

Total cumulative ISI Web of Science Impact Factor (cIF) > 500

Peer-reviewed journals	1
Editorials.....	21
Other publications (listed or forthcoming in ISI WebOfScience).....	22
Further publications (varia 1)	34
Further publications (varia 2)	39
Public discussions	41
Scientific Podcasts	42
Books	42
Book Chapters.....	42
Book Reviews.....	43
Theses.....	43
Conference contributions (citable contributions only).....	44
Invited presentations, chairs, invited symposiums	89
Public symposiums (KinderUni etc.)	106
Contact information	107

Peer-reviewed journals

2025 and 'in press' {cIF=36.0}

[251] Klöckner, N., Mueller, R., Buerling, M., **Carbon**, C. C., & Strobach, T. (2025, in press). Face adaptation: Investigating non-configural contrast alterations. *Attention, Perception & Psychophysics*. {IF=1.7}

[250] Adiarte, S., **Carbon**, C. C., Orr, R., & Canetti, E. F. D. (2025). The critical role of threat detection and movement behavior assessment: Identifying key concepts, research scope, and gaps: A scoping review. *Frontiers in Psychology*, 16, 1627066. {IF=2.9}

[249] Subbotina-Dubinski, Y., & **Carbon**, C. C. (2025). Envisioning the Future of Fine Dining: Insights from a Multi-Methods Study in Germany. *Foods*, 14(13), 2294, 1-15. {IF=5.1}

[248] Lavrsen, J. C., **Carbon**, C. C., & Daalhuizen, J. (in press). Cognitive efficiency using heuristic vs systematic design methods: Assessing theoretical foundations and measures of design performance through a pilot study. *Journal of Design Research*.

[247] Döbler, N. A., Pastukhov, A., & **Carbon**, C. C. (2025). Exploring the hypothetical impact of genetic engineering on ethnicity: An analysis of a large scale dataset with high ecological validity. *Bioethics*, 2025, 1-25. {IF=1.7}

- [246] Peschka, L., Schobel, S., Arend, C., Hajak, G., **Carbon**, C. C., Schiltz, K., & Bergner-Köther, R. (2025, in press). The relationship between offense-supportive cognitions and childhood trauma in offending and non-offending men with (exclusive) pedo-, hebe-, and teleiophilia who seek voluntary treatment. *Deviant Behavior*, 1-20. {IF=1.7}
- [245] Peschka, L., Hock, M., **Carbon**, C. C., Hajak, G., & Bergner-Köther, R. (2025, in press). German Adaptation and Validation of the Factors of Online Disinhibition Scale. *Computers in Human Behavior Reports*. {IF=4.9}
- [244] Khozaei, F., **Carbon**, C. C., Ul Islam, Q., & Khozaei Ravari, Z. (2025). I am a woman, I am a migrant—are you there for me? Exploring the perceived social support (PPS) of ChatGPT among female migrants in the Gulf countries. *The Open Psychology Journal*, 18, e18743501364500.
- [243] Becker, J., Gass, M., Metzger, M., **Carbon**, C. C., Wuester, J., Schmelzeisen, R., Vach, K., Kampe, F., Brandenburg, L. (2025, in press). Perception of patients with sagittal malocclusion in en-face portraits: a retrospective survey among professionals and laypersons. *European Journal of Oral and Maxillofacial Surgery*.
- [242] Bahmann, B., & **Carbon**, C. C. (2025). The impact of innovation on leadership succession in family businesses: A structured literature review [2004-2024]. *European Journal of Family Business*. {IF=2.4}
- [241] Münder, M., Vitale, R., & **Carbon**, C. C. (2025, in press). Back to the Future: Innovativeness in Sound Design for Electrified Vehicles. *I-Perception*. {IF=2.4}
- [240] Witt, J., Dumančić, S., Guns, T., & **Carbon**, C. C. (2025). A Divide, Align & Conquer Strategy For Program Synthesis. *Journal of Artificial Intelligence Research*, 82, 1961-1997. {IF=5.0}
- [239] Schwappach, D., Faix, W., Mergenthaler, J., & **Carbon**, C. C. (2025, in press). Developing the architecture and characteristics for a green hydrogen ecosystem to effectively accelerate the energy transition: A contribution to innovation leadership. *Environmental Science and Pollution Research*.
- [238] Klöpfer, S., & **Carbon**, C. C. (2025, in press). Leadership and Trust in Remote Teams. *Human Systems Management*. {IF=1.5}
- [237] Döbler, N. A., & **Carbon**, C. C. (2025, in press). Does creating the perfect child mean enforcing or dismantling normative gender stereotypes? Evidence from an interactive virtual genetic engineering exhibit. *Acta Psychologica*. {IF=2.1}
- [236] Tagscherer, F., & **Carbon**, C. C. (2025). The role of transformational leadership in navigating digital servitization. *Sustainable Technology and Entrepreneurship*, 4(2), 100098.
- [235] Bonerath, A., **Carbon**, C. C., Miksch, S., Partrignani, M., & Tappini, A. (2025). Time-dependent route planning on maps: A user study. *Journal of Perceptual Imaging*, 8, 1-12.
- [234] Lorenz, C., **Carbon**, C. C., Meffert, R. H., & Eden, L. (2025). Plate or Arthroplasty for complex Mason Type-III Radial Head Fractures? Mid-to-long term results from a blinded outcome assessor study. *Injury*, 56(2), 111981. {IF=2.2}

[233] Englert, C., & **Carbon**, C. C. (2025). Innovation Mentality: Three Perspectives of the Selling Function. *Journal of Selling*, 25(1), 64-76.

[232] Englert, C., & **Carbon**, C. C. (2024, in press). The first impression of the first internal customer: A triad-perspective approach to investigate how and when the salesforce becomes internally aware of innovative new products. *Journal of Marketing Communications*.

[231] Beitelmal, W. H., **Carbon**, C. C., Khozaei, F., Islam, Q. U., Lesan, T., Ramayah, T., & Hassanah, A. M. (2025). Influence of personal and career burnout on women employers' subjective evaluation of workplace acoustic environment. *Work*, 80, 96-106. {IF=2.3}

[230] Schwappach, D., Faix, W., Mergenthaler, J., & **Carbon**, C. C. (2025, in press). Developing an ecosystem framework for green hydrogen scale-up: A contribution to innovation leadership. *Journal of Knowledge Economy*. {IF=4.0}

2024 {cIF=34.4}

[229] Muth, C., & **Carbon**, C. C. (2024). Ambivalence of artistic photographs stimulates interest and the motivation to engage. *Psychology of Aesthetics, Creativity, and the Arts*, 18(3), 287-302. {IF=4.349}

[228] Hoessler, S., & **Carbon**, C. C. (2024). Digital transformation in incumbent companies: A qualitative study on exploration and exploitation activities in innovation. *Journal of Innovation and Entrepreneurship*, 13(26), 1-31.

[227] Lavrsen, J. C., & **Carbon**, C. C., & Daalhuizen, J. (2024). Developing Design Mindset: How individual and contextual factors influence the development of Design Mindset through Method Teaching. *Journal of Engineering Design*, 1-30. {IF=2.5}

[226] Lavrsen, J. C., & **Carbon**, C. C., & Daalhuizen, J. (2024). Measuring Design Mindset. Developing the Design Mindset Inventory through its relationship with ambiguity tolerance, self-efficacy, and sensation-seeking. *Design Science*, 24(e48), 1-36. {IF=1.8}

[225] Tagscherer, F., & **Carbon**, C. C. (2024). Digital servitization and leadership: A holistic view on required leadership traits and skills. *Journal of Entrepreneurship, Management and Innovation*, 20(4), 104-129. {IF=n.a.}

[224] Döbler, N. A., & **Carbon**, C. C. (2024). Inferring their minds and analyzing our beliefs: On the contribution of (exo)psychology to the Search for Extraterrestrial Intelligence. *International Journal of Astrobiology*, 23(e24), 1-17. {IF=1.3}

[223] Berni, A., Borgianni, Y., & **Carbon**, C. C. (2024). Association change and its relationship with designs in context and form: how product evaluation is affected by negative framings. *Journal of Engineering Design*, 35(12), 1487-1517. {IF=2.7}

[222] **Carbon**, C. C. (2024). About the role of perceptual psychology in art history. Old unit, new opportunities. *Art & Perception*, 12(15), 1-14. {IF=1.1}

- [221] Münder, M., Müller, G.-J., Raab, M. & **Carbon**, C. C. (2024). Unfolding dynamics in the perception of interior vehicle acoustics via Continuous Evaluation Procedure (CEP). *Frontiers in Acoustics*, 2, 1423168.
- [220] Schramm, L., & **Carbon**, C. C. (2024). Critical success factors for creating sustainable digital health applications: A systematic review of the German case. *Digital Health*, 10, 1-14. {IF=3.9}
- [219] Muth, C., & **Carbon**, C. C. (2024). Predicting instabilities. An embodied perspective on unstable experiences with art and design. *Philosophical Transactions of the Royal Society B*, 379, 1895. {IF=6.3}
- [218] Bergner-Köther, R., Peschka, L., Pastukhov, A., **Carbon**, C. C., Steins-Loeber, S., Hajak, G., Rettenberger, M. (2024). The relevance of hypersexuality and impulsivity in different groups of treatment-seekers with and without (exclusive) pedophilia. *Sexual Abuse*. {IF=2.3}
- [217] Döbler, N., & **Carbon**, C. C. (2024, in press). Adapting ourselves, instead of the environment: An inquiry into human enhancement for function and beyond. *Integrative Psychological and Behavioral Science*. {IF=1.1}
- [216] Goetz, I., & **Carbon**, C. C. (2024). The Art of Experiencing Art: On the nature and the origins of the mode of art eXperience (MAX). *Journal of Perceptual Imaging*, 6, 1-19. {IF=0.6}
- [215] Khozaei, F., Ul Islam, Q., Ramayah, T., Ayub, N., & **Carbon**, C. C. (2024). Unveiling destination choices: Uncovering the influence of missing visual information on tourists' decision-making and visit intention. *Journal of Migration and Health*. {IF=4.6}

2023 {cIF=44.070}

- [214] **Carbon**, C. C. (2023). About the need for a more adequate way to get an understanding of the experiencing of aesthetic items. *Behavioral Sciences*, 13(10). {IF=2.6}
- [213] Styrnal, M., **Carbon**, C. C., & Pastukhov, A. (2023). When a bank becomes a bank, and a bank is the bank but not the bank: Multistability of homonyms' meaning. *i-Perception*, 14(4), 1-6. {IF=1.5}
- [212] Döbler, N. A., **Carbon**, C. C., & Schaub, H. (2023). Human Enhancement without organizational knowledge and by organizational order. *Journal of Cognitive Enhancement*. {IF=2.2}
- [211] Metzner, S., Müller-Bohn, J., Steigleder, T., & **Carbon**, C. C. (2023). Live-gespielte Klänge gegen Schmerz [Live sounds to counter pain]. *Musiktherapeutische Umschau*, 44(4), 336-351.
- [210] Sadia, S., & **Carbon**, C. C. (2023). Looking for the Edge of the World: How 3D Immersive Audio Produces a Shift From an Internalised Inner-Voice to Unsymbolised Affect-Driven Ways of Thinking and Heightened Sensory Awareness. *Behavioral Sciences*, 13(10), 858. {IF=2.6}

- [209] Schneider, T. M., & **Carbon**, C. C. (2023). On the Semantics of Selfies (SoS). *Frontiers in Communication—Visual Communication*, 8(1233100), 1-15. {IF=2.4}
- [208] Knossalla, C. E., & **Carbon**, C. C. (2023). Neither entrepreneurship nor intrapreneurship: A review of how to become an innovative split-off start-up. *Frontiers in Sociology—Work, Employment and Organizations*, 8(267706), 1-15. {IF=2.43}
- [207] Khozaei, F., Kim, M. J., Beitelmal, W., Ul Hassan, I., & **Carbon**, C. C. (2023). Unveiling destination choices: Uncovering the influence of missing visual information on tourists' decision-making and visit intention. *International Journal of Tourism Cities*. {IF=0.711}
- [206] Pavlova, M., Moosavi, J., **Carbon**, C. C., Fallgatter, A. & Sokolov, A. (2023). Emotions behind a mask: the value of disgust. *Schizophrenia*, 58(9), 1-8. {IF=4.966}
- [205] Döbler, N., & **Carbon**, C. C. (2023). Boosting human capacities: Attitudes toward Human Enhancement and vaccination in the context of perceived naturalness and invasiveness. *Discover Psychology*, 3(1), 24. {IF=1.6}
- [204] Utz, S., Müller, R., Strobach, T., & **Carbon**, C. C. (2023). Naturalistic face adaptation: How we adapt to freckles fast and sustainably. *I-Perception*, 14(4), 1-13. {IF=1.9}
- [203] Döbler, N., & **Carbon**, C. C. (2023). Is there anybody out there? Can individual loneliness, need for closure, and religiosity predict the belief in extraterrestrial life and intelligence? *Discover Psychology*, 3(1), 21. {IF=1.6}
- [202] Ganske, P., & **Carbon**, C. C. (2023). Communication as success factor for clusters. *Frontiers in Communication*, 8, 1194103. {IF=2.4}
- [201] Döbler, N., & **Carbon**, C. C. (2023). Affordances in Outer Space: Forms of Life, Material Engagement, and Meaning within Space Exploration and SETI. *Acta Astronautica*, 210, 350-363. {IF=2.954}
- [200] Utz, S., Müller, R., Strobach, T., & **Carbon**, C. C. (2023). Under the sun: Adaptation effects to changes in facial complexion. *BMC Psychology*, 11(1), 96. {IF=2.588}
- [199] Tagscherer, F., & **Carbon**, C. C. (2023). Leadership for successful digitalization: A literature review on companies' internal and external aspects of digitalization. *Sustainable Technology and Entrepreneurship*, 2(2), 100039.
- [198] Berni, A., Borgianni, Y., Basso, D., & **Carbon**, C. C. (2023). Fundamentals and issues of User Experience in the process of designing consumer products. *Design Science*, 9, e10.
- [197] Ganske, P., & **Carbon**, C. C. (2023). Re-thinking cluster policies: The role of shared vision and Place Leadership on the development of resilient clusters. *Leadership, Education, Personality: An Interdisciplinary Journal*, 4, 1-6.
- [196] Pastukhov, A., Styrnal, M., & **Carbon**, C. C. (2023). History-dependent changes to distribution of dominance phases in multistable perception. *Journal of Vision*, 23(3), 1-15. {IF=2.24}

[195] **Carbon, C. C.** (2023). Connecting the beholder with the artwork: Thoughts on gaining liveliness by the usage of paraphernalia. *i-Perception*, 14(2), 1-5. {IF=1.9}

[194] Pastukhov, A., Kossmann, L., & **Carbon, C. C.** (2023). Reconstructing a disambiguation sequence that forms perceptual memory of multistable displays via reverse correlation method: Bias onset perception but gently. *Journal of Vision*, 23(3), 1-16. {IF=2.24}

[193] Hoessler, S. & **Carbon, C. C.** (2023). Digital transformation and ambidexterity: A literature review on exploration and exploitation activities in companies' digital transformation. *c*, 26(8), 1-54.

[192] Pavlova, M. A., **Carbon, C. C.**, Coello, Y., Sokolov, A. A., & Proverbio, A. M. (2023). Editorial. Impact of face covering on social cognition and interaction. *Frontiers in Neuoscience—Perception Science*, 17(1150604), 1-4. {IF=5.152}

2022 {cIF=29.621}

[191] Leder, J., Koßmann, L., & **Carbon, C. C.** (2022). Perceptions of persons who wear face coverings are modulated by the perceivers' attitude. *Frontiers in Neuoscience—Perception Science*, 16, 1-16. {IF=5.152}

[190] Burzlaff, P., & **Carbon, C. C.**, & Metzner, S. (2022, in press). Potential of mixed methods in music therapy research. *Musiktherapeutische Umschau*. {IF=n.a.}

[189] Utz, S., & **Carbon, C. C.** (2022). The unnoticed zoo: Inattentional deafness to animal sounds in music. *Attention, Perception, & Psychophysics*. {IF=2.199}

[188] Prasch, J., Neelim, A., **Carbon, C. C.**, Schoormans, J. & Blijlevens, J. (2022). An Application of the Dual Identity Model and active categorisation to increase intercultural closeness. *Frontiers in Psychology—Personality and Social Psychology*, 13(705858), 1-21. {IF=2.990}

[187] Münden, M., & **Carbon, C. C.** (2022). A literature review [2000-2022] on vehicle acoustics -Investigations on perceptual parameters of interior soundscapes in electrified vehicles. *Frontiers in Mechanical Engineering-Vibration Systems*, 8(974464), 1-24. {IF=n.a.}

[186] Khozaei, F., **Carbon, C. C.**, Hosseini, M., & Kim, M. J. (2022). Preferences for hotels with biophilic design attributes during post COVID-19 era. *Buildings*, 12(4/427), 1-13. {IF=2.648}

[185] **Carbon, C. C.**, Utz, S., & Hesslinger, V. M. (2022). Less is More: Perception as a fun way to Rich Minimalism. *i-Perception*, 13(2), 1-5. {IF=1.588}

[184] Khozaei, F., & **Carbon, C. C.** (2022). On the parental influence on children's physical activities and mental health during the COVID-19 pandemic. *Frontiers in Psychology—Health Psychology*, 13(675529), 1-12. {IF=2.990}

[183] **Carbon, C. C.**, Held, M. J., & Schütz, A. (2022). Reading emotions in faces with and without masks is relatively independent of extended exposure and individual difference variables. *Frontiers in Psychology—Perception Science*, 13(856971), 1-11. {IF=2.990}

[182] Breitschaft, S., Heijboer, S., Shor, D., Tempelman, E., Vink, P., & **Carbon**, C. C. (2022). The Haptic Fidelity Framework: A qualitative overview and categorization of cutaneous-based haptic technologies through fidelity. *Transactions on Haptics*, 15(2), 232-245. {IF=2.487}

[181] Khozaei, F., **Carbon**, C. C., & Abd Razak, N. (2022). Determinants of mental disorders of Afghan migrants during the COVID-19 Pandemic. *International Journal of Migration, Health and Social Care*, 18(4), 301-314. {IF=0.703}

[180] Watson, D., Krug, M., & **Carbon**, C. C. (2022). The relationship between citations and the linguistic traits of specific academic discourse communities identified by using Social Network Analysis. *Scientometrics*, 127, 1755-1781. {IF=3.238}

[179] Münder, M., & **Carbon**, C. C. (2022). Howl, whirr, and whistle: The perception of electric powertrain noise and its importance for perceived quality in electrified vehicles. *Applied Acoustics*, 185(1), 1-10. {IF=2.639}

2021 {cIF=29.018}

[178] Breitschaft, S., Pastukhov, & **Carbon**, C. C. (2021). Where's my button? Evaluating the user experience of surface haptics in featureless automotive user interfaces. *Transactions on Haptics*, 15(2), 292-303. {IF=2.487}

[177] Mueller, R., Utz, S. **Carbon**, C. C., & Strobach, T. (2021). Face adaptation: investigating non-configural saturation alterations. *i-Perception*, 12(6), 1-24. {IF=1.535}

[176] Schneider, T., & **Carbon**, C. C. (2021). The Episodic Prototypes Model (EPM): On the nature and genesis of facial representations. *i-Perception*, 12(5), 1-46. {IF=1.535}

[175] Döbler, N., & **Carbon**, C. C. (2021). Vaccination Against SARS-CoV-2: A Human Enhancement Story. *Translational Medicine Communications*, 6(27), 1-10. {IF=n.a.}

[174] Pastukhov, A., Koßmann, L., & **Carbon**, C. C. (2021). When Perception is stronger than Physics: Perceptual similarities rather than laws of physics govern the perception of interacting objects. *Attention, Perception, & Psychophysics*, 84, 24-137. {IF=1.893}

[173] Pastukhov, A., & **Carbon**, C. C. (2021). Change not State: Perceptual coupling in multistable displays reflects transient bias induced by perceptual change. *Psychonomic Bulletin & Review*, 29, 97-07. {IF=5.536}

[172] Goldie, K., Cumming, D., Voropai, D., Mosahebi, A., Fabi, S., & **Carbon**, C. C. (2021). Aesthetic delusions: An investigation into the role of rapid visual adaptation in aesthetic practice. *Clinical, Cosmetic and Investigational Dermatology*, 2021, 1079—1087. {IF=2.489}

[171] **Carbon**, C. C. & Serrano, M. (2021). The impact of face masks on the emotional reading abilities of children—A lesson from a joint school–university project, *i-Perception*, 12(4), 1-17. {IF=1.535}

[170] Breitschaft, S., & **Carbon**, C. C. (2021). Function Follows Form: Using the Aesthetic Association Principle to enhance haptic interface design. *Frontiers in Psychology—Human Media Interaction*, 12(2619), 1-23. {IF=2.323}

[169] Raab, M. H., Döbler, N. A., & **Carbon**, C. C. (2021). A Game of Covid. Strategic thoughts about a ludified pandemic. *Frontiers in Psychology—Cultural Psychology*, 12(2392), 1-9. {IF=2.323}

[168] **Carbon**, C. C. (2021). About the acceptance of wearing face masks in times of a pandemic. *I-Perception*, 12(3), 1-14. {IF=1.535}

[167] Mueller, R., Utz, S. **Carbon**, C. C., & Strobach, T. (2021). Face adaptation effects on non-configural face information. *Advances in Cognitive Psychology*, 17(2), 176-192. {IF=1.200}

[166] **Carbon**, C. C. (2021). Good, bad and ugly genes? Science matters, also in terms of terminology and word usage. *Open Psychology*, 3(1), 47-49. {IF=0.61}

[165] Pastukhov, A., & **Carbon**, C. C. (2021). Clever cats: Do they utilize change blindness as a covered approaching strategy? *I-Perception*, 12(1), 1-4. {IF=1.535}

[164] Heiligensetzer, S., Schmittlutz, T., & **Carbon**, C. C. (2021). Creativity and complexity: Creative solutions are more complex and need time. *Art & Perception*, 9(1), 21-45. {IF=n.a.}

[163] Muth, C., Westphal-Fitch, G. & **Carbon**, C. C. (2021). Seeking (dis)order. Ordering appeals but slight disorder and complex order trigger interest. *Psychology of Aesthetics, Creativity, and the Arts*, 15(3), 439-457. {IF=2.482}

2020 {cIF=14.534}

[162] **Carbon**, C. C. (2020). The impact of face masks on emotional reading Wearing face masks strongly confuses counterparts in reading emotions. *Frontiers in Psychology—Emotion Science*, 11(566886), 1-18. {IF=2.129} [HIGHLY CITED PAPER]

[161] Schmidtman, G., Logan, A., **Carbon**, C. C., Loong, J., & Gold, I. (2020). In the blink of an eye: Reading mental states from briefly presented eye regions. *I-Perception*, 11(5), 1-17. {IF=1.535}

[160] Utz, S., & **Carbon**, C. C. (2020). The more-or-less morphing face illusion revisited: Perceiving natural transient changes in faces despite fast saccades. *I-Perception*, 11(4), 1-10. {IF=1.535}

[159] **Carbon**, C. C. (2020). Ecological Art Experience: How we can gain experimental control while preserving ecologically valid settings and context. *Frontiers in Psychology*, 11(800), 1-14. {IF=2.129}

[158] Ortlieb, S. A., Kuegel, W., & **Carbon**, C. C. (2020). Fechner: The Aesthetic Association Principle. *I-Perception*, 11(3), 1-20. {IF=1.535}

[157] Muth, C., Briesen, J., & **Carbon**, C. C. (2020). "I like how it looks but it is not beautiful". Sensory appeal. *Poetics*, 79(101376), 1-12. {IF=1.649}

[156] Mueller, R., Utz, S. **Carbon**, C. C., & Strobach, T. (2020). Face adaptation and face priming as tools for getting insights into the quality of face space. *Frontiers in Psychology*, 11(168), 1-17. {IF=2.129}

[155] Pastukhov, A., Burkel, K. & **Carbon**, C. C. (2020). Shape-specificity of neural persistence for kinetic-depth effect matches perceptual adaptation but not sensory memory. *Attention, Perception, & Psychophysics*, 82, 1942-1948. {IF=1.893}

2019 {cIF=13.636}

[154] **Carbon**, C. C. (2019). Psychology of Design. *Design Science*, 5(e26), 1-18. {IF=n.a.}

[153] Muth, C., & **Carbon**, C. C. (2019). When art is not mastered but creates insights. Shifting in and out of Semantic Instability. *Art & Perception*, 7(2-3), 123-136. {IF=n.a.}

[152] Brandenstein, N., Gebauer, F., & **Carbon**, C. C. (2019). How do we perceive "aliens"? About the implicit processes underlying the perception of people with alien paraphernalia. *Frontiers in Psychology*, 10(1551). {IF=2.129}.

[151] Breitschaft, S., Clarke, S., & **Carbon**, C. C. (2019). A theoretical framework of haptic processing in automotive user interfaces and its implications on design and engineering. *Frontiers in Psychology*, 10(1470), 1-18. {IF=2.129}

[150] Pastukhov, A., Kastrup, B., Abs, I., & **Carbon**, C. C. (2019). Switch rates for orthogonally-oriented kinetic-depth displays are correlated across observers. *Journal of Vision*, 19(6), 1-13. {IF=2.266}

[149] **Carbon**, C. C. (2019). Empirical approaches to capturing Art Experience. *Journal of Perceptual Imaging*. {IF=n/a}

[148] Ortlieb, S. A., & **Carbon**, C. C. (2019). A functional model of kitsch and art: Linking aesthetic appreciation to the dynamics of social motivation. *Frontiers in Psychology*, 9(2437). {IF=2.089}

[147] Muth, C., Ebert, S. A., Marković, S. & **Carbon**, C. C. (2019). 'Aha'ptics: Enjoying an Aesthetic Aha during haptic exploration. *Perception*, 48(1), 3-25. {IF=1.371}

[146] Ortlieb, S. A., & **Carbon**, C. C. (2019). Kitsch and Perception: Towards a New 'Aesthetic from Below'. *Art & Perception*, 7(1), 1-26. {IF=n.a.}

[145] Schifferstein, H. N. J., Wehrle, T., & **Carbon**, C. C. (2019). Consumer expectations for vegetables with typical and atypical colors: The case of carrots. *Food Quality and Preference*, 72, 98-108. {IF=3.652}

2018 {cIF=13.473}

- [144] **Carbon**, C. C., Faerber, S. J., Augustin, M. D., Mitterer, B., & Hutzler, F. (2018). First gender, then attractiveness: Indications of gender-specific attractiveness processing via ERP onsets. *Neuroscience Letters*, 686, 186-192. {IF=2.159}
- [143] **Carbon**, C. C., Mchedlidze, T., Raab, M. H., & Waechter, H. (2018). The power of shape: How shape of node-link diagrams impacts aesthetic appreciation and triggers interest. *i-Perception*, 9(5), 1-18. {IF=0.942}
- [142] **Carbon**, C. C., & Pastukhov, A. (2018). Reliable top-left light convention starts with Early Renaissance: An extensive approach comprising 10k artworks. *Frontiers in Psychology*, 9(454), 1-7. {IF=2.321}
- [141] Pastukhov, A., Zaus, C. R., Aleshin, S., Braun, J., & **Carbon**, C. C. (2018). Perceptual coupling induces co-rotation and speeds up alternations in adjacent bi-stable structure-from-motion objects. *Journal of Vision*, 18(21), 1-14. {IF=2.671}
- [140] Pastukhov, A., Prasch, J., & **Carbon**, C. C. (2018). Out of sight, out of mind: Occlusion and eye closure destabilize moving bi-stable structure-from-motion displays. *Attention, Perception, & Psychophysics*, 80(5), 1193-1204. {IF=1.863}
- [139] Güss, C. D., Hauth, D., Wiltsch, F., **Carbon**, C. C., Schütz, A., & Wanninger, K. (2018). Patience in everyday life: Three field studies in France, Germany, and Romania. *Journal of Cross-Cultural Psychology*, 49(3), 355-380. {IF=1.657}
- [138] Muth, C., Hesslinger, V. M., & **Carbon**, C. C. (2018). Variants of Semantic Instability (Selns) in the arts. A classification study based on experiential reports. *Psychology of Aesthetics, Creativity, and the Arts*, 12(1), 11-23. {IF=2.224}

2017 {cIF=16.136}

- [137] Hesslinger, V. M., **Carbon**, C. C., & Hecht, H. (2017). The sense of being watched is modulated by arousal and duration of the perceptual episode. *i-Perception*, 8(6), 1-11. {IF=1.051}
- [136] Hesslinger, V. M., **Carbon**, C. C., & Hecht, H. (2017). Social factors in aesthetics: Social conformity pressure and a sense of being watched affect aesthetic judgments. *i-Perception*, 8, 1-16. {IF=1.051}
- [135] Muth, C., Albrecht, S., & **Carbon**, C. C. (2017). Affect and self-efficacy infuse the experience of ambivalent photographs. *Psihologija*, 50(3), 307-317. {IF=0.420}
- [134] **Carbon**, C. C., & Gebauer, F. (2017). Data and material of the Safe-Range-Inventory: An assistance tool helping to improve the charging infrastructure for electric vehicles. *Data in Brief*. {IF=n.a.}

- [133] Ortlieb, S. A., Stojilović, I., Rutar, D., Fischer, U. C., & **Carbon**, C. C. (2017). On kitsch and kič: Comparing kitsch concepts from Bavaria, Serbia and Slovenia. *Psihologija*, 50(3), 357-381. {IF=0.420}
- [132] Schneider, T. M., & **Carbon**, C. C. (2017). Taking the perfect selfie: Investigating the impact of perspective on the perception of higher cognitive variables. *Frontiers in Psychology*, 8(971). {IF=2.463}
- [131] Abdi, T., Hailu, B. H., A., A., van Gelder, T. P. H. A. J. M., Hagenzieker, M. P., & **Carbon**, C. C. (2017). Road crashes in Addis Ababa, Ethiopia: Empirical findings between the years 2010 and 2014. *African Research Review: An international multi-disciplinary journal*, 11(2), 1-13. {IF=n.a.}
- [130] **Carbon**, C. C., & Gebauer, F. (2017). The Safe-Range-Inventory (SRI): An assistance tool for optimizing the charging infrastructure for electric vehicles. *Transportation Research Part F: Psychology and Behaviour*, 47, 101-113. {IF=1.444}
- [129] Muth, C., Raab, M., & **Carbon**, C. C. (2017). Expecting the unexpected: How gallery-visitors experience Semantic Instability in art. *Art & Perception*, 5(2), 1-22. {IF=n.a.}
- [128] Wirth, B. E., & **Carbon**, C. C. (2017). An easy game for frauds? Effects of professional experience and time pressure on passport-matching performance. *Journal of Experimental Psychology: Applied*, 23(2), 138-157. {IF=2.355}
- [127] Mongoven, C., & **Carbon**, C. C. (2017). Acoustic Gestalt: On the perceptibility of melodic symmetry. *Musicae Scientiae*, 21(1), 41-59. {IF=1.321}
- [126] **Carbon**, C. C. (2017). Universal principles of depicting oneself across the centuries: From Renaissance self-portraits to selfie-photographs. *Frontiers in Psychology: Human-Media Interaction*, 8(245), 1-9. {IF=2.463}
- [125] **Carbon**, C. C. (2017). Art perception in the museum: How we spend time and space in art exhibitions. *i-Perception*, 8(1), 1-15. {IF=1.813}
- [124] Gebauer, F., Raab, M. H., & **Carbon**, C. C. (2017). Imagine all the forces: The impact of threatening news coverage on the willingness to militarily engage in the resurgence of the East versus West conflict. *Journal of Media Psychology-Theories Methods and Applications*, 29(2), 102-108. {IF=0.882}

2016 {cIF=40.771}

- [123] Gebauer, F., Raab, M. H., & **Carbon**, C. C. (2016). Back to the USSR: How colors might shape the political perception of East vs. West. *i-Perception*. {IF=1.831}
- [122] Gebauer, F., Raab, M. H., & **Carbon**, C. C. (2016). Conspiracy formation is in the detail: On the interaction of conspiratorial predispositions and semantical cues. *Applied Cognitive Psychology*, 30(6), 917-924. {IF=1.481}

- [121] **Carbon**, C. C. (2016). The folded paper size illusion: Evidence of inability to perceptually integrate more than one geometrical dimension. *i-Perception*, 7(4), 1-5. {IF=1.831}
- [120] Röder, S., **Carbon**, C. C., Shackelford, T. K., Pisanski, K., Weege, B., & Fink, B. (2016). Men's visual attention to and perceptions of women's dance movements. *Personality and Individual Differences*, 101, 1-3. {IF=1.861}
- [119] Hesslinger, V. M. & **Carbon**, C. C. (2016). #TheDress: The role of illumination information and individual differences in the psychophysics of perceiving white-blue ambiguities. *i-Perception*, 7(2), 1-10. {IF=1.831}
- [118] Ortlieb, S., Fischer, U. C., & **Carbon**, C. C. (2016). Enquiry into the Origin of Our Ideas of the Sublime and Beautiful: Is there a Male Gaze in Empirical Aesthetics? *Art & Perception*, 4(3), 205-224. {IF=n.a.}
- [117] Gebauer, F., Vilimek, R., Keinath, A. & **Carbon**, C. C. (2016). Changing attitudes towards e-mobility by actively elaborating fast-charging technology. *Technological Forecasting and Social Change*, 106, 31-36. {IF=2.058}
- [116] Muth, C., Raab, M. H., & **Carbon**, C. C. (2016). Semantic stability is more pleasurable in unstable episodic contexts. On the relevance of perceptual challenge in art appreciation. *Frontiers in Human Neuroscience*, 10(43). {IF=3.626}
- [115] Utz, S., & **Carbon**, C. C. (2016). Is the Thatcher Illusion modulated by face familiarity? Evidence from an eye tracking study. *PLoS One*, 11(10), e0163933. {IF=3.057}
- [114] **Carbon**, C. C. (2016). Creating a framework for holistic assessment of aesthetics. A response to Nilsson and Axelsson (2015) on attributes of aesthetic quality of textile quality. *Perceptual and Motor Skills*, 122(1), 96-100. {IF=0.568}
- [113] Muth, C., & **Carbon**, C. C. (2016). Selns: Semantic Instability in Art. *Art & Perception*, 4, 145-184. {IF=n.a.}
- [112] **Carbon**, C. C., & Albrecht, S. (2016). The Fluency Amplification Model supports the GANE principle of arousal enhancement. *Behavioral and Brain Sciences (BBS)*, 39, 22-23. {IF=20.415}

2015 {cIF=21.271}

- [111] **Carbon**, C. C., & Hesslinger, V. M. (2015). Restoring depth to Leonardo's Mona Lisa. Was La Gioconda the model for one of the world's earliest attempts at three-dimensional imaging? *American Scientist*, 103(6), 404-409. {IF=0.556}
- [110] Weth, K., Raab, M., & **Carbon**, C. C. (2015). Investigating emotional responses to self-selected sad music via self-report and automated facial analysis. *Musicae Scientiae*, 19(4), 412-432. {IF=0.809}

[109] Lueschow, A., Weber, J. E., **Carbon**, C. C., Deffke, I., Sander, T., Grueter, T., Grueter, M., Trahms, L., & Curio, G. (2015). The 170ms response to faces as measured by MEG (M170) is consistently altered in congenital prosopagnosia. *PLoS One*, 10(9), e0137624. {IF=3.534}

[108] Belke, B., Leder, H., & **Carbon**, C. C. (2015). When challenging art gets liked: Evidences for a dual preference formation process for fluent and non-fluent portraits. *PLoS One*, 10(8), e0131796. {IF=3.534}

[107] Utz, S., & **Carbon**, C. C. (2015). Afterimages are biased by top-down information. *Perception*, 44(11), 1263-1274. {IF=1.114}

[106] Röder, S., Weege, B., **Carbon**, C. C., Shackelford, T. K., & Fink, B. (2015). Men's perception of women's dance movements depends on mating context, but not men's sociosexual orientation. *Personality and Individual Differences*, 86, 172-175. {IF=1.861}

[105] **Carbon**, C. C. (2015). The moon as a tiny bright disc. Insights from observations in the planetarium. *Perception*, 44(7), 821-824. {IF=1.114}

[104] Hesslinger, V. M., Goldbach, L., & **Carbon**, C. C. (2015). Men in red: A reexamination of the red-attractiveness effect. *Psychonomic Bulletin & Review*, 22(4), 1142-1148. {IF=2.986}

[103] Muth, C., Raab, M. H., & **Carbon**, C. C. (2015). The stream of experience when watching artistic movies. Dynamic aesthetic effects revealed by the Continuous Evaluation Procedure (CEP). *Frontiers in Psychology*, 6, 365. {IF=2.843}

[102] Muth, C., Hesslinger, V. M., & **Carbon**, C. C. (2015). The appeal of challenge in the perception of art: How ambiguity, solvability of ambiguity and the opportunity for insight affect appreciation. *Psychology of Aesthetics, Creativity, and the Arts*, 9(3), 206-216. {IF=1.787}

[101] **Carbon**, C. C. & Hesslinger, V. M. (2015). On the nature of the background behind Mona Lisa. *Leonardo*, 48(2), 182-184. {IF=n.a.}

[100] Harsányi, G., & **Carbon**, C. C. (2015). How perception affects racial categorization: On the influence of initial visual exposure on labelling people as diverse individuals or racial subjects. *Perception*, 44(1), 100-102. {IF=1.114}

2014 {cIF=17.095}

[099] Haertel, M., & **Carbon**, C. C. (2014). Is this a "Fettecke" or just a "greasy corner"? About the capability of laypersons to differentiate between art and non-art via object's originality. *i-Perception*, 5(7), 602-610. {IF=1.482}

[098] Wolz, S., & **Carbon**, C. C. (2014). What's wrong with an art fake? Cognitive and emotional variables influenced by authenticity status of artworks. *Leonardo*, 47(5), 467-473. {IF=n.a.}

- [097] Leidenfrost, B., Strassnig, B., Schütz, M., **Carbon**, C. C., & Schabmann, A. (2014). The impact of peer mentoring on mentee academic performance: Is any mentoring style better than no mentoring at all? *International Journal of Teaching and Learning in Higher Education*, 26(1), 102-111 {IF=n.a.}
- [096] Cattaneo, Z., Schiavi, S., Lega, C., Renzi, C., Tagliaferri, M., Boehringer, J., **Carbon**, C. C., & Vecchi, T. (2014). Biases in spatial bisection induced by viewing male and female faces. *Experimental Psychology*, 61(5), 368-377. {IF=1.921}
- [095] Guevara-Rojas, G., Figl, M., Schicho, K., Seemann, R., Traxler, H., Vacariu, A., **Carbon**, C. C., Ewers, R., & Watzinger, F. (2014). Patient-specific polyetheretherketone facial implants in a computer-aided planning workflow. *Journal of Oral and Maxillofacial Surgery*, 72(9), 1801-1812. {IF=1.333}
- [094] **Carbon**, C. C. (2014). Understanding human perception by human-made illusions. *Frontiers in Human Neuroscience*, 8(566), 1-6. {IF=2.906}
- [093] **Carbon**, C. C. & Hesslinger, V. M. (2014). Stable aesthetic standards delusion: Changing "artistic quality" by elaboration. *Perception*, 43(9), 1006-1013. {IF=1.311}
- [092] Cattaneo, Z., Renzi, C., Bona, S., Merabet, L. B., **Carbon**, C. C., & Vecchi, T. (2014). Hemispheric asymmetry in discriminating faces differing for featural or configural (second-order relations) aspects. *Psychonomic Bulletin & Review*, 21(2), 363-369. {IF=2.248}
- [091] **Carbon**, C. C. & Schwarz, M. E. (2014). The share price neglect: Inverse exponential relation between stock share price and risk tolerance. *International Journal of School Psychology and Cognitive Psychology*, 1(102), 1-7. {IF=n.a.}
- [090] Albrecht, S. & **Carbon**, C. C. (2014). The Fluency Amplification Model: Fluent stimuli show more intense but not evidently more positive evaluations. *Acta Psychologica*, 148, 195-203. {IF=2.206}
- [089] **Carbon**, C. C., & Wirth, B. E. (2014). Neanderthal paintings? Production of prototypical human (homo sapiens) faces shows systematic distortions. *Perception*, 43, 99-102. {IF=1.311}
- [088] Cattaneo, Z., Lega, C., Boehringer, J., Girelli, L. & **Carbon**, C. C. (2014). Happiness takes you right: The effect of emotional stimuli on line bisection. *Cognition and Emotion*, 28(2), 325-344. {IF=2.377}

2013 {cIF=73.286}

- [087] **Carbon**, C. C., Grüter, M. & Grüter, T. (2013). Age-dependent face detection and face categorization performance. *PLoS One*, 8(10), e79164. {IF=3.730}
- [086] Planinc, R., Kampel, M., Ortlieb, S., & **Carbon**, C. C. (2013). User-centered design and evaluation of an ambient event detector based on a balanced scorecard approach. *Journal on Advances in Life Sciences*, 5(3&4), 237-249. {IF=to be calculated}

- [085] **Carbon, C. C., & Deininger, P. (2013).** Golden perception: Simulating perceptual habits of the past. *i-Perception*, 4(6), 468-476. {IF=1.482}
- [084] **Carbon, C. C. & Hesslinger, V. M. (2013).** Da Vinci's Mona Lisa entering the next dimension. *Perception*, 42(8), 887-893. {IF=1.311}
- [083] **Renzi, C., Schiavi, S., Carbon, C. C., Vecchi, T., Silvanto, J., & Cattaneo, Z. (2013).** Processing of featural and configural aspects of faces is lateralized in dorsolateral prefrontal cortex: A TMS study. *Neuroimage*, 74, 45-51. {IF=6.252}
- [082] **Ditye, T., Javadi, A. H., Carbon, C. C., & Walsh, V. (2013).** Sleep links sensory adaptation to memory. *Proceedings of the Royal Society of London: Biological Sciences*, 280(1769), 1-8. {IF=5.863}
- [081] **Carbon, C. C. (2013).** Creating a framework for experimentally testing early visual processing. A response to Nurmoja et al.'s article on trait perception from pixelized faces. *Perceptual and Motor Skills*, 117(1), 1-4. {IF=0.655}
- [080] **Raab, M. H., Auer, N., Ortlieb, S. A. & Carbon, C. C. (2013).** The Sarrazin effect: the presence of absurd statements in conspiracy theories makes canonical information less plausible. *Frontiers in Personality Science and Individual Differences*, 4(453), 1-8. {IF=2.843}
- [079] **Raab, M., Ortlieb, S., Guthmann, K., Auer, N., & Carbon, C. C. (2013).** Thirty shades of truth: Conspiracy theories as stories of individuation, not of pathological delusion. *Frontiers in Personality Science and Individual Differences*, 4(406), 1-9. {IF=2.843}
- [078] **Carbon, C.C., & Hesslinger, V. M. (2013).** Attitudes and cognitive distances: On the non-unitary and flexible nature of cognitive maps. *Advances in Cognitive Psychology*, 9(3), 121-129. {IF=1.690}
- [077] **Strobach, T., & Carbon, C. C. (2013).** Face adaptation effects: Reviewing the impact of adapting information, time, and transfer. *Frontiers in Perception Science*, 4(318), 1-12.
- [076] **Muth, C., & Carbon, C. C. (2013).** The Aesthetic Aha: On the pleasure of having insights into Gestalt. *Acta Psychologica*, 144(1), 25-30. {IF=2.255}
- [075] **Carbon, C. C., Faerber, S. J., Gerger, G., Forster, M., & Leder, H. (2013).** Innovation is appreciated when we feel safe: On the situational dependence of the appreciation of innovation. *International Journal of Design*, 7(2), 43-51. {IF=0.725}
- [074] **Schneider, T. M., Hecht, H., Stevanov, J. & Carbon, C. C. (2013).** Cross-ethnic assessment of body weight and height on the basis of faces. *Personality and Individual Differences*, 55, 356-360. {IF=1.877}
- [073] **Cattaneo, Z., Vecchi, T., Monegato, M., Pece, A., Merabet, L. & Carbon, C. C. (2013).** Strabismic amblyopia affects relational but not featural and holistic processing of faces. *Vision Research*, 80, 19-30. {IF=2.414}
- [072] **Carbon, C. C., & Hesslinger, V. M. (2013).** Navigating through a volumetric world does not imply needing a full 3D-representation. *Behavioral Brain Sciences*, 36, 547-548. {IF=25.056}

[071] Muth, C., Pepperell, R. & **Carbon**, C. C. (2013). Give me Gestalt! Preference for Cubist artworks revealing high detectability of objects. *Leonardo*, 46(5), 488-489. {IF=n.a.}

[070] **Carbon**, C. C. (2013). German Bundesrat proposes 2nd usage of publicly funded research. *Current Science*, 104(3), 283-283. {IF=0.935}

[069] Faerber, S. J., & **Carbon**, C. C. (2013). Jump on the innovator's train: Cognitive principles for creating appreciation in innovative product design. *Research in Engineering Design*, 24(3), 313-319. {IF=1.243}

[068] Schmid, U., Siebers, M., Folger, J., Schineller, S., Seuss, D., Raab, M., **Carbon**, C. C., & Faerber, S. J. (2013). A cognitive model for predicting aesthetical judgements as similarity to dynamic prototypes. *Cognitive Systems Research*, 24, 72-79. {IF=1.173}

[067] **Carbon**, C. C., & Jakesch, M. (2013). A model for haptic aesthetic processing and its implications for design. *Proceedings of the IEEE*, 101(9), 1-11. {IF=6.821}

[066] **Carbon**, C. C. (2013). BiDimRegression: Bidimensional regression modeling using R. *Journal of Statistical Software, Code Snippets*, 52, 1-11. {IF=4.091}

2012 {cIF= 16.264}

[065] **Carbon**, C. C., & Albrecht, S. (2012). Bartlett's schema theory: The unreplicated "portrait d'homme" series from 1932. *Quarterly Journal of Experimental Psychology*, 65(11), 2258-2270. {IF=2.212}

[064] Faerber, S. J., & **Carbon**, C. C. (2012). The power of liking: Highly sensitive aesthetic processing for guiding us through the world. *i-Perception*, 3, 553-561. {IF=forthcoming}

[063] **Carbon**, C. C. (2012). Dynamics of aesthetic appreciation. *Human Vision and Electronic Imaging*, 8291(1A), 1-6. {IF=n.a.}

[062] Augustin, M. D., **Carbon**, C. C., & Wagemans, J. (2012). Artful terms: A study on aesthetic word usage for visual art versus film and music. *i-Perception*, 3, 319-337. {IF=1.482}

[061] Schneider, T. M., Hecht, H., & **Carbon**, C. C. (2012). Judging body-weight from faces: The height-weight illusion. *Perception*, 41, 121-124. {IF=1.293}

[060] Jakesch, M., & **Carbon**, C. C. (2012). The Mere Exposure effect in the domain of haptics. *PLoS One*, 7(2), e31215. {IF=4.411}

[059] **Carbon**, C. C., & Ditye, T. (2012). Face adaptation effects show strong and long-lasting transfer from lab to more ecological contexts. *Frontiers in Perception Science*, 3(3), 1-6 {IF=forthcoming}

[058] **Carbon**, C. C., & Schoormans, J. P. L. (2012). Rigidity rather than age as a limiting factor to appreciate innovative design. *Swiss Journal of Psychology*, 71(2), 51-58. {IF=1.024}

[057] Blijlevens, J., Mugge, R., **Carbon**, C. C., & Schoormans, J. P. L. (2012). Aesthetic appraisal of product designs: Independent effects of typicality and arousal. *British Journal of Psychology*, 103, 44-57. {IF=2.114}

[056] Augustin, M. D., Wagemans, J., & **Carbon**, C. C. (2012). All is beautiful? Generality vs. specificity of word usage in visual aesthetics. *Acta Psychologica*, 139(1), 187-201. {IF=2.246}

2011 {cIF= 29.550}

[055] **Carbon**, C. C. (2011). Cognitive mechanisms for explaining dynamics of aesthetic appreciation. *i-Perception*, 2(7), 708-719. {IF=1.482}

[054] **Carbon**, C. C. (2011). The first 100 milliseconds of a face: On the microgenesis of early face processing. *Perceptual and Motor Skills*, 113(3), 859-874. {IF=0.550}

[053] **Carbon**, C. C. (2011). The Carbon_h-Factor: Predicting individuals' research impact at early stages of their career. *PLoS One*, 6(2), e28770. {IF=4.411}

[052] Strobach, T., Ditye, T., & **Carbon**, C. C. (2011). Long-term adaptation effects of highly familiar faces: The influence of inspection length during prior testing. *Perception*, 40, 1000-1004. {IF=1.462}

[051] **Carbon**, C. C., & Hesslinger, V. M. (2011). Bateson et al.'s (2006) Cues-of-being-watched paradigm revisited. *Swiss Journal of Psychology*, 70(4), 203-210. {IF=1.024}

[050] Augustin, M. D., Defranceschi, B., Fuchs, H. K., **Carbon**, C. C. & Hutzler, F. (2011). The neural time course of art perception: An ERP study on the processing of style versus content in art. *Neuropsychologia*, 49, 2071-2081. {IF=4.345}

[049] Leidenfrost, B., Strassnig, B., Schabmann, A., Spiel, C., & **Carbon**, C. C. (2011). Peer mentoring styles and their contribution to academic success among mentees: A person-oriented study in higher education. *Mentoring & Tutoring: Partnership in Learning*, 19(3), 347-364. {n.a.}

[048] Jakesch, M., Zachhuber, M., Leder, H., Spingler, M. & **Carbon**, C. C. (2011). Scenario-based touching. On the influence of top-down processes on tactile and visual appreciation. *Research in Engineering Design*, 22(3), 143-152. {IF=1.038}

[047] Gerger, G., Leder, H., Faerber, S. J., & **Carbon**, C. C. (2011). When the others matter: Context-dependent effects on changes in appreciation of innovativeness. *Swiss Journal of Psychology*, 70(2), 75-83. {IF=1.024}

[046] **Carbon**, C. C., & Ditye, T. (2011). Sustained effects of adaptation on the perception of familiar faces. *Journal of Experimental Psychology: Human Performance and Perception*, 37(3), 615-625. {IF=2.947}

[045] Schoormans, J., **Carbon**, C. C., Gattol, V. (2011). "It's time to take a stand": Depicting crosshairs can indeed promote violence. *Perception*, 40(3), 371-372. {IF=1.462}

[044] Hergovich, A., Gröbl, K., & **Carbon**, C. C. (2011). The magic knife trick as an outlet for analyzing the perceptual limits of combined motion trajectories. *Perception*, 40(3), 358-366. {IF=1.462}

[043] Grüter, T., Grüter, M., & **Carbon**, C. C. (2011). Congenital prosopagnosia. Diagnosis and mental imagery: Commentary on: Tree JJ, and Wilkie J. Face and object imagery in congenital prosopagnosia: A case series. *Cortex*, 47(4), 511-513. {IF=4.050}

[042] Gattol, V., Sääksjärvi, M. C., & **Carbon**, C. C. (2011). Extending the Implicit Association Test (IAT): Assessing consumer attitudes based on multi-dimensional implicit associations. *PLoS One*, 6(1), 1-11. {IF=4.351}

2010 {cIF= 77.542}

[041] Grüter, T., & **Carbon**, C. C. (2010). Escaping attention: Why cognitive dysfunctions are overlooked. *Science*, 328(5977), 435-436. {IF=28.103}

[040] Belke, B., Leder, H., Strobach, T., & **Carbon**, C. C. (2010). Cognitive fluency: High-level processing dynamics in art appreciation. *Psychology of Aesthetics, Creativity, and the Arts*, 4(4), 214-222. {IF=1.230}

[039] **Carbon**, C. C., & Schoormans, J. P. L. (2010). And the winner is: Globalization. Olympic gold medals as indicator for a global world. *Current Science*, 99(1), 20-20. {IF=0.782}

[038] Faerber, S. J., Leder, H., Gerger, G., & **Carbon**, C. C. (2010). Priming semantic concepts affects the dynamics of aesthetic appreciation. *Acta Psychologica*, 135(2), 191-200. {IF=2.155}

[07] **Carbon**, C. C. (2010). Fundamental Change in German Research Policy. *Science*, 328(5978), 569-569. {IF=28.103}

[036] **Carbon**, C. C. (2010). The Earth is flat when personally significant experiences with the sphericity of the Earth are absent. *Cognition*, 116(1), 130-135. {IF=3.481}

[035] **Carbon**, C. C. (2010). The cycle of preference: Long-term dynamics of design properties. *Acta Psychologica*, 134(2), 233-244. {IF=2.155}

[034] Windhager, S., Hutzler, F., **Carbon**, C. C., Oberzaucher, E., Schaefer, K., Thorstensen, T., Leder, H., & Grammer, K. (2010). Laying eyes on headlights: Eye movements reveal facial features in cars. *Collegium Antropologicum*, 34(3), 1075-1080. {IF=0.631}

[033] **Carbon**, C. C., Grüter, T., Grüter, M., Weber, J. E., & Lueschow, A. (2010). Dissociation of facial attractiveness and distinctiveness processing in congenital prosopagnosia. *Visual Cognition*, 18(5), 641-654. {IF=2.095}

[032] Belke, B., Leder, H., Harsanyi, G., & **Carbon**, C. C. (2010). When a Picasso is a "Picasso": The entry point in the identification of visual art. *Acta Psychologica*, 133(2), 191-202. {IF=2.155}

[031] Bohrn, I., **Carbon**, C. C., & Hutzler, F. (2010). Mona Lisa's smile: Perception or deception? *Psychological Science*, 21(3), 378-380. {IF=4.812}

[030] **Carbon**, C. C. (2010). Cognitive continental drift: How attitudes can change the overall pattern of cognitive distances. *Environment and Planning A*, 42(3), 715-728. {IF=1.726}

2009 {cIF= 6.038}

[029] Derntl, B., Seidel, E.-M., Kainz, E., & **Carbon**, C. C. (2009). Recognition of emotional expressions is affected by inversion and presentation time. *Perception*, 38, 1849-1862. {IF=1.360}

[028] **Carbon**, C. C. (2009). Science means jobs. On the necessity of planning reliability in science. *Current Science*, 95(7), 875. {IF=0.774}

[027] Leidenfrost, B., Strassnig, B., Schabmann, A., & **Carbon**, C. C. (2009). Improvement of the study situation for beginners through cascaded blended mentoring. *Psychologische Rundschau*, 60(2), 99-109. {IF=1.704}

[026] Grüter, T., Grüter, M., Bell, V., & **Carbon**, C. C. (2009). Visual mental imagery in congenital prosopagnosia. *Neuroscience Letters*, 453(3), 135-140. {IF=2.200}

[025] **Carbon**, C. C. (2009). European publication issues from an Austrian perspective. *Psychology Science Quarterly*, 51, 69-87. {IF=n.a.}

2008 {cIF= 34.852}

[024] **Carbon**, C. C. (2008). Web of Science: Science trapped in a spider's web. *Current Science*, 94(10), 1234-1234. {IF=0.737}

[023] **Carbon**, C. C. (2008). Second basket's negative impact. *Science*, 319(5869), 1483-1483. {IF=30.028}

[022] **Carbon**, C. C., Michael, L., & Leder, H. (2008). Innovative concepts of car interiors measured by electro-dermal activity (EDA). *Research in Engineering Design*, 19(2-3), 143-149. {IF=0.667}

[021] Augustin, M. D., Leder, H., Hutzler, F., & **Carbon**, C. C. (2008). Style follows content. On the microgenesis of art perception. *Acta Psychologica*, 128(1), 127-138. {IF=2.094}

[020] **Carbon, C. C.** (2008). Famous faces as icons. About the illusion of being an expert in the recognition of famous faces. *Perception*, 37(5), 801-806. {IF=1.585}

[019] Grueter, T., Grueter, M., & **Carbon, C. C.** (2008). Neural and genetic foundations of face recognition and prosopagnosia. *Journal of Neuropsychology*, 2(1), 79-97. {IF=1.140}

2007 {cIF=3.221}

[018] **Carbon, C. C.** (2007). Autobahn People: Distance estimations between German cities biased by social factors and the Autobahn. *Lecture Notes in Artificial Intelligence*, 4387, 489-500. {IF=n.a.}

[017] **Carbon, C. C.**, Grueter, T., Weber, J. E., & Lueschow, A. (2007). Faces as objects of non-expertise: Processing of Thatcherised faces in congenital prosopagnosia. *Perception*, 36(11), 1635-1645. {IF=1.585}

[016] **Carbon, C. C.**, Strobach, T., Langton, S., Harsányi, G., Leder, H., & Kovács, G. (2007). Adaptation effects of highly familiar faces: immediate and long lasting. *Memory & Cognition*, 35(8), 1966-1976. {IF=1.512}

[015] **Carbon, C. C.**, & Leder, H. (2007). Design Evaluation: From typical problems to state-of-the-art solutions. *Marketing Review St. Gallen (Thesis)*, 2007(2), 33-37. {IF=n.a.}

[014] Leder, H., **Carbon, C. C.**, & Kreuzbauer, R. (2007). Product-design perception and brand strength. *Marketing Review St. Gallen (Thesis)*, 2007(2), 4-7. {IF=n.a.}

2006 {cIF=5.559}

[013] **Carbon, C. C.**, & Leder, H. (2006). The Mona Lisa effect: is 'our' Lisa fame or fake? *Perception*, 35(3), 411-414. {IF=1.585}

[012] Leder, H., & **Carbon, C. C.** (2006). Face-specific configural processing of relational information. *British Journal of Psychology*, 97(1), 19-29. {IF=1.641}

[011] Leder, H., **Carbon, C. C.**, & Ripsas, A. (2006). Entitling art: Influence of title information on understanding and appreciation of paintings. *Acta Psychologica*, 121(2), 176-198. {IF=2.094}

[010] **Carbon, C. C.**, Hutzler, F., & Minge, M. (2006). Innovation in design investigated by eye movements and pupillometry. *Psychology Science*, 48(2), 173-186. {IF=n.a.}

[009] **Carbon, C. C.**, & Leder, H. (2006). When faces are heads! View-dependent effects of relationally and componentially altered faces. *Swiss Journal of Psychology*, 65(4), 245-252. {IF=0.239}

2005 {cIF=9.495}

[008] **Carbon**, C. C., & Leder, H. (2005). The Repeated Evaluation Technique (RET). A method to measure dynamic effects of innovativeness and attractiveness. *Applied Cognitive Psychology*, 19(5), 587-601. {IF=1.028}

[007] **Carbon**, C. C., & Leder, H. (2005). Face adaptation: Changing stable representations of familiar faces within minutes? *Advances in Cognitive Psychology*, 1(1), 1-7. {IF=n.a.}

[006] Leder, H., & **Carbon**, C. C. (2005). Dimensions in appreciation of car interior design. *Applied Cognitive Psychology*, 19(5), 603-618. {IF=1.028}

[005] Leder, H., & **Carbon**, C. C. (2005). When context hinders. Learn-test-compatibility in face recognition. *Quarterly Journal of Experimental Psychology*, 58A(2), 235-250. {IF=2.154}

[004] **Carbon**, C. C., Schweinberger, S. R., Kaufmann, J. M., & Leder, H. (2005). The Thatcher illusion seen by the brain: An event-related brain potentials study. *Cognitive Brain Research*, 24(3), 544-555. {IF=2.568}

[003] **Carbon**, C. C., & Leder, H. (2005). When feature information comes first! Early processing of inverted faces. *Perception*, 34(9), 1117-1134. {IF=1.585}

[002] **Carbon**, C. C., & Leder, H. (2005). The Wall inside the Brain. Overestimation of distances crossing the former iron curtain. *Psychonomic Bulletin & Review*, 12(4), 746-750. {IF=2.229}

2004 {cIF=n.a.}

[001] Leder, H., & **Carbon**, C. C. (2004). Part to whole effects and configural processing in faces. *Psychology Science*, 46(4), 531-543. {IF=n.a.}

Editorials

[005] **Carbon**, C. C., & Goetz, I. (2025). Abstracts from the 10th Visual Science of Art Conference (VSAC). *Art & Perception*, 13(1), 1-83.

[004] **Carbon**, C. C., & van Buren, B. (2024). Abstracts from the 9th Visual Science of Art Conference (VSAC). *Art & Perception*, 12(1), 1-87.

[003] Wijntjes, M., Goede, N., & **Carbon**, C. C. (2023). Abstracts from the 8th Visual Science of Art Conference (VSAC). *Art & Perception*, 11(2), 105-199.

[002] Pavlova, M. A., **Carbon**, C. C., Coello, Y., Sokolov, A. A., & Proverbio, A. M. (2023). Editorial. Impact of face covering on social cognition and interaction. *Frontiers in Neuoscience—Perception Science*, 17(1150604), 1-4. {IF=5.152}

[001] **Carbon, C. C.** & Fingerhut, J. (2017). Bridging art and the visual sciences. *Art & Perception*, 5(4), 347-352.

Other publications (listed or forthcoming in ISI WebOfScience)

[188] Campagna, M., Pastukhov, A., & **Carbon, C. C.** (2024). Capturing Aesthetic Experience by verbal expressions: Identifying core concept variables from natural language processing. *Perception*, 53(S).

[187] **Carbon, C. C.**, Grüter, T. & Grüter, M. (2024). Congenital Prosopagnosia: Face agnostic but not social-emotional agnostic. *Perception*, 53(S).

[186] Weithase, L., Schädlich, L., **Carbon, C. C.**, & Pastukhov, A. (2024). Attention works as a filter for prior perceptual decisions in serial dependence. *Perception*, 53(S).

[185] Pastukhov, A., Littke, O. & **Carbon, C. C.** (2024). Onset disambiguation of multistable displays relies on accumulation of sensory evidence over time. *Perception*, 53(S).

[184] Kohllöffel, K., Luccarelli, M., & **Carbon, C. C.** (2023). Green product personality: developing a product concept made of recycled ocean plastic based on the collection of context-related personality traits. *Proceedings of the Design Society*, 3, 2065-2074.

[183] Lavrsen, J., Daalhuizen, J., & **Carbon, C. C.** (2023). The design mindset inventory (D-Mindset0): A preliminary instrument for measuring design mindset. *Proceedings of the Design Society*, 3, 3355-3364.

[182] Müller, R., Utz, S., **Carbon, C. C.**, & Strobach, T. (2022). Face adaptation effects on non-configural face information. *Perception*, 51(1S), 135-135.

[181] Döbler, N., della Guardia, J., & **Carbon, C. C.** (2022). Stumbling affords remembrance: Perceptual and behavioral engagement with a Holocaust memorial. *Perception*, 51(1S), 133-134.

[180] **Carbon, C. C.**, Styrnal, M. & Pastukhov, A. (2022). The central shadow rules them all: About how we assess the main location of light source via analysis of drop shadows in a scene. *Perception*, 51(1S), 124-124.

[179] Pastukhov, A., & **Carbon, C. C.** (2022). Central EEG components P2 and P4 are sensitive to differentiating between bistable and unambiguous kinetic-depth effect displays. *Perception*, 51(1S), 86-86.

[178] Pastukhov, A., & **Carbon, C. C.** (2022). Spread the word: Perceptual switches propagate new state within spatial surround. *Perception*, 51(1S), 59-59.

[177] Koßmann, L., **Carbon, C. C.**, & Pastukhov, A. (2022). How to form perceptual memory of multistability: Bias perception but gently. *Perception*, 51(1S), 14-14.

- [176] Schneider, T. M., & **Carbon**, C. C. (2022). The Episodic Prototypes Model (EPM): On the nature and genesis of facial representations based on a face-verification-task. *Perception*, 51(1S), 25-25.
- [175] Raab, M., Strynal, M., Amichai-Hamburger, Y., Pastukhov, A., & **Carbon**, C. C. (2022). Face masks undermine first-glance affective responses to emotional facial displays. *Perception*, 51(1S), 24-25.
- [174] Koßmann, L., **Carbon**, C. C., & Pastukhov, A. (2022). How to form perceptual memory of multistability: Bias perception but gently. *Perception*, 51(1S), 14-14.
- [173] Strynal, M., **Carbon**, C. C., & Pastukhov, A. (2022). Kinetic-depth effect multistability persists when attention is distracted by an attention-demanding RSVP task. *Perception*, 51(1S), 13-13.
- [172] Mueller, R., Utz, S., **Carbon**, C. C., & Strobach, T. (2021). Face Adaptation Effects on Non-Configural Face Information. *Perception*, 50(1S), 87-88.
- [171] Strynal, M., Pastukhov, A., & **Carbon**, C. C. (2021). Multistability: Perceptual history alters shape (not just the mean) of dominance phase distribution. *Perception*, 50(1S), 34-34.
- [170] Janković, D., & **Carbon**, C. C. (2021). Art experience in VR vs. real-world context: A question of ecological validity. *Perception*, 50(1S), 58-58.
- [169] Döbler, N. A., & **Carbon**, C. C. (2021). The View From Somewhere: Perspective and Relational Foundation of Outer Space Perception. *Perception*, 50(1S), 180-181.
- [168] Goetz, I. & **Carbon**, C. C. (2021). Theoretical and Empirical Considerations of The Mode of Art Experience (MAX) Concept. *Perception*, 50(1S), 107-108.
- [167] Maier, E. M., Ortlieb, S. A., & **Carbon**, C. C. (2021). When conventionality breeds contempt: Using the Repeated Evaluation Technique (RET) to predict kitsch judgements. *Perception*, 50(1S), 127-127.
- [166] Mertz, A. E., Schneider, T. M., & **Carbon**, C. C. (2021). Applying Fechner's Aesthetic Association Principle to the World of Testimonials. *Perception*, 50(1S), 109-109.
- [165] Muth, C., Pastukhov, A., & **Carbon**, C. C. (2021). Anticipating transitions in a movie. On dynamic order and interesting dynamics. *Perception*, 50(1S), 88-88.
- [164] Raab, M. H., & **Carbon**, C. C. (2021). Perceiving the own fovea by using a rotating disc. *Perception*, 50(1S), 79-79.
- [163] Pastukhov, A., Strynal, M., & **Carbon**, C. C. (2021). Multistability of homonyms' meaning. *Perception*, 50(1S), 81-81.
- [162] Koßmann, L., Pastukhov, A., & **Carbon**, C. C. (2021). Proximity, expectations, and attention but not necessarily physics determine perception for simultaneously viewed multiple bistable displays. *Perception*, 50(1S), 81-82.

- [161] Ziat, M., Li, Z., Jhunjhunwala, R., & **Carbon**, C. C. (2021). Touching a Renoir: Understanding the associations between visual and tactile characteristics. *Perception*, 50(1S), 102-102.
- [160] Witt, J., Dumancic, S., Guns, T., & **Carbon**, C. C. (2021). A grammar-based description of perceptual organization for scene segmentation. *Perception*, 50(1S), 84-84.
- [159] **Carbon**, C. C., Pastukhov, A., & Serrano, M. (2021). Experiencing Face Masks. About the impact face masks have on perception and action. *Perception*, 50(1S), 45-46.
- [158] Pastukhov, A., & **Carbon**, C. C. (2020). Perceptual switch creates a transient bias in favor of the new state at neighboring locations. Stimulus ambiguity does not matter. *Journal of Vision*, 20(11), 349-349. DOI: 10.1167/jov.20.11.349
- [157] Pastukhov, A., Kastrup, P., Abs, I. F., & **Carbon**, C. C. (2019). Switch rates for orthogonally oriented kinetic-depth displays are correlated across observers. *Journal of Vision*, 19(6), 349-349. DOI: 10.1167/19.6.1
- [156] **Carbon**, C. C. (2019). Ecological art experience: How we can learn from ecologically valid settings and contexts. *Art & Perception*, 7, 332-332.
- [155] Muth, C., Briesen, J. & **Carbon**, C. C. (2019). How does restricting vision of a scene with masking or filtering affect drawing from observation? *Art & Perception*, 7, 298-298.
- [154] Ortlieb, S. & **Carbon**, C. C. (2019). Back to the roots: Towards a new 'Aesthetic from Below'. *Art & Perception*, 7, 308-308.
- [153] Raab., M. H. & **Carbon**, C. C. (2019). There is a crack in everything. Is that how the appreciation comes in? *Art & Perception*, 7, 320-320.
- [152] Madjarev, M., Pavlovic, T., **Carbon**, C. C. & Jankovic, D. (2019). Aesthetic experience of artworks in VR gallery: The role of affective dimensions. *Art & Perception*, 7, 330-330.
- [151] Vlasova, J., Fischer, U. C., Vlasova, J., **Carbon**, C. C. & Ortlieb, S. A. (2019). An itch for kitsch: Do needs for security and arousal modulate the appreciation of decorative everyday objects? *Art & Perception*, 7, 317-317.
- [150] Fischer, U. C., Vlasova, J., **Carbon**, C. C. & Ortlieb, S. A. (2019). Who's afraid of kitsch? Anxiety-related coping styles modulate the appreciation of decorative everyday objects. *Art & Perception*, 7, 316-316.
- [149] Tratz, C., Schneider, T. M. & **Carbon**, C. C. (2019). Terminology and classification of Selfies. *Art & Perception*, 7, 313-313.
- [148] Fingerhut, J., Ballestrem, M. & **Carbon**, C. C. (2019). How does restricting vision of a scene with masking or filtering affect drawing from observation? *Art & Perception*, 7, 289-289.
- [147] Janković, D., Jevremović, V. & **Carbon**, C. C. (2019). Visual art in the digital age: About the art experience in VR vs. ordinary displayed museum contexts. *Art & Perception*, 7, 291-291.

- [146] Pastukhov, A. & **Carbon**, C. C. (2019). Perceptual inference is facilitated by transient propagation of information about newly established state to nearby locations. *Perception*, 48(S2), 65-66.
- [145] Knebel, K., Pastukhov, A., & **Carbon**, C. C. (2019). Psychophysical testing in virtual reality: The future lab Setting or misleading garden-path? *Perception*, 48(S2), 219-219.
- [144] **Carbon**, C. C. & Hesslinger, V. M. (2019). Experiencing ASMR: About the phenomenology of video sequences that trigger excitement and subsequent relaxation. *Perception*, 48(S2), 97-97.
- [143] Muth, C. & **Carbon**, C. C. (2019). Ambivalence of artistic photographs can foster interest and the motivation to engage. *Perception*, 48(S2), 97-97.
- [142] Mueller, R., Utz, S., **Carbon**, C. C., & Strobach, T. (2019). Face adaptation effects on nonconfigural information. *Perception*, 48(S2), 132-133.
- [141] Witt, J. M. & **Carbon**, C. C. (2019). Frequency-based object identification: Exploring spectral analysis as a means of simulating human perception in visual systems. *Perception*, 48(S2), 135-135.
- [140] Kossmann, L., **Carbon**, C. C., & Pastukhov, A. (2019). Perceptual dominance in face rivalry is driven by low-level properties. *Perception*, 48(S2), 176-177.
- [139] Styral, M., Walther, K., Pastukhov, A., & **Carbon**, C. C. (2019). Bistable photos do not pop out but provoke a prolonged inspection. *Perception*, 48(S2), 177-177.
- [138] Utz, S., Hartmann, J., & **Carbon**, C. C. (2019). Crossmodal correspondence between sensory mode and hue: Comparing explicit and implicit measures. *Perception*, 48(S2), 198-198.
- [137] Adiarte, S., & **Carbon**, C. C. (2019). How dynamic visual cues help to expose a liar: Laban/Bartenieff Movement Studies in the field of police interviewing. *Perception*, 48(S1), 57-57.
- [136] Roeder, S., Trapp, W., & **Carbon**, C. C. (2019). Nature-themed puzzles and the Aesthetic Aha. *Perception*, 48(S1), 113-113.
- [135] Utz, S., & **Carbon**, C. C. (2019). The iron lady gets emotional: Emotional expressions strongly impact the Thatcher illusion. *Perception*, 48(S), 72-72.
- [134] Mueller, R., Utz, S., **Carbon**, C. C., & Strobach, T. (2019). Face adaptation aftereffects on local information. *Perception*, 48(S1), 19-19.
- [133] Pastukhov, A., Zaus, C. R., & **Carbon**, C. C. (2019). Location-specific priming of perceptual reversals for kinetic-depth effect. *Perception*, 48(S), 37-37.
- [132] **Carbon**, C. C. (2019). What happens when you perceive a sun eclipse? *Perception*, 48(S1), 23-23.

- [131] Schneider, T. M., Pastukhov, A., & **Carbon**, C. C. (2019). Historic Faces: An investigation of head and eye direction in art portraits across 1000 years of Western history. *Perception*, 48(S1), 24-24.
- [130] Raab, M. Burmester, A., **Carbon**, C. C., & Pastukhov, A. (2019). Add-on gamification might help to increase participants' motivation, but not evidently their performance in a visual color-matching task. *Perception*, 48(S1), 134-135
- [129] Utz, S., Weigand, S., & **Carbon**, C. C. (2018). Implicit measurement of the own-race bias using the visual search paradigm. *Journal of Vision*, 19(10), 290-290. doi: 10.1167/18.10.290
- [128] **Carbon**, C. C., & Fingerhut, J. (2017). Abstracts from the 5th Visual Science of Art Conference (VSAC). *Art & Perception*, 5(4), 337-426. doi: 10.1163/22134913-00002099
- [127] Utz, S., Knauss, F. & **Carbon**, C. C. (2017). The unnoticed zoo: inattentional deafness of animal sounds in music. *Journal of Vision*, 17(10), 1209-1209. doi: 10.1167/17.10.1209
- [126] Pastukhov, A., Prasch, J., & **Carbon**, C. C. (2017). Out of sight, out of mind: Complete occlusion destabilizes moving multi-stable structure-from-motion displays. *Perception*, 46(S), 226-226.
- [125] Utz, S., & **Carbon**, C. C. (2017). When vision is more emotionally loaded than music – the impact of visual-acoustic compatibilities in films on emotional assessments. *Perception*, 46(S), 189-190.
- [124] Muth, C., Albrecht, S. A., & **Carbon**, C. C. (2017). “Aha”ptics: Experiencing and enjoying an Aesthetic Aha during haptic exploration. *Perception*, 46(S).
- [123] Brütting, U., & **Carbon**, C. C. (2017). Ekman's expression research revisited: Theoretically and empirically checking the current standards of emotion expression research. *Perception*, 46(S), 29-29.
- [122] Pongjitt, A., & **Carbon**, C. C. (2017). Reflecting and optimizing the terminology of prosopagnosia research. *Perception*, 46(S), 105-105.
- [121] Wehrle, T., Ortlieb, S. A., & **Carbon**, C. C. (2017). How modified brand logos affect implicit attitudes: Is “Subvertising” really subversive? *Perception*, 46(S), 135-135.
- [120] Schneider, T. M., & **Carbon**, C. C. (2017). How a face becomes familiar? Episodic facial prototypes and representations are generated across the life-span. *Perception*, 46(S), 34-34.
- [119] Wirth, B., & **Carbon**, C. C. (2017). Face experts? Assessing passport-matching performance in police officers and novices. *Perception*, 46(S), 257-257.
- [118] Raab, M. H., & **Carbon**, C. C. (2017). The clear-cut water drop: A visual illusion to perceive top-down saccadic fill-in. *Perception*, 46(S), 84-84.

- [117] Roeder, S., & **Carbon**, C. C. (2017). Men's perception of women's personality from static and dynamic visual cues. *Perception*, 46(S), 105-105.
- [116] Muth, C., Albrecht, S. A., & **Carbon**, C. C. (2017). "Aha"ptics: Experiencing and enjoying an Aesthetic Aha during haptic exploration. *Perception*, 46(S), 117-117.
- [115] **Carbon**, C. C. (2017). The Moon Illusion revisited: New insights by employing the Moon Diary app in the field. *Perception*, 46(S), 64-64.
- [114] **Carbon**, C. C. (2017). Measurement problems and measurement strategies for capturing the rich experience of art. *Electronic Imaging*, 2017(17), 242-247.
- [113] **Carbon**, C. C. (2016). On the aesthetic appeal of non-easy-on-the-mind artworks. *International Journal of Psychology*, 51(S1), 59-59. {IF=0.404}
- [112] **Carbon**, C. C. (2016). How we can solidly solve a couple of so-called >>mysteries<< of the Mona Lisa by means of psychological methodology. *International Journal of Psychology*, 51(S1), 58-58. {IF=0.404}
- [111] Raab, M. H., Mironova, A., & **Carbon**, C. C. (2016). Yellow is more creative than you know: Exploring implicit color associations with the multidimensional IAT. *Perception*, 45(S), 220-221.
- [110] Ortlieb, S. A., Rutar, D., Stojilovic, I., & **Carbon**, C. C. (2016). Blue, white and pink—A cross-cultural comparison of kitsch and kic concepts from Bavaria, Serbia, and Slovenia. *Perception*, 45(S), 216-216.
- [109] Fischer, U. C., **Carbon**, C. C., Rutar, D., Stojilovic, I., & Ortlieb, S. A. (2016). The big picture of aesthetics changes depending on the level of analysis. *Perception*, 45(S), 191-192.
- [108] Breitschaft, S. J., & **Carbon**, C. C. (2016). Multisensory adaptation: How visual are haptics? *Perception*, 45(S), 147-147.
- [107] Schneider, T. M., & **Carbon**, C. C. (2016). An episodic face space model for representing faces. *Perception*, 45(S), 88-89.
- [106] Röder, S., **Carbon**, C. C., Shackelford, T. K., Pisanski, K., Weege, B., & Fink, B. (2016). Men's visual attention to and perceptions of women's dance movements. *Perception*, 45(S), 61-61.
- [105] Utz, S., & **Carbon**, C. C. (2016). Influences on the perception of the morphing face illusion. *Perception*, 45(S), 39-40.
- [104] Muth, C., & **Carbon**, C. C. (2016). Interest is evoked by semantic instability and the promise of new insight. *Perception*, 45(S), 38-39.
- [103] **Carbon**, C. C. (2016). The simplest visual illusion of all time? The folded paper-size illusion. *Perception*, 45(S), 38-38.

- [102] Utz, S., & **Carbon**, C. C. (2016). Do children with Autism Spectrum Disorder perceive emotional faces differently? *Journal of Vision*, 16, 486-486. DOI: 10.1167/16.12.486
- [101] Ditye, T., Hiess, B., Petzka, M., **Carbon**, C. C. & Ansorge, U. (2016). Long-term face aftereffects are more robust following distributed adaptation. *Journal of Vision*, 16, 532-532. DOI: 10.1167/16.12.532
- [100] **Carbon**, C. C. (2016). Beyond the predominance of the visual empire: A functional model on haptics & more. *Electronic Imaging*, 2016(16), 1-2.
- [99] Hörnig, F., Möller, M., & **Carbon**, C. C. (2015). The colorful stranger in the mirror – the strange-face-in-the-mirror illusion revisited. *Perception*, 44(S1), 218-218.
- [98] Albrecht, S. A., & **Carbon**, C. C. (2015). The Fluency Amplification Model (FAM). *Perception*, 44(S1), 172-172.
- [97] **Carbon**, C. C. (2015). The concept of fluency: Current streams, active models, new challenges, general limitations. *Perception*, 44(S1), 170-171.
- [96] Hesslinger, V. M., & **Carbon**, C. C. (2015). Testing several hypotheses for dissociate colour perception on #TheDress. *Perception*, 44(S1), 148-148.
- [95] Albrecht, S., Pastukhov, A., & **Carbon**, C. C. (2015). Startling fluency? Testing effects of processing fluency on affect-modulated startle. *Perception*, 44(S1), 69-70.
- [94] Raab, M. H., Ortlieb, S. A., Gebauer, F., Ettner, J., & **Carbon**, C. C. (2015). Vita brevis, kitsch longae—When death was salient, kitsch appears less kitschy. *Perception*, 44(S1), 67-67.
- [93] Deibel, S., Gebauer, F., & **Carbon**, C. C. (2015). Investigating visual stimuli processing under mortality salience on a microgenetic level. *Perception*, 44(S1), 62-63.
- [92] Schneider, T. M., & **Carbon**, C. C. (2015). On the genesis and processing of facial representations and prototypes. *Perception*, 44(S1), 53-53.
- [91] Utz, S., & **Carbon**, C. C. (2015). Impaired configural processing for other-race faces revealed by a Thatcher illusion paradigm. *Perception*, 44(S1), 48-49.
- [90] Muth, C., **Carbon**, C. C., & Hesslinger, V. M. (2015). Unsolvable, yet insightful: The appeal of indeterminate and ambiguous artworks. *Perception*, 44(S1), 34-35.
- [89] Reiter, T., K., Ortlieb, S., & **Carbon**, C. C. (2015). Kitsch: Is it better than its reputation? Comparing explicit and implicit aesthetic processing. *Perception*, 44(S1), 33-34.
- [88] Ortlieb, S., Fischer, U. C., & **Carbon**, C. C. (2015). Burke's fallacy: Is there a male gaze in empirical aesthetics? *Perception*, 44(S1), 30-30.
- [87] Röder, F. & **Carbon**, C. C. (2015). Average faces: Skin texture more than facial symmetry predicts attractiveness perceptions of female faces. *Perception*, 44(S1), 25-26.
- [86] Gebauer, F. & **Carbon**, C. C. (2015). Perceiving the Ukraine Crisis is a matter of visual depiction. *Perception*, 44(S1), 6-7.

- [85] Utz, S., & **Carbon**, C. C. (2015). Is the Flashed Face Distortion Effect expertise-based? - a systematic experimental investigation. *Journal of Vision*, 15(12), 147-147. DOI: 10.1167/15.12.147
- [84] Utz, S., & **Carbon**, C. C. (2014). Do task demands influence the perception of symmetry? *Journal of Vision*, 14(10), 91-91. DOI: 10.1167/14.10.91
- [83] Albrecht, S. & **Carbon**, C. C. (2014). Amplification effects of processing fluency on implicit affective evaluation. *Perception*, 43(S), 154-154.
- [82] Utz, S. & **Carbon**, C. C. (2014). Face familiarity as a modulating but not a necessary factor for specific Thatcherization effects? *Perception*, 43(S), 18-18.
- [81] Roeloffs, H., Tredoux, C., Harsányi, G., & **Carbon**, C. C. (2014). Cross-cultural categorization of black and white faces. *Perception*, 43(S), 128-128.
- [80] Schneider, T. M., & **Carbon**, C. C. (2014). Why is this specific image of Madonna the most prototypical one? Predicting prototypicality on basis of inspection frequency and familiarity. *Perception*, 43(S), 17-17.
- [79] Hesslinger, V., & **Carbon**, C. C. (2014). Red card for red: Questioning the positive effect of the colour red on male attractiveness. *Perception*, 43(S), 156-156.
- [78] Raab, M., Muth, C., & **Carbon**, C. C. (2014). What can the pupil size tell us about aesthetics? Towards a multidimensional model of complex continuous experience. *Perception*, 43(S), 159-159.
- [77] Muth, C., Raab, M., & **Carbon**, C. C. (2014). Stream along the aesthetic mind. The dynamics of elaborating artistic movies. *Perception*, 43(S), 10-10.
- [76] **Carbon**, C. C. & Hesslinger (2014). Analyzing artworks by means of vision sciences: the case of two Mona Lisas generating a stereogram. *Perception*, 43(S), 9-9.
- [75] Ortlieb, S., & **Carbon**, C. C. (2014). In the mood for kitsch? Towards a functional model linking aesthetic appreciation to the dynamics of social motivation and self-determinacy. *Perception*, 43(S), 159-159.
- [74] Hesslinger, V. M., & **Carbon**, C. (2013). Who is the best Gioconda of them all? On the relativity of artistic quality caused by prior visual elaboration. *Perception*, 42(S), 103-103.
- [73] Muth, C., Pepperell, R., & **Carbon**, C. C. (2013). In search of Gestalt. Detectability of objects within cubist artworks enhances appreciation. *Perception*, 42(S), 102-102.
- [72] Möller, M. K., & **Carbon**, C. C. (2013). „He’s got his father’s nose!“ – Factors involved in kinship – perception. *Perception*, 42(S), 200-200.
- [71] Utz, S., & **Carbon**, C. C. (2013). Do first impressions count? – Influences on the perception of ambiguous pictures. *Perception*, 42(S), 106-106.
- [70] **Carbon**, C. C., & Jakesch, M. (2013). Empirical aesthetics from a haptic perspective: A functional model for haptic aesthetic processing. *Perception*, 42(S), 105-105.

- [69] Utz, S., & **Carbon**, C. C. (2013). Does the direction of dimensional changes influence reaction time costs in visual search. *Journal of Vision*, 13(9):688-688. DOI: 10.1167/13.9.688
- [68] Fischer, U. C., **Carbon**, C. C., Wagemans, J., & Augustin, M. D. (2012). Is there a common trait of aesthetic assessment or does it depends on the assessed content? *Perception*, 41(S), 96-96.
- [67] Wirth, B. E., & **Carbon**, C. C. (2012). Matching unfamiliar faces under ecological conditions: Factors of stimulus similarity and feature exchange. *Perception*, 41(S), 101-101.
- [66] López Hernan Perez, T., & **Carbon**, C. C., & Hesslinger, V. (2012). High-level color adaptation for familiar objects. *Perception*, 41(S), 184-184.
- [65] Groh, M. K., & **Carbon**, C. C. (2012). How heavy is red? Towards a psychophysical framework of color weights. *Perception*, 41(S), 233-233.
- [64] Kraemer, P., & **Carbon**, C. C. (2012). How Expectation changes the appreciation of arts. *Perception*, 41(S), 181-181.
- [63] Utz, S., & **Carbon**, C. C. (2012). Does top-down information influence the afterimage illusion? *Perception*, 41(S), 54-54
- [62] **Carbon**, C. C., & Diener Rico, F. (2012). Forty years later: Are objects still mentally rotated as in 1971? *Perception*, 41(S), 116-116.
- [61] Albrecht, S., & **Carbon**, C. C. (2012). Perceptual Fluency does not necessarily increase aesthetic appreciation: Evidence against the Hedonic Fluency Model. *Perception*, 41(S), 234-234.
- [60] Reiter, T. K., & **Carbon**, C. C. (2012). The spot that decides on the Gestalt: Gestalt psychology in the context of blindspot perception. *Perception*, 41(S), 100-100.
- [59] Harsanyi, G., Raab, M., Hesslinger, V., Düclos, D., Zink, J., & **Carbon**, C. C. (2012). The face of terrorism: Stereotypical Muslim facial attributes evoke implicit perception of threat. *Perception*, 41(S), 111-111.
- [58] Raab, M., Shengelia, N., & **Carbon**, C. C. (2012). Towards an emotional footprint: Non-verbal analysis of emotionally processed visual stimuli via posturography. *Perception*, 41(S), 96-96.
- [57] Haertel, M., & **Carbon**, C. C. (2012). What is the main ingredient for transforming an ordinary object to a piece of art? Aesthetic Evaluations on objects of judgments ambiguous art quality. *Perception*, 41(S), 231-231.
- [56] Muth, C., & **Carbon**, C. C. (2012). There's more than one way to irritation! An attempt to categorize ambiguity in art. *Perception*, 41(S), 233-233.
- [55] Boehringer, J., **Carbon**, C. C., & Faerber, S. J. (2012). The specificity of art revealed by an empirical study on multi-cultural aesthetic material. *Perception*, 41(S), 231-231.

- [54] Schneider, T. M., **Carbon**, C. C., & Hecht, H. (2012). Estimating weight and height based on mental norms: A cross-cultural study from Germany and Japan. *Perception*, 41(S), 96-96.
- [53] Luedtke, R. A., Hesslinger, V. M., & **Carbon**, C. C. (2012). Different facets of facial attractiveness: Specification of the relationship between attractiveness, beauty, prettiness and sexual attraction. *Perception*, 41(S), 116-116.
- [52] Hesslinger, V. M., & Görlitz, R., & **Carbon**, C. C. (2012). What 80 Lisas can reveal about Leonardo's Mona Lisa: One step further in demystifying La Gioconda's absorbing smile. *Perception*, 41(S), 232-232.
- [51] Faerber, S. J., & **Carbon**, C. C. (2012). Adaptation transfer effects are moderated by the similarity to the adaptors. *Perception*, 41(S), 180-180.
- [50] **Carbon**, C. C. (2012). On the evolution of taste: Why and how taste emerges, changes, adapts. *International Journal of Psychology*, 47(S1), 371-371. {IF=0.404}
- [49] **Carbon**, C. C. (2012). Why cognitive deficits like congenital prosopagnosia are often overlooked and what we can do against this neglect. *International Journal of Psychology*, 47(S1), 110-110. {IF=0.404}
- [48] Carbon, C. C. (2012). Dynamics of aesthetic appreciation. *Proceedings of SPIE (International Society for Optics and Photonics)*, 8291, 82911A.
- [47] Augustin, M. D., **Carbon**, C. C., & Wagemans, J. (2011). Measuring aesthetic impressions of visual art. *Perception*, 40(S), 219-219 {IF=1.293}
- [46] Schneider, T., Hecht, H., & **Carbon**, C. C. (2011). Losing weight without dieting: viewpoint-dependent weight assessment on basis of faces. *Perception*, 40(S), 71-71 {IF=1.293}
- [45] Rockelmann, L., Zimmermann, R., Raab, M., & **Carbon**, C. C. (2011). How you look at art: Analyzing beholder's movement pattern by radio-based identification. *Perception*, 40(S), 222-222 {IF=1.293}
- [44] Faerber, S. J., & **Carbon**, C. C. (2011). Impact of priming and elaboration on the dynamics of aesthetic appreciation. *Perception*, 40(S), 217-217 {IF=1.293}
- [43] Gattol, V., **Carbon**, C. C., & Schoormans, J. P. L. (2011). Depicting crosshairs can indeed promote violence. *Perception*, 40(S), 216-216 {IF=1.293}
- [42] Raab, M., Imhof, M. & **Carbon**, C. C. (2011). Eyes for an agent: simulation of dynamically evolving preferences for visual stimuli by a neural network and a multiple-trace memory model. *Perception*, 40(S), 205-205 {IF=1.293}
- [41] Harsanyi, G., & **Carbon**, C. C. (2011). Adaptive categorization of own- and other-group faces. *Perception*, 40(S), 71-71 {IF=1.293}
- [40] Hesslinger, V., & **Carbon**, C. C. (2011). Dynamics in aesthetic appreciation: Differential effects for average and non-average natural stimuli. *Perception*, 40(S), 222-222 {IF=1.293}

- [39] Muth, C., & **Carbon**, C. C. (2011). The relation between elaboration and liking in perceiving ambiguous aesthetic stimuli. *Perception*, 40(S), 217-217 {IF=1.293}
- [38] Härtel, M., & **Carbon**, C. C. (2011). Cognitive and emotional associations evoked by the imagination of pieces of favorite music and visual art. *Perception*, 40(S), 218-218 {IF=1.293}
- [37] Jakesch, M., & **Carbon**, C. C. (2011). Humans prefer curved objects also on basis of haptic evaluation. *Perception*, 40(S), 219-219 {IF=1.293}
- [36] Jander, A., & **Carbon**, C. C. (2011). On the microgenesis of facial attractiveness. *Perception*, 40(S), 69-69 {IF=1.293}
- [35] **Carbon**, C. C., & Hergovich, A. (2011). Using computer-animated magic tricks as a promising experimental paradigm for investigating perceptual processes. *Perception*, 40(S), 169-169 {IF=1.293}
- [34] **Carbon**, C. C., Gruber, P., & Sommer, P. (2010). On the search for the Super-Jesus. Which features does a depiction in art history need to be identified as Jesus? *Perception*, 39(S), 115-115 {IF=1.360}.
- [33] Wirth, B. E., & **Carbon**, C. C. (2010). How do prototypes of visual objects develop and establish? Exemplars perceived early in life might have an essential influence. *Perception*, 39(S), 129-129 {IF=1.360}.
- [32] Raab, M., & **Carbon**, C. C. (2010). Objective measures for complexity and curvature in visual objects and scenes. *Perception*, 39(S), 114-115 {IF=1.360}.
- [31] Neuhauser, K., & **Carbon**, C. C. (2010). That's typical! Isn't it? About the microgenesis of art perception as a function of expertise. *Perception*, 39(S), 113-113 {IF=1.360}.
- [30] Lüdtke, R., Grüter, T., Derntl, B., Grüter, M., & **Carbon**, C. C. (2010). Reduction of facial emotion processing in congenital prosopagnosia. *Perception*, 39(S), 93-93 {IF=1.360}.
- [29] Löffler, S., & **Carbon**, C. C. (2010). Processing of style in artworks: A highly complex matter. *Perception*, 39(S), 116-116 {IF=1.360}.
- [28] Kaltenbach, R. N., & **Carbon**, C. C. (2010). Compatibility of context sizes in face perception – a different perspective on holistic effects. *Perception*, 39(S), 130-130 {IF=1.360}.
- [27] Jakesch, M., & **Carbon**, C. C. (2010). Touched by the moment? Factors modulating haptic and visually – based mere exposure effects. *Perception*, 39(S), 131-132 {IF=1.360}.
- [26] Imhof, M., Straif, M., Stein, C. W., & **Carbon**, C. C. (2010). Implicit classification reveals priority of processing physical properties in novices but processing of higher cognitive properties in experts. *Perception*, 39(S), 103-103 {IF=1.360}.
- [25] Hesslinger, V., & **Carbon**, C. C. (2010). Cues of being watched enhance pro-social attitudes. *Perception*, 39(S), 93-93 {IF=1.360}.

- [24] Harsanyi, G., & **Carbon**, C. C. (2010). Matching style and content in art perception. *Perception*, 39(S), 115-115 {IF=1.360}.
- [23] Faerber, S. J., & **Carbon**, C. C. (2010). On the role of visual adaptations on aesthetic appreciation via changes of the object space. *Perception*, 39(S), 76-76 {IF=1.360}.
- [22] Augustin, M. D., Wagemans, J., & **Carbon**, C. C. (2010). Visual aesthetics: Relevant measures and their dependence on object class. *Perception*, 39(S), 114-114 {IF=1.360}.
- [21] Albrecht, S., & **Carbon**, C. C. (2010). Bartlett's theory of visual reproduction revisited: Ambiguous face-like stimuli do not necessarily transform to prototypical face schemata. *Perception*, 39(S), 40-40 {IF=1.360}.
- [20] **Carbon**, C. C., & Jagsch, R. (2009). Abnormal facial outward appearances and their impact on facial attractiveness and attribution of personality. *Perception*, 38(S), 81-81. {IF=1.617}
- [19] **Carbon**, C. C. (2009). What is the cognitive basis of impairments in congenital prosopagnosia? *International Journal of Psychology*, 43(3-4), 38-38. {IF=0.272}
- [18] **Carbon**, C. C. (2008). How strong is a car's brand from a visual perspective? Searching for an objective measure. *Perception*, 37(S), 31-31. {IF=1.585}
- [17] Jakesch, M., Zachhuber, M., Leder, H., & **Carbon**, C. C. (2008). Scenario-based cross-modal touching. How top-down processes influence tactile appreciation. *Perception*, 37(S), 92-92. {IF=1.585}
- [16] Zachhuber, M., Jakesch, M., Leder, H., & **Carbon**, C. C. (2008). Developing a reference frame for testing cross-modality effects of vision and touch. *Perception*, 37(S), 92-92. {IF=1.585}
- [15] Bohrn, I., Nabecker, G., & **Carbon**, C. C. (2008). Are Curved Visual Objects Always Preferred? *Perception*, 37(S), 75-75. {IF=1.585}
- [14] Augustin, M. D., Schild, M., Gross, C., & **Carbon**, C. C. (2008). Towards a psychophysics of art perception. *Perception*, 37(S), 116-116. {IF=1.585}
- [13] Augustin, M. D., Leder, H., & **Carbon**, C. C. (2007). The microgenesis of style and content in art perception. *Perception*, 36(S), 16-16. {IF=1.585}
- [12] Gerger, G., Leder, H., & **Carbon**, C. C. (2007). Contributions of boredom to liking judgments over time. *Perception*, 36(S), 17-17. {IF=1.585}
- [11] Farber, S., **Carbon**, C. C., & Leder, H. (2007). From exposure to evaluation: Dynamic changes in appreciation of innovative designs. *Perception*, 36(S), 17-17. {IF=1.585}
- [10] Ditye, T., & **Carbon**, C. C. (2007). Dynamics and flexibility in mental representations of familiar faces. *Perception*, 36(S), 147-147. {IF=1.585}

- [09] Gattol, V., Ditye, T., **Carbon**, C. C., & Hutzler, F. (2007). A Call for Attention! - TV News Broadcasts and the Effects of Competing News Feeds on Perception. *Perception*, 36(S), 27-27. {IF=1.585}
- [08] **Carbon**, C. C., Leder, H., & Ditye, T. (2007). When style matters – Art specific adaptation effects. *Perception*, 36(S), 17-17. {IF=1.585}
- [07] **Carbon**, C. C., Ditye, T., & Leder, H. (2006). Setting the trend: When attractiveness is a matter of adaptation. *Perception*, 35(S), 199-199. {IF=1.585}
- [06] **Carbon**, C. C. (2006). What can we learn from prosopagnosia about face processing? *Perception*, 35(S), 135-135. {IF=1.585}
- [05] **Carbon**, C. C. (2006). Face adaptation effects: When stable representations are quite flexible. *Perception*, 35(S), 210-210. {IF=1.585}
- [04] **Carbon**, C. C. (2006). The Repeated Evaluation Technique or 'How can we measure attractiveness in a valid way'? *Perception*, 35(S), 200-201. {IF=1.585}
- [03] **Carbon**, C. C. (2005). Innovation in Design and Aesthetics. How attributes of Innovation influence Attractiveness on the long run. *Perception*, 34(S), 8-8. {IF=1.585}
- [02] **Carbon**, C. C., Schweinberger, S., Kaufmann, J., & Leder, H. (2004). Early face processing investigated by ERP. *Perception*, 33(S), 13-13. {IF=1.585}
- [01] **Carbon**, C. C., & Leder, H. (2004). Face recognition is not template-based. *Perception*, 33(S), 103-103. {IF=1.585}

Further publications (varia 1)

- [047] Ziat, M., Li, Z., Jhunhunwala, R., and **Carbon**, C.-C. (2024). Texture as a Lens: Exploring Tactile-Visual Associations in Western Oil Paintings Through Surface Haptics in *IEEE 2024 Eurohaptics conference (IEEE)*.
- [046] Breitschaft, S. J., and **Carbon**, C.-C. (2020). Semantic Differentiation of Haptic Edges rendered on an Electrostatic Friction Modulation Display in *IEEE 2020 Eurohaptics conference (IEEE)*.
- [045] Breitschaft, S. J., Heijboer, S., Shor, D., Tempelman, E., and **Carbon**, C.-C. (2020). Physical Fights Back: Current affairs of haptic technology in user interface design for practitioners in *IEEE 2020 Eurohaptics conference (IEEE)*.
- [044] Breitschaft, S. J., Pastukhov, A. and **Carbon**, C.-C. (2020). Examining detectability of virtual haptic items rendered on an electrostatic friction display in *IEEE 2020 Eurohaptics conference (IEEE)*.
- [043] Breitschaft, S. J., and **Carbon**, C.-C. (2020). An exploratory evaluation of participants' reactions to electrostatic friction modulation in a UI-research context in *IEEE 2020 Eurohaptics conference (IEEE)*.

- [042] Breitschaft, S. J., Clarke, S., and **Carbon**, C.-C. (2019). Using haptic shapes for orientation and identification in automotive user interfaces in *IEEE 2019 World haptics conference (WHC) (IEEE)*.
- [041] Heijboer, S., Breitschaft, S. J., and **Carbon**, C.-C. (2019). Characterization of active haptic feedback for user interface design and development in *IEEE 2019 World Haptics conference (WHC) (IEEE)*.
- [040] **Carbon**, C. C. (2018). Teaching and researching: Two sides of a coin. *Art & Perception*, 6(4), 170-170.
- [039] **Carbon**, C. C. (2018). Aesthetic appreciation: The power of Zeitgeist. *Art & Perception*, 6(4), 173-173.
- [038] Muth, C., & **Carbon**, C. C. (2018). Shifting in and out of Semantic (In)stability. A dynamic view on interest in visual ambiguity, indeterminacy, and disorder. *Art & Perception*, 6(4), 174-174.
- [037] Heiligensetzer, S., Schmittlutz, T., & **Carbon**, C. C. (2018). Creativity and complexity: Creative solutions are more complex but need also more time. *Art & Perception*, 6(4), 187-187.
- [036] Utz, S., Reichenbecker, A., & **Carbon**, C. C. (2018). Evaluation of dynamic preferences using the Repeated Evaluation Technique (RET) – The impact of innovation, complexity, attractiveness, and personality on the perception of fashion. *Art & Perception*, 6(4), 188-188.
- [035] Fischer, U. C., Vlasova, J., **Carbon**, C. C., & Ortlieb, S. A. (2018). Coping with kitsch? People with different coping-styles respond differently to decorative everyday objects. *Art & Perception*, 6(4), 189-189.
- [034] Raab, M., Wolff, F., & **Carbon**, C. C. (2018). Character design in video game art: Stereotypical facial aesthetics elicits emotional distress in morally demanding situations. *Art & Perception*, 6(4), 189-189.
- [033] Vlasova, J., Fischer, U. C., **Carbon**, C. C., & Ortlieb, S. A. (2018). Home sweet home: Is kitsch more popular with people who value security over arousal? *Art & Perception*, 6(4), 194-194.
- [032] Schneider, T. M., & **Carbon**, C. C. (2018). One thousand and one selfies: About the rules, specificities and curiosity of selfies and the impact on attractiveness, sympathy and perceived competence. *Art & Perception*, 6(4), 203-203.
- [031] Prasch, J., Blijlevens, J., Neelim, A., Laban, J., & **Carbon**, C. C. (2018). Gamified Behavioural Nudge towards Social Inclusion. Poster presentation at the *2018 HDR Poster Competition of the Business Research Office at RMIT University*, Melbourne, Australia, 23 October 2018.
- [030] **Carbon**, C. C. (2018). A conspiracy theory is not a THEORY about a conspiracy. *Social Epistemology Review and Reply Collective*, 7(6), 22-25.

[029] Wirth, B. E., & **Carbon**, C. C. (2017). Face experts? Assessing passport-matching performance in police officers and novices. Oral talk presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/>

-abstracts/index/ecvp-2017 on 5 March 2018; page 257.

[028] Pastukhov, A., Prasch, J., & **Carbon**, C. C. (2017). Out of sight, out of mind: Complete occlusion destabilizes moving multi-stable structure-from-motion displays. Poster presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 226.

[027] Utz, S., & **Carbon**, C. C. (2017). When vision is more emotionally loaded than music – the impact of visual-acoustic congruencies in films on emotional assessments. Poster presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 189.

[026] Wehrle, T., Ortlieb, S., & **Carbon**, C. C. (2017). How the aesthetics of the urban space might shape our implicit attitudes towards brands: The role of artistic „Subvertising“ via modified brand logos. Poster presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 135.

[025] Muth, C., Albrecht, S., Markovic, S., & **Carbon**, C. C. (2017). “Aha”ptics: Experiencing and enjoying an aesthetic aha during haptic exploration. Poster presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 117.

[024] Röder, S., Fink, B., & **Carbon**, C. C. (2017). Men’s perception of women’s personality from static and dynamic visual cues. Poster presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 115.

[023] Pongjitt, A., & **Carbon**, C. C. (2017). Reflecting and optimizing the terminology of prosopagnosia research. Poster presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 105.

[022] Raab, M. H., & **Carbon**, C. C. (2017). The clear-cut water drop: A visual illusion to perceive top-down saccadic fill-in. Illusion poster presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 84.

[021] **Carbon**, C. C. (2017). The moon illusion revisited: New insights by employing the moon diary app in the field. Oral talk presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 64.

- [020] Schneider, T. M., & **Carbon**, C. C. (2017). How a face becomes familiar? Episodic facial prototypes and representations are generated across the life-span. Poster presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 34.
- [019] Brütting, U., & **Carbon**, C. C. (2017). Ekman's expression research revisited: Theoretically and empirically checking the current standards of emotion expression research. Poster presented at the European Conference on Visual Perception 2017, Berlin, Germany. Retrieved from URL: <http://journals.sagepub.com/page/pec/collections/ecvp-abstracts/index/ecvp-2017> on 5 March 2018; page 29.
- [018] Utz, S., & **Carbon**, C. C. (2017). Do the perceived balance, harmony, and liking of original Mondrian paintings differ from Mondrian-like variant? *Art & Perception*, 5(4), 414-414.
- [017] Raab, M. H., Waechter, H., Mchedlidze, T. & **Carbon**, C. C. (2017). The relation of graph visualization and aesthetics: An empirical approach. *Art & Perception*, 5(4), 404-404.
- [016] Pastukhov, A., & **Carbon**, C. C. (2017). Painted light: What 10000 pictures reveal about the source of light across ten centuries. *Art & Perception*, 5(4), 403-403.
- [015] Wehrle, T., Schifferstein, H. N. J., & **Carbon**, C. C. (2017). Consumer expectations for vegetables with atypical colors: the case of carrots. *Art & Perception*, 5(4), 420-420.
- [014] Ortlieb, S. A., Fischer, U. C., Moosmann, A. & **Carbon**, C. C. (2017). Let's talk about gender: Linking aesthetic preferences to assertiveness and nurturance. *Art & Perception*, 5(4), 400-400.
- [013] Muth, C., **Carbon**, C. C., & Westphal-Fitsch, G. (2017). Experiencing (dis)order: simplicity and order might be appealing but interesting patterns are those that diverge from an obvious order. *Art & Perception*, 5(4), 370-370.
- [012] **Carbon**, C. C. (2017). True art experience: What we can learn from ecological contexts, settings, and material. *Art & Perception*, 5(4), 365-365.
- [011] Utz, S., & **Carbon**, C. C. (2014). Do task demands influence the perception of symmetry? *Journal of Vision*, 14(10), 91-91.
- [010] Renzi, C., Schiavi, S., **Carbon**, C. C., Vecchi, T., Silvanto, J., & Cattaneo, Z. (2014). Featural and Configural processing of faces are dissociated in the dorsolateral prefrontal cortex: A TMS study. *Clinical Neurophysiology*, 124(10), e86.
- [009] Utz, S., & **Carbon**, C. C. (2013). Does the direction of dimensional changes influence reaction time costs in visual search? *Journal of Vision*, 13(9), 688-688.
- [008] **Carbon**, C. C. (2012). Dynamics of aesthetic appreciation. *Proceedings of the SPIE (International Society for Optics and Photonics)*, 8291, 82911A.
- [007] **Carbon**, C. C. (2009). What "exactly" is a prototype? Not sure, but average objects are not necessarily good candidates for..... *Journal of Vision*, 9(8), 512-512.

[006] Augustin, M. D., Fuchs, H., Defrancheschi, B., **Carbon**, C. C., & Hutzler, F. (2009). Style follows content revisited: Evidence from an ERP study. *Journal of Vision*, 9(8), 1080-1080.

[005] **Carbon**, C. C. (2007). When stability means flexibility! Familiar faces under permanent adaptation. *Journal of Vision*, 7(9), 880-880.

[004] **Carbon**, C. C., Leder, H., Grueter, T., Grueter, M., Weber, J. E., & Lueschow, A. (2006). Reduced configural processing abilities in congenital prosopagnosia. *Journal of Vision*, 6(6), 433-433.

[003] Lueschow, A., Weber, J., Sander, T., **Carbon**, C. C., Grueter, T., Grueter, M., Trahms, L., & Curio, G. (2007). A combination of electrophysiological and behavioural data as objective measure of the impairment in congenital prosopagnosia. *Clinical Neurophysiology*, 118(4), 72-72.

[002] Lueschow, A., Weber, J. E., Sander, T., Carbon, C. C., Grueter, T., Grueter, M., et al. (2006). A combination of electrophysiological and behavioural data as objective measure of the impairment in congenital prosopagnosia. *Klinische Neurophysiologie*, 37, A145.

[001] Weber, J. E., Sander, T., **Carbon**, C. C., Grueter, T., Grueter, M., Curio, G., Trahms, L., Lueschow, A. (2006). Characterization of subjects with congenital prosopagnosia by combined electrophysiological and behavioural data. *Journal of Vision*, 6(6), 657-657.

Further publications (varia 2)

[31] Knoblach, J., Vogl, L., Wehnert, **Carbon**, C.-C., Franz, J., & Schmid, U. (2025). The SME AI Experience Center: Overcoming AI Adoption Barriers for SMEs in Industrial Production. *KI - Künstliche Intelligenz—German Journal of Artificial Intelligence*.

[30] Hurter, C., **Carbon**, C.-C., Martino, M., & Rogowitz, B. E. (2025). Art, Visual Illusions, and Data Visualization. *Dagstuhl Reports*, 14(7), 81-114.

[29] **Carbon**, C. C., & Englert, C. E. (2024). Die Rolle des Vertriebs bei der Vermarktung von Innovationen. *Sales Excellence*, 2024, 4, 43-45.

[28] **Carbon**, C. C. (2023). Beer, Health and Wellbeing. *Pint Taken by CAMRA*, Spring, 20–21.

[27] Meißner, U., & **Carbon**, C. C. (2021). „Co-Ki“ – Keine Unterstützung der Kinderärzte zur Versorgung von Eltern mit evidenzbasierten Informationen. Commentary on: Schwarz, S., Jenetzky, E., Krafft, H. et al. (2021) Coronakinderstudien „Co-Ki“: erste Ergebnisse eines deutschlandweiten Registers zur Mund-Nasen-Bedeckung (Maske) bei Kindern. *Monatsschrift Kinderheilkunde*, 169, 353–365.

[26] **Carbon**, C. C. (2020). Wat is kunst [What is art], *EOS Psyche & Brein*, 2020, 12-17.

[25] Brandenstein, N., & **Carbon**, C. C. (2020). Verurteilt auf den ersten Blick? Über die Hintergründe und die Macht des ersten Eindrucks. *The Inquisite Mind*, 2020(1).

- [24] **Carbon**, C. C. (2020). Kunst: Der andere Blick [Art: Looking at with different eyes], *Gehirn & Geist*, 2020(2), 20-25.
- [23] **Carbon**, C. C. (2019). Interieurgestaltung mit Methoden der Psychologie [Design of interiors by means of psychological methods], *ATZ Extra*(Sonderheft IAA), 30-32.
- [22] **Carbon**, C. C. (2019). Über die Wahrnehmung und Wertschätzung von Regionen [On the perception and appreciation of regions], *Kropf Solutions*.
- [21] **Carbon**, C. C. & Ortlieb, S. A. (2019). Was unterscheidet Kunst von Kitsch? [What is the difference between Art and Kitsch?], *Gehirn & Geist*.
- [20] **Carbon**, C. C. (2018). Understanding human perception by Human Illusions. in Chinpilas, T.: *Seeing Red*.
- [19] **Carbon**, C. C. (2016). Der öffentliche Raum in den Köpfen [The public space in our minds]. *DEMO:POLIS - Das Recht auf Öffentlichen Raum*. Park Books, Zürich (pp. 72-73).
- [18] **Carbon**, C. C. (2016). Warum wir fotografieren: Über den langen Traum der Menschheit, ewig zu sein. *fotoMAGAZIN*, 2016(4), 28-28.
- [17] **Carbon**, C. C. (2015). Predicting Preferences for Innovative Design: The “Repeated Evaluation Technique” (RET). *GfK Marketing Intelligence Review*, 7(2), 34-39.
- [16] **Carbon**, C. C. (2014). Warum wollen Menschen bei uns braun werden? [Why do people like a teint?]. *National Geographic*, 8, 22-22.
- [15] Raab, M. & **Carbon**, C. C. (2014). Mona Lisa lächelt in 3D [Mona Lisa smiles in 3D]. *Denken – Fühlen – Handeln, uni.vers Forschung*, 10-13.
- [14] **Carbon**, C. C., & Albrecht, S. (2013). Towards a culture of an ongoing reconsideration and replication of findings in psychological science. *The Irish Psychologist*, 39(12), 304-305.
- [13] Raab, M. H., Muth, C., **Carbon**, C. C. (2013). M5oX: Methoden zur multidimensionalen und dynamischen Erfassung des Nutzererlebens. *Mensch & Computer, Workshopband*, 155-163.
- [12] Harsányi, G., Gebauer, F., Kraemer, P., & **Carbon**, C. C. (2013). Design Evaluation: Zeitliche Dynamik ästhetischer Wertschätzung. *Mensch & Computer, Workshopband*, 145-153.
- [11] **Carbon**, C. C. (2013). Haptische User Experience. *Mensch & Computer, Workshopband*, 165-172.
- [10] Ortlieb, S., Streffing, G., & **Carbon**, C. C. (2013). Ein System für alle Fälle: Entwicklung eines intelligenten Hausnotrufsystems im Dialog mit den zukünftigen Nutzern. *Mensch & Computer, Workshopband*, 345-348.
- [09] **Carbon**, C. C. (2012). Top oder Flop? Wie man zukünftiges Gefallen erforscht [Top or Flop? How to find out what will be liked in the future]. *InteriorFashion*, 2, 1-2.

- [08] Schmid, U., Grossmann, P., Wachter, M., Raab, M., **Carbon**, C.-C., Faerber, S. J. (2011). How visible are different variations of spatial features and relations in logos and how does visibility affect prototype generation? *Post-Proceedings of the KI'11 Workshop Visibility in Information Spaces and in Geographic Environments*, 25-36
- [07] Schmid, U., Faerber, S. J., Raab, M., Björn, I., & **Carbon**, C. C. (2011). Schön ist, was man kennt [Beautiful is, what someone knows]. *Digital Humanities: Technologien für die Geisteswissenschaften, uni.vers Forschung*, 40-43.
- [06] **Carbon**, C. C. (2011). Living on a sphere does not prevent to think and behave like living on a plain. *SciTopics*. <http://www.scitopics.com/>
- [05] **Carbon**, C. C. (2010). Adaptation as a basis of triggering long-term design and fashion trends. *SciTopics*. <http://www.scitopics.com/>
- [04] Schabmann, A., Leidenfrost, B., Gomes, C., Strassnig, B., Feuchtl, S. & **Carbon**, C. C. (2007). *Support for Freshmen at a Mass-University Program - The Cascaded Blended Mentoring Project (CBM)*. <http://edoc.mpg.de>
- [03] **Carbon**, C. C., Schwarz, M., Jenkel, N., & Harsanyi, G. (2004). Banking der Zukunft: Entwicklung des Retailbanking im Spannungsfeld von Kundenwünschen und Rentabilitätsforderungen. Eine empirische Studie zur Zufriedenheit der Bankkunden im deutschsprachigen Raum. *Nominated for the Postbank Finance Award 2003/2004*.
- [02] Schumacher, S., & **Carbon**, C. C. (2000). Telearbeit. Entwicklung einer Strategie zur Integration von behinderten Menschen. In Bundesministerium für Arbeit und Soziales (Eds.), *Berufliche Integration durch Innovationen in der Arbeitsorganisation in Verbindung mit neuen Technologien* (112 pages).
- [01] **Carbon**, C. C. (2001). *The DADA faces. A standardized face databank: Faces with different affective states from different angles*. Unpublished manuscript. Berlin, Freie Universität Berlin.

Public discussions

- [05] **Carbon**, C. C. (2025). *Automotive Gaming—Moderation of the FishBowl*. Dialogforum at Largarde I, Bamberg, Germany, 08.10.2025.
- [04] Korsig, B. & **Carbon**, C. C. (2025). *Marc Aurel—Statesman, Philosopher, AI-Avatar — Podium discussion*. Simeonsstift, Trier, Germany, 09.08.2025.
- [03] **Carbon**, C. C. (2020). *Autoland Deutschland - widerspricht sich Ökologie und Ökonomie? [Carland Germany – Does ecology contradicts economy?]*, platform discussion together with Sigmar Gabriel and Hans-Josef Fell. Hallstadt, Germany, 20.02.2020.
- [02] **Carbon**, C. C. (2019). *Quo Vadis Autoland Deutschland? - Herausforderungen und Visionen [Quo vadis, Autoland Germany, challenges and visions]*, platform discussion at the Bavarian State Philharmonie, together with Thomas Hartung, Michael Stoschek, Martin Schulz, Markus Blume, and Lisa Badum. Bamberg, 19.11.2019.

[01] **Carbon, C. C.** (2017). *Über Folter [About torture], platform discussion in the theatre act realm of „One for the road“ by Harold Pinter at the Wildwuchs Bamberg, together with Ursula Sowa and Gunther Moll. Bamberg, 11.11.2015.*

Scientific Podcasts

[01] Döbler, N., **Carbon, C. C.**, & Raab, M. H. (2020-2021). *Psychokalypse*. Weekly scientific podcast on psychologically-relevant topics (a series with 100+ single podcasts). <https://www.psychokalypse.de>

Books

[03] Pavlova, M. A., **Carbon, C. C.**, Coello, Y., Sokolov, A. A., & Proverbio, A. M. (Eds.). (2023). *Impact of face covering on social cognition and interaction*. Lausanne: Frontiers Media SA.

[02] **Carbon, C. C.**, Faix, W. G., Kisgen, S., Mergenthaler, J., Muralter, F., Schwinn, A., Windisch, L. (2021). *Steinbeis-Innovationsstudie. Eine Metastudie über die Innovationsfähigkeit und -tätigkeit der Volkswirtschaften Brasiliens, China, Deutschland, Schweiz und USA*. Stuttgart: Steinbeis-Edition.

[01] Raab, M. H., **Carbon, C. C.**, & Muth, C. (2017). *Am Anfang war die Verschwörungstheorie*. Heidelberg: Springer.

Book Chapters

[09] **Carbon, C. C.** (in press). The Umwelt for Creative Design addressing existential global challenges. In J. S. Gero & M. L. Maher (Eds.), *Computational and cognitive models of creative design*. Berlin: Springer.

[08] Ortlieb, S. A., Fischer, U. C. & **Carbon, C. C.** (2019). Männerphantasien – der Ursprung unserer Ideen vom Erhabenen und Schönen? In Schwender, C., Schwarz, S., Lange, B. P., & Huckauf, A. (Eds.), *Geschlecht und Verhaltens aus evolutionärer Perspektive* (S. 273-292). Lengerich: Pabst Science Publishing.

[07] **Carbon, C. C.** (2018). Empirical Aesthetics: In quest of a clear terminology and valid methodology. In Kapoula, Z., Volle, E., Renoult, J., & Andreatta, M. (Eds.), *Exploring Transdisciplinarity in Art and Sciences* (S. 107-119). Heidelberg: Springer Nature.

[06] Ortlieb, S. A., & **Carbon, C. C.** (2017). Kitsch oder Coping? Die biologischen Grundlagen der sozialen Motivation als Determinanten des ästhetischen Erlebens. In Schwender, C., Lange, B. P. & Schwarz, S. (Eds.), *Evolutionäre Ästhetik* (S. 145-162). Lengerich: Pabst Science Publishing.

[05] **Carbon, C. C.** (2016). Integration of user-centric psychological and neuroscience perspectives in experimental design research. In P. Cash, T. Stanković, & M. Štorga (Eds.),

Experimental design research: Exploring complex design activity (pp. 113-126; 1. ed.). Cham: Springer.

[04] **Carbon**, C. C. (2015). Wahrnehmungspsychologie [Perceptual Psychology]. In A. Schütz, M. Brand, H. Selg & S. Lautenbacher (Eds.), *Psychologie. Eine Einführung in ihre Grundlagen- und Anwendungsfelder* [Psychology. An introduction to its basic and applied fields] (pp. 42-52; 5. ed.). Stuttgart: Kohlhammer.

[03] **Carbon**, C. C. (2009). European Publication issues from an Austrian perspective. In E. Weichselgartner, M. Uhl & G. Krampen (Eds.), *European publication issues in Psychology* (pp. 184-193).

[02] Strassnig, B., Leidenfrost, B., Schabmann, A., & **Carbon**, C. C. (2007). Cascaded Blended Mentoring Unterstützung von StudienanfängerInnen in der Studieneingangsphase. In M. Merkt, K. Mayrberger, R. Schulmeister, A. Sommer & I. van den Berk (Eds.), *Studieren neu erfinden – Hochschulen neu denken* (pp. 318-327). Münster: Waxmann.

[01] Schwaninger, A., **Carbon**, C. C., & Leder, H. (2003). Expert face processing: Specialisation and constraints. In Schwarzer, G., & Leder, H. (Eds.), *The Development of Face Processing* (pp. 81-97). Ashland, OH, US: Hogrefe & Huber Publishers.

Book Reviews

[04] **Carbon**, C. C. (2022). Carbon on Ai Hisano's "Visualizing Taste: How Business Changed the Look of What You Eat". *International Journal of Food Design*.

[03] **Carbon**, C. C. (2018). Carbon on A. Lothian's "The science of scenery: How we view scenic beauty, what it is, why we love it, and how to measure and map it". *Perception*, 47(4), 470-471.

[02] **Carbon**, C. C. (2014). Carbon on G. Gabrielle Starr's "Feeling Beauty: The Neuroscience of Aesthetic Experience". *Perception*, 43(2/3), 226-228.

[01] Pohlandt, A., & **Carbon**, C. C. (2010). Human Factors. *Zeitschrift für Arbeits- und Organisationspsychologie*, 54(3), 142-144.

Theses

[04] **Carbon**, C. C. (2006). *On the processing and representation of complex visual objects*. (Habilitation thesis). University of Vienna, Vienna. 451 pages.

[03] **Carbon**, C. C. (2003). *Face Processing: early processing in the recognition of faces*. (Doctoral thesis). Berlin: DARWIN, Freie Universität Berlin, URL:<http://www.diss.fu-berlin.de/2003/35/>. 216 pages.

[02] **Carbon, C. C.** (1999). *Konnektionistische Systeme: Simuliertes 'Bewußtsein' oder Bewußtsein selbst? [Connectionism: may connectionist systems develop a form of consciousness?]*. M.A. thesis for Philosophy (Magisterarbeit). Universität Trier. 109 pages.

[01] **Carbon, C. C.** (1998). *Emotionale und konfigurale Einflüsse auf die Verarbeitung räumlicher Informationen [Influences of emotional and configural variables on the processing of spatial information]*. Diploma thesis for Psychology (Diplomarbeit). Universität Trier. 128 pages.

Conference contributions (citable contributions only)

2026

[505] Schramm, L., Greis, C., & **Carbon, C.-C.** (2026, submitted). *From Pilot to Standard: Integrating DiGA, Telemedicine, and AI into Scalable Digital Care Ecosystems*. Oral presentation at the DMEA (Digital Medical Expertise & Applications), Berlin, Germany (21.04.-23.04.2026).

[504] Khozaei, F., **Carbon, C. C.**, UI Islam, Q. (2026, accepted). *Paper Title: IAQ-Anchored Luban Aroma Improves Student Attention: A Randomized 1-Week Lab Trial with SART Assessment*. Oral presentation at the 12th International Conference on Humanity and Social Sciences (ICHSS 2026), Sapporo/Japan (23.01.-25.01.2026).

2025

[503] Khozaei, F., UI Islam, Q., & **Carbon, C. C.** (2025, accepted). *IAQ-Anchored Luban Aroma Improves Student Attention: A Randomized 1-Week Lab Trial with SART Assessment*. Oral presentation at the Meeting of the Applications of AI toward Sustainable Society (AISS), Kobe/Japan (28.11.-30.11.2025).

[502] **Carbon, C. C.** (2025, accepted). *Aesthetics and Time: Between Eternal Beauty and Fluid Fashion*. Invited talk at the Autumn School Neurocognition of Aesthetics and Time at the Shanghai International Studies University (SISU), Shanghai/China (25.10.-26.10.2025).

[501] **Carbon, C. C.** (2025, accepted). *Why should we understand Aesthetics deeply and widely? Aesthetics as key factor for product success, brand superiority and wellbeing*. Invited talk at the Image Neuroscience and the Arts Conference within the framework of the China International Talent Exchange and the Neurocognitive Image Lab of Shanghai International Studies University (SISU), Shanghai/China (19.10.-24.10.2025).

[500] **Carbon, C. C.** (2025, accepted). *Wie die Ästhetik unsere Empfindungen beeinflusst [How aesthetics influence our perceptions]*. Keynote lecture with subsequent panel discussion at the VDW-Aktionstag 2025 Lebenswelten. Ästhetik und Gesundheit, Coburg/Germany (09.10.-10.10.2025).

[499] **Carbon, C. C.** (2025, accepted). *Beautiful Science — Neuroaesthetics, Visual Perception and the Future of Stoma Acceptance*. Oral presentation at the Salts Healthcare ASCN Symposium, hosted by The Association of Stoma Care Nurses (ASCN) UK at the ICC Wales, Newport/UK (12.10.-14.10.2025).

[498] Schramm, L., Greis, C., & **Carbon**, C.-C. (2025). *Commercialization of DiGA in Germany: Success Factors, Barriers, and Strategic Implications*. Oral presentation at the 2nd DGDM symposium for Digital Medicine, Hasso-Plattner-Institut, Potsdam, Germany (23.09.-24.09.2025).

[497] Schwappach, D., Faix, W. G., Mergenthaler, J., & **Carbon**, C. C. (2025, accepted). *Perspective article on the leadership of Europe and the Middle East and North Africa (MENA) in scaling up green hydrogen. Call to action for governments and authorities to accelerate the opening of the window of opportunity for niche projects in the green hydrogen ecosystem*. Invited keynote at the 1st Applied Energy Discovery Workshop on System integration of Hydrogen (APEN-Disco HSI), Cardiff, Wales (01.09.-03.09.2025).

[496] **Carbon**, C. C. (2025). *Beyond Vision: The Multisensory Nature of Aesthetics*. Oral presentation at the MANER (Material Appearance Network for Education and Research) Conference, hosted by the ECVF (European Conference of Visual Perception), Mainz/Germany (29.08.2025).

[495] Liao, S., **Carbon**, C. C., Liu, Z., & Li, J. (2025). *The Role of Processing Fluency in Color Preference: Evidence from Naming, Preference, and Expertise Measures*. Poster presentation at the 47th ECVF (European Conference of Visual Perception), Mainz/Germany (24.08-28.08.2025).

[494] Schädlich, L., Weithase, A., Pastukhov, A., **Carbon**, C. C., & Kristjánsson, Á. (2025). *Inattention in Serial Dependence: A Bayesian Integration Approach Comparing Numerosity and Orientation Judgments*. Poster presentation at the 47th ECVF (European Conference of Visual Perception), Mainz/Germany (24.08-28.08.2025).

[493] **Carbon**, C. C., & Pastukhov, A. (2025). *A Smile Out of Focus: When Art Meets Visual Science*. Oral presentation at the 47th ECVF (European Conference of Visual Perception), Mainz/Germany (24.08-28.08.2025).

[492] Straube, L., Pastukhov, A., Gromer, L. A., Heuschkel, A., & **Carbon**, C. C. (2025). *Sustainable Product and Material Perception: A Multisensory Exploration of Denim Jeans*. Oral presentation at the 47th ECVF (European Conference of Visual Perception), Mainz/Germany (24.08-28.08.2025).

[491] Pastukhov, A., Kühner, S., Kolbe, Hahn, L., & **Carbon**, C. C. (2025). *Not Just Where You Land, But How You Get There: Transition Plausibility in Multistable Perception*. Oral presentation at the 47th ECVF (European Conference of Visual Perception), Mainz/Germany (24.08-28.08.2025).

[490] Straube, L., Pastukhov, A., Heuschkel, A., Gromer, L. A., & **Carbon**, C. C. (2025). *Introducing the DynaGrid. Development, Evolution, and Validation of a New Consumer Research Method based on Perception*. Poster presentation at the 47th ECVF (European Conference of Visual Perception), Mainz/Germany (24.08-28.08.2025).

[489] Döbler, N., & **Carbon**, C. C. (2025). *Will they come in peace?— on psychological investigations into the representation of extraterrestrial life*. Poster presentation at the 47th ECVF (European Conference of Visual Perception), Mainz/Germany (24.08-28.08.2025).

- [488] Goetz, I., Tesch, J., & **Carbon**, C. C. (2025). *Beyond the Visible: Novice Engagement with Figurative and Abstract Art in Virtual Reality*. Poster presentation at the 47th ECVP (European Conference of Visual Perception), Mainz/Germany (24.08-28.08.2025).
- [487] Campagna, M., Pastukhov, A., & **Carbon**, C. C. (2025). *Multisensory aesthetic perception: A quantitative-qualitative study on Visuo-Tactile interactions with material textures*. Submission Topics: Vision & Haptic Perception, Surface, Texture & Material Perception, Multi-sensory Processing. Oral presentation at the 47th ECVP (European Conference of Visual Perception), Mainz/Germany (24.08-28.08.2025).
- [486] Kireev, A., Kleindienst, A. C., Reichard, S., Heiss, J. K., Schädlich, L., Pastukhov, A. & **Carbon**, C. C. (2025). *Framing the Artist: The Impact of Schizophrenia Narratives on Art Perception*. Poster presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [485] Ortlieb, S. A., Krewiss, E. E., & **Carbon**, C. C. (2025). *The cute, the zany and the interesting: Vernacular aesthetic categories in verbal reactions to everyday objects*. Oral presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [484] Pastukhov, A., & **Carbon**, C. C. (2025). *The Unstretched Truth: A Non-Stretchable Cloth Model of Vermeer's Painted Map*. Poster presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [483] Nasim, A., Hesslinger, V. M., & **Carbon**, C. C. (2025). *Profiling the image of Jesus*. Poster presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [482] Ziat, M., Chow, C., Aljanaideh, A., Shekh, K., Sahebrao Khandekar, P. & **Carbon**, C. C. (2025). *Aesthetic Emotions Across Cultures and Traits: Insights from the BEWAD Aesthetics Database*. Oral presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [481] Hesslinger, V. M., & **Carbon**, C. C. (2025). *Crying in front of art*. Poster presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [480] Rimiskyte, J., & **Carbon**, C. C. (2025). *The Art of Disfluency: Cognitive Elaboration and Aesthetic Value in Abstract Stimuli*. Oral presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [479] Straube, L., Pastukhov, A., Heuschkel, A., Gromer, L. A., & **Carbon**, C. C. (2025). *Is There a Circular Design Aesthetic? Insights from the Textile Industry*. Oral presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [478] Goetz, I., Tesch, J., & **Carbon**, C. C. (2025). *Who is afraid of abstract art? On the different processing of abstract and figurative artworks*. Oral presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).

- [477] Wiehl, L. K., & **Carbon**, C. C. (2025). *Effects of gender-related tattoos on the perception and evaluation of tattooed individuals*. Oral presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [476] **Carbon**, C. C. (2025, subm.). *Becoming a teen: Retrospective and Future Prospects of VSAC after 13 Years Being the Internationally Renowned Conference for the Interaction of Art and Perception*. Oral presentation at the 11th Vision Science of Art Conference (VSAC), Wiesbaden, Germany (21.08.-23.08.2025).
- [475] Döbler, N., & **Carbon**, C. C. (2025). *The case against intelligence: Why SETI is searching for the wrong concept*. Oral presentation at the Penn State SETI Symposium, presented by the Penn State Extraterrestrial Intelligence Center, Pennsylvania State University, PA, USA (18.08.-21.08.2025).
- [474] Döbler, N., Pastukhov, A., & **Carbon**, C. C. (2025). *Where we have gone before – On the role of perceived collective continuity on the support of SETI, and L estimations in the Drake equation*. Oral presentation at the Penn State SETI Symposium, presented by the Penn State Extraterrestrial Intelligence Center, Pennsylvania State University, PA, USA (18.08.-21.08.2025).
- [473] Campagna, M., Pastukhov, A., & **Carbon**, C. C. (2025). *Multisensory aesthetic perception: A qualitative study accompanied by eye-tracking and video-capturing to analyse visuo-tactile interactions with material textures*. Poster presentation at the 5th meeting of the International Association for the Study of Affective Touch (IASAT), Jena/Germany (09.06.-11.06.2025).
- [472] **Carbon**, C. C. (2025). *Anker in herausfordernden Zeiten. Mit Motivation und Lust am Tun zum Handeln [Everything was better, everything is getting worse, really? On motivation, framing and mindsets]*. Invited Keynote at the Workshop of the Arbeitsagentur Bamberg-Coburg, Bamberg, Germany (30.04.2025).
- [471] Pletziger, J., Döbler, N., & Carbon, C.-C. (2025). *More than War and Peace: Analyzing museum's visitors' messages to extraterrestrials. Exploring Otherness on Earth and beyond: Bridging the gap between natural sciences, social sciences and humanities*, Berlin, Germany (09.04.2025-11.04.2025).
- [470] Pletzinger, J., Doeblen, N. A., & **Carbon**, C. C. (2025). *From Earth to the Unknown: Analyzing museum's visitors' messages to extraterrestria*. Oral presentation at the Exploring Otherness on Earth and beyond: Bridging the gap between natural sciences, social sciences and humanities, Berlin, Germany (09.04.2025-11.04.2025).
- [469] **Carbon**, C. C. (2025). *Das schaffen wir, aber wirklich! Mit Optimismus, Energie und Plan transformieren [We can do it, but we really can! Transform with optimism, energy and a plan]*. Invited Keynote at the Zukunftswerkstatt Automotive Metropolregion Nürnberg, organized by EMN-Transform, Coburg, Germany (02.04.2025).
- [468] **Carbon**, C. C. (2025). *Food Trends—Neue Wege [Food Trends—New paths]*. Invited Keynote at the DeHoGa-Coburg Jahresversammlung, Sonneberg, Germany (24.03.2025).
- [467] **Carbon**, C. C. (2025). *Essen mit Sinn: Psychologische Wege zu wertschätzendem, hedonischem und nachhaltigem Konsum und Produktion [Eating with purpose: Psychological paths to*

appreciative, hedonic and sustainable consumption and production]. Invited Keynote at the international food-service exhibition INTERNORGA, Hamburg, Germany (17.03.2025).

[466] Campagna, M., Pastukhov, A., & **Carbon**, C. C. (2025). *Multisensory aesthetic perception: A quantitative-qualitative study on visuo-tactile interactions with material textures*. Oral presentation at the 66.Tagung experimentell arbeitender Psychologen (TEAP), Regensburg/Germany (09.03.2025-12.03.2025).

[465] Straube, L., **Carbon**, C. C., & Zagel, C. (2025). *Systematic review of the perception and the aesthetics of sustainable textile design*. Oral presentation at the 66.Tagung experimentell arbeitender Psychologen (TEAP), Regensburg/Germany (09.03.2025-12.03.2025).

[464] Goetz, I., Bernhardt, L., Karg, F. M., Pastukhov, A., & **Carbon**, C. C. (2025). *Art for art's sake? Art has the power to stretch the boundaries of moral behaviour*. Oral presentation at the 66.Tagung experimentell arbeitender Psychologen (TEAP), Regensburg/Germany (09.03.2025-12.03.2025).

[463] Huber, I., Ortlieb, S., & **Carbon**, C. C. (2025). *A shopping tour down memory lane: How personal associations affect nostalgic consumption*. Oral presentation at the 66.Tagung experimentell arbeitender Psychologen (TEAP), Regensburg/Germany (09.03.2025-12.03.2025).

[462] Campagna, M., Pastukhov, A., & **Carbon**, C. C. (2025). *Multisensory aesthetic perception: A quantitative-qualitative study on visuo-tactile interactions with material textures*. Oral presentation at the Symposium Transcending the Everyday: The Holistic and Multisensory Essence of Aesthetic Experiences at the HVEI (Human Vision Electronic Imaging), Burlingame, USA (02.02.2025-06.02.2025).

[461] Goetz, I., Tesch, J., Janković, D., & **Carbon**, C. C. (2025). *Is there an art-specific processing mode? Comparing the experience of art appreciation in a gallery and a shop context using VR*. Oral presentation at the Symposium Transcending the Everyday: The Holistic and Multisensory Essence of Aesthetic Experiences at the HVEI (Human Vision Electronic Imaging), Burlingame, USA (02.02.2025-06.02.2025).

[460] **Carbon**, C. C. (2025). *Aesthetic experiences: Mostly pleasurable, often meaningful, potentially translational, transcendent, and transformative*. Oral presentation at the Symposium Transcending the Everyday: The Holistic and Multisensory Essence of Aesthetic Experiences at the HVEI (Human Vision Electronic Imaging), Burlingame, USA (02.02.2025-06.02.2025).

[459] **Carbon**, C. C. (2025). *Experiencing Art—Changing the World To the Better*. Invited Keynote at the HVEI (Human Vision Electronic Imaging), Burlingame, USA (02.02.2025-06.02.2025).

2024

[458] Döbler, N. A., & **Carbon**, C.-C. (2024). *Why the mind? - Understanding why cognitive enhancement is so tempting*. Oral presentation at Interdisciplinary Perspectives on Neuroenhancement: Current Developments and Impact on the Individual and Society, Bielefeld, Germany (08.12.-10.12.2024).

- [457] Bergner-Koether, R., Peschka, L., Färber, T., Pastukhov, S., **Carbon**, C. C., Hajak, G., Steins-Loeber, S., Rettenberger, M. (2024). *Hypersexualität und Impulsivität in verschiedenen Gruppen von Behandlungssuchenden mit und ohne (exklusive) Pädophilie [Hypersexuality and impulsivity in different groups of treatment seekers with and without (exclusive) pedophilia]*. Oral presentation at the DGPPN 2024 Convention, Berlin, Germany (27.11.-30.11.2024).
- [456] Pastukhov, A., Finkenauer, P., Littek, L., Voss, L., & **Carbon**, C.-C. (2024). *How much can we read into the average duration of the dominance phase for multistable stimuli?* Oral presentation at the 65th Annual Meeting of the Psychonomic Society, New York City, USA (21.11.-24.11.2024).
- [455] Schramm, L., & **Carbon**, C.-C. (2024). *Prescriber-related success factors, strategies and challenges in the DiGA market: An analysis to secure the international lead*. Oral presentation at the 1st DGDM symposium for Digital Medicine, Potsdam, Germany (29.10.-30.10.2024).
- [454] Peschka, L.; Färber, T.; Arend C.; Schobel, S.; Hajak, G.; **Carbon**, C.; Schiltz, K. & Bergner-Koether, R. (2024). *Traumatische Erfahrungen in der Kindheit und kognitive Verzerrungen bei straffälligen und nicht straffälligen Männern mit (ausschließlicher) Pädophilie, Hebe- und Teleiophilie, die eine freiwillige Behandlung in Anspruch nehmen*. Oral presentation at Forschungs- und Fortbildungskongress der Fachkliniken der bayerischen Bezirke, Irsee, Germany (17.10.-18.10.2024).
- [453] Campagna, M., Pastukhov, A., & **Carbon**, C. C. (2024). *Capturing Aesthetic Experience by verbal expressions: Identifying core concept variables from natural language processing*. Poster presentation at the 46th European Conference on Visual Perception (ECVP), Aberdeen/Scotland (25.08.-29.08.2024).
- [452] **Carbon**, C. C., Grüter, T. & Grüter, M. (2024). *Congenital Prosopagnosia: Face agnostic but not social-emotional agnostic*. Poster presentation at the 46th European Conference on Visual Perception (ECVP), Aberdeen/Scotland (25.08.-29.08.2024).
- [451] Weithase, L., Schädlich, L., **Carbon**, C. C., & Pastukhov, A. (2024). *Attention works as a filter for prior perceptual decisions in serial dependence*. Oral presentation at the 46th European Conference on Visual Perception (ECVP), Aberdeen/Scotland (25.08.-29.08.2024).
- [450] Pastukhov, A., Littke, O. & **Carbon**, C. C. (2024). *Onset disambiguation of multistable displays relies on accumulation of sensory evidence over time*. Poster presentation at the 46th European Conference on Visual Perception (ECVP), Aberdeen/Scotland (25.08.-29.08.2024).
- [449] Kiesewetter, H. H., Ortlieb, S. A., Degro, M., Raab, M. H., & **Carbon**, C. C. (2024). *'Turning heads towards everyday aesthetics: a field experiment on dynamic versus static eye-catchers in shop window decoration*. Poster presentation at the 10th Vision Science of Art Conference (VSAC), Aberdeen, Scotland (22.08.-24.08.2024).
- [448] **Carbon**, C. C. (2024). *Art does not hurt, but it has a profound and lasting effect*. Oral presentation at the 10th Vision Science of Art Conference (VSAC), Aberdeen, Scotland (22.08.-24.08.2024).
- [447] Goetz, I., Janković, D., Pastukhov, A., & **Carbon**, C. C. (2024). *Is there an art-specific mode: comparing the experience of art appreciation in a gallery and a shop context using VR*. Oral

presentation at the 10th Vision Science of Art Conference (VSAC), Aberdeen, Scotland (22.08.-24.08.2024).

[446] Bernhardt, L., Goetz, I., Karg, F. M., Pastukhov, A., & **Carbon**, C. C. (2024). *Where do We Draw the Line? The Acceptance of Immoral Thinking and Behaviour in Different Art-Related Contexts*. Oral presentation at the 10th Vision Science of Art Conference (VSAC), Aberdeen, Scotland (22.08.-24.08.2024).

[445] Pastukhov, A., Hesslinger, V. M., & **Carbon**, C. C. (2024). *Mona Lisa's uncatchable smile, captured by the eye tracker*. Poster presentation at the 10th Vision Science of Art Conference (VSAC), Aberdeen, Scotland (22.08.-24.08.2024).

[444] Fischer, U. C., Ortlieb, S. A., & **Carbon**, C. C. (2024). *Scaling kitsch: How item response analysis deepens our understanding of aesthetic concepts*. Poster presentation at the 10th Vision Science of Art Conference (VSAC), Aberdeen, Scotland (22.08.-24.08.2024).

[443] Campagna, M., Pastukhov, A., & **Carbon**, C. C. (2024). *Multisensory aesthetic perception: A qualitative study accompanied by eye-tracking and video-capturing to analyse visuo-tactile interactions with material textures*. Oral presentation at the 10th Vision Science of Art Conference (VSAC), Aberdeen, Scotland (22.08.-24.08.2024).

[442] Hur, Y.-J., & **Carbon**, C. C. (2024). "Who are the Bruckner listeners and what do they hear in Bruckner?" *An empirical exploration into the current reception of Anton Bruckner's music*. Oral presentation at the International Congress during the Brucknertage in Sankt Florian, Austria (20.08.-23.08.2024)

[441] Metzner, S., **Carbon**, C.-C., Steigleder, T., & Müller-Bohn, J. (2024). *Arousal as a Predictor of Valence and Analgesic Effect: A Mixed-Method-Study on Live-played Sounds Against Pain*. Oral presentation at the NMTC24 (11th Nordic Music Therapy Conference), Aalborg, Denmark (26.06.-29.06.2024).

[440] Döbler, N., & **Carbon**, C.-C. (2024). *Everybody's Foe? On the Ideological Reasons to Reject or Endorse Human Enhancement and Transhumanism*. Oral presentation at the 17th World Congress of Bioethics, Doha, Qatar (03.06.-06.06.2024).

[439] Döbler, N., Pastukhov, A., & **Carbon**, C.-C. (2024). *Exploring the impact of genetic engineering on race: An analysis of a large scale dataset with high ecological validity*. Oral presentation at the 17th World Congress of Bioethics, Doha, Qatar (03.06.-06.06.2024).

[438] Bonerath, A., **Carbon**, C.-C., Miksch, S., Patrignani, M., & Tappini, A. (2024, rejected). *Time-dependent Route Planning on Maps - A User Study*. Oral presentation at the PacificVis 2024 at Mita campus, Keio University, Tokyo, Japan (23.04.-26.04.2024).

[437] Vogl, L. K., & **Carbon**, C.-C. (2024; actually not presented). *Navigating the Human-AI Artistic Landscape: Cognitive Perspectives on AI as a Collaborator in Human Creativity*. Oral presentation at the biennial congress of the International Association of Empirical Aesthetics, Palma, Spain (08.05.-10.05.2024).

[436] **Carbon**, C.-C., & Pastukhov, A. (2024). *Where comes the light from in art?* Oral presentation at the biennial congress of the International Association of Empirical Aesthetics (IAEA), Palma, Spain (08.05.-10.05.2024).

[435] Doeblner, N., & **Carbon**, C.-C. (2024). *False negatives: On the necessity of extraterrestrial participation for human recognition and beyond*. Oral presentation at the Kavli-lau Symposium “(Toward) Discovery of Life Beyond Earth and its Impact” at Durham University, UK (15.04.-19.04.2024).

[434] Kloeckner, N., Mueller, R., **Carbon**, C. C. & Strobach, T. (2024). *Investigating Age Effects on Face Adaptation*. Oral presentation at the 66.Tagung experimentell arbeitender Psychologen (TEAP), Regensburg/Germany (17.3.2024-20.3.2024).

[433] Döbler, N., & **Carbon**, C.-C. (2024). *Human Enhancement im Gesundheitssystem und Alltag: Aktuelle und zukünftige Perspektiven*. Oral presentation at the 16. dggö (Deutsche Gesellschaft für Gesundheitsökonomie e.V.) Jahrestagung 2024, Halle (Saale) (04.03.-05.03.2024).

2023

[432] Goetz, I., Tesch, J., Hesslinger, V. M., Jankovic, D., & **Carbon**, C. C. (2023). *Towards a virtualization of an art experiencing context: Comparing the experience of art appreciation in a gallery and a shop context using VR*. Oral talk at the Eva conference Berlin (Electronic Media and Visual Arts), Berlin, Germany (29.11.-01.12.2023).

[431] **Carbon**, C. C. (accepted). *InnovationLeadership: Herausforderungen bewältigen, Zukunft innovativ gestalten*. Keynote address, Symposium on Innovationleadership at the European Academy of Sciences and Arts, Munich, Germany (xy.xy.2023).

[430] Ziat, M., Li, Z., Huang, K.-Y., Ordaz, J., Yeh, M., Chow, C. & **Carbon**, C. C. (2023). *The Bentley Eastern-Western Aesthetics Database for Experimental Aesthetics*. Oral presentation at the 64th Annual meeting of the Psychonomic Society, San Francisco, CA/USA (16.11.-19.11.2023).

[429] **Carbon**, C. C. (2023). *Robots and Ai in Gastronomy: The human side of the story*. Invited Keynote at the DeHoGa Zukunftstag, Coburg, Germany (13.11.2023).

[428] Doeblner, N., **Carbon**, C. C., & Schaub, H. (2023). *Human Enhancement without organizational knowledge and by organizational order*. Talk at the Conference on Technology Ethics – Tethics 2023, Turku, Finland (18.10.-19.10.2023).

[427] Bonerath, A., **Carbon**, C.-C., Miksch, S., Patrignani, M., & Tappini, A. (2023, rejected). *Time-dependent Route Planning on Maps - A User Study*. Oral presentation at the 31th International Symposium on Graph Drawing and Network Visualization (GD 2023), Isola delle Femmine/Italia (20.09.-22.09.2023).

[426] Buß, E., **Carbon**, C. C., & Pastukhov, A. (2023). *Abnormalities in visual processing regarding Body Image Concern levels – not that abnormal after all?* Poster presentation at the 45th European Conference on Visual Perception (ECVP), Paphos/Cyprus (27.08.-31.08.2023).

[425] Pastukhov, A., Styrnal, M., & **Carbon**, C. C. (2023). *Perceptual coupling, not binocular rivalry, requires attention*. Oral presentation at the 45th European Conference on Visual Perception (ECVP), Paphos/Cyprus (27.08.-31.08.2023).

- [424] Van der Hulst, E., Pastukhov, A., van Geert, E., **Carbon**, C. C., & Wagemans, J. (2023). *Objective vs subjective order and complexity in relation to aesthetics tested with evolutionary algorithms*. Oral presentation at the 45th European Conference on Visual Perception (ECVP), Paphos/Cyprus (27.08.-31.08.2023).
- [423] Styrnal, M., & Pastukhov, A., **Carbon**, C. C., & Kristjansson, A. (2023). *Geistesblitz: Repetition priming of indirect attentional sets*. Poster presentation at the 45th European Conference on Visual Perception (ECVP), Paphos/Cyprus (27.08.-31.08.2023).
- [422] Mueller, R., Langton, S., Strobach, T., **Carbon**, C. C., & Hancock, P. (2023). *Fixation patterns during and after face adaptation*. Poster presentation at the 45th European Conference on Visual Perception (ECVP), Paphos/Cyprus (27.08.-31.08.2023).
- [421] **Carbon**, C. C., Styrnal, M., & Pastukhov, A. (2023). *Beyond the magical number of seven: Subitizing does not reflect a pre-categorical process limited to 7 items but benefits from cardinal patterns way beyond this so-called magical frontier of iconic memory*. Poster presentation at the 45th European Conference on Visual Perception (ECVP), Paphos/Cyprus (27.08.-31.08.2023).
- [420] Griebel, B., Raab, M. H., & **Carbon**, C. C. (2023). *ASMR: An initial classification system of media regarding autonomous sensory meridian responses*. Poster presentation at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).
- [419] Kueffner, K., **Carbon**, C. C., & Raab, M. H. (2023). *Small gesture, large trigger*. Poster presentation at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).
- [418] Goetz, I., Tesch, J., Janković, D., & **Carbon**, C. C. (2023). *Towards a virtualisation of an art experiencing context: Comparing the experience of art appreciation in a gallery and a shop context using VR*. Poster presentation at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).
- [417] Pastukhov, A., & **Carbon**, C. C. (2023). *Quantifying accuracy of Low Countries map rendering in Vermeer's "Art of Painting"*. Poster presentation at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).
- [416] Pieper, L. K., & **Carbon**, C. C. (2023). *„Am (A)I creative?": About the Perception of AI Supported Creativity*. Oral presentation at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).
- [415] Sommermann, V., Raab, M. H., & **Carbon**, C. C. (2023). *Ernesto "Che" Guevara in 4-bit: Measuring iconicity of famous photographs by pixelization*. Oral presentation at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).
- [414] Van der Hulst, E., Pastukhov, A., van Geert, E., **Carbon**, C. C., & Wagemans, J. (2023). *"The Beauty and the Beast"; on the value of genetic algorithms in empirical aesthetics*. Oral presentation at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).
- [413] Ortlieb, S. A., & **Carbon**, C. C. (2023). *The Bamberg Repository of Contemporary Kitsch (BaRoCK): Standardized visual stimuli for research on everyday aesthetics*. Poster

presentation at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).

[412] **Carbon, C. C.** (2023). *An approach to unify the different appeals of digital, analog and digital-analog hybrid art in a universal Theory of Aesthetics*. Oral presentation at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).

[411] **Carbon, C. C.** (2023). *Experiencing Art*. Keynote address at the Vision Science of Art (VSAC) conference, Nicosia, Cyprus (24.08.-25.08.2023).

[410] Lavrsen, J., **Carbon, C. C.**, Daalhuizen, J. (2023). *The design mindset inventory (D-Mindset0): a preliminary instrument for measuring design mindset*. Oral presentation at the ICED23 - 24th International Conference on Engineering Design, Bordeaux, France (24.07.2023-28.07.2023).

[409] Kohllöffel, K., Luccarelli, M., & **Carbon, C. C.** (2023). *Green product personality: Developing a product concept made of recycled ocean plastic based on the collection of context-related personality traits*. Oral presentation at the ICED23 - 24th International Conference on Engineering Design, Bordeaux, France (24.07.2023-28.07.2023).

[408] Breitschaft, S., Heijboer, S., Shor, D. E., Tempelman, E., Vink, D. & **Carbon, C. C.** (2023). *The Haptic Fidelity Framework: A qualitative overview and categorization of cutaneous-based haptic technologies through fidelity*. Poster presentation at the IEEE World Haptics, Delft, The Netherlands (11.07.2023-13.07.2023).

[407] Berni, A., Borgianni, Y., & **Carbon, C. C.** (2023). *Fluency of stimuli comparing two different representation forms: Image and Real product*. Oral presentation at the ISIEA23 - 2nd International Symposium on Industrial Engineering and Automation, Bozen/Bolzano, Italy (22.06.2023-23.06.2023).

[406] Döbler, N., & **Carbon, C. C.** (2023). *Advances in Exopsychology*, Poster presentation, Penn State SETI Symposium, State College, Pennsylvania, USA (19.06.-22.06.2023).

[405] **Carbon, C. C.** (2023). *Aesthetics beyond the visual empire*. Keynote address at the Visual Properties Driving Visual Preference conference (VPDVP), University of Liverpool, Liverpool, England (02.06.2023).

[404] Goetz, I., Bernhard, L., Egerer, L., Kauffmann, V. L., Karg, F. M., Matschl, E., Wittchen, A. H., Alexander, I., Pastukhov, A., & **Carbon, C. C.** (2023). *An Art Specific State of Mind? Immoral Behaviour is Evaluated Less Negatively in The Context of Art*. Oral presentation at the 65.Tagung experimentell arbeitender Psychologen (TEAP), Trier/Germany (26.3.2023-29.3.2023).

[403] **Carbon, C. C.** (2023). *Dynamics of Aesthetics*. Keynote address at the Universality of Aesthetic Experience in Individual Contexts Symposium, University of Suceava, Suceava, Romania (23.02-25.02.2023).

[402] **Carbon, C. C.** (2023). *Don't trust the object*. Lighting talk at the Dagstuhl Seminar Perception in Network Visualization (23051) at Schloss Dagstuhl – Leibniz-Zentrum für Informatik in Wadern, Germany (29.01.-03.02.2023).

[401] Della Guardia, J., Döbler, N. & **Carbon**, C. C. (2023). *Space Refuge: A case report on "Cyberpunk: Edgerunner"*. Poster presentation at the Space Science in Context conference (SSiC) (26.01.2023).

2022

[400] Li, Z., **Carbon**, C. C., & Ziat, M. (2022). *Face adaptation aftereffects on local information*. Poster presentation at the 63rd Annual meeting of the Psychonomic Society, Boston, Massachusetts/USA (17.11.-20.11.2022).

[399] **Carbon**, C. C. (2022). *Maps on our mind: Flexible, dynamic, non-unitary, situation-adapted, spares, and intelligent*. Oral presentation at the ISF workshop on Urban innovation through walkability and spatial cognition, Tel Aviv & Jerusalem/Israel (19.09.-21.09.2022).

[---] **Carbon**, C. C. (2022). *InnovationLeadership: Herausforderungen bewältigen, Zukunft innovativ gestalten*. Invited talk, Symposium on Innovationleadership at the European Academy of Sciences and Arts, Munich, Germany (22.09.2022—postponed).

[398] Döbler, N., della Guardia, J., & **Carbon**, C. C. (2022). *Stumbling affords remembrance: Perceptual and behavioral engagement with a Holocaust memorial*. Poster presentation at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).

[397] **Carbon**, C. C. (2022). *Face Perception*. Invited chair to the symposium Face Perception at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).

[396] Pastukhov, A., & **Carbon**, C. C. (2022). *Spread the word: Perceptual switches propagate new state within spatial surround*. Oral presentation at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).

[395] Pastukhov, A., & **Carbon**, C. C. (2022). *EEG components P2 and P4 are sensitive to differentiating between bistable and unambiguous kinetic-depth effect displays*. Poster presentation at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).

[394] Schneider, T. M., & **Carbon**, C. C. (2022). *The Episodic Prototypes Model (EPM): On the nature and genesis of facial representations based on a face-verification-task*. Poster presentation at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).

[393] Koßmann, L., **Carbon**, C. C., & Pastukhov, A. (2022). *How to form perceptual memory of multistability: Bias perception but gently*. Oral presentation at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).

[392] Mueller, R., Utz, S., **Carbon**, C. C., & Strobach, T. (2022). *Face adaptation effects on non-configural face information*. Poster presentation at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).

- [391] **Carbon, C. C.**, Styral, M., & Pastukhov, A. (2022). *The central shadow rules them all: About how we assess the main location of light source via analysis of drop shadows in a scene*. Oral presentation at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).
- [390] Styral, M., **Carbon, C. C.**, & Pastukhov, A. (2022). *Kinetic-depth effect multistability persists when attention is distracted by an attention-demanding RSVP task*. Oral presentation at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).
- [389] Raab, M., Styral, M., Amichair-Hamburger, Y., Pastukhov, A., & **Carbon, C. C.**, (2022). *Face masks undermine first-glance affective responses to emotional facial displays*. Poster presentation at the 44th European Conference on Visual Perception (ECVP), Nijmegen/Netherlands (28.08.-01.09.2022).
- [388] Pieper, L. K., Hesslinger, V. M., & **Carbon, C. C.** (2022). *Two sides of Fechner's Medal – Investigating differences in the experience of design objects depending on personal narratives vs formal descriptions*. Poster presentation at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [387] Hesslinger, V. M., Pieper, L. K., & **Carbon, C. C.** (2022). *Greater than the sum of its components: Exploring differences in analytic and synthetic art perception*. Poster presentation at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [386] **Carbon, C. C.** (2022). *Spaces and Senses*. Invited chair to the symposium Spaces and Senses at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [385] Ortlieb, S. A., Kleindienst, A. C., Jiranek, A. K., Renner, T. E., & **Carbon, C. C.** (2022). *Toward a canvas of kitsch: Exploring different types of kitsch based on a combination of cluster and content analyses*. Poster presentation at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [384] Fischer, U. C., Ortlieb, S. A., **Carbon, C. C.** (2022). *United colours of kitsch: How associations modulate aesthetic evaluations*. Poster presentation at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [383] Goetz, I., **Carbon, C. C.** (2022). *Functional functionlessness: People approach immoral content differently within the context of art*. Poster presentation at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [382] Muth, C., Westphal-Fitsch, G., & **Carbon, C. C.** (2022). *Experience and interest shape the perception of order. How affinity for art and design changes our look at visual patterns*. Poster presentation at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [381] Sommermann, V., & **Carbon, C. C.** (2022). *Icons of Photojournalism: References and connectivity to pictorial archetypes*. Oral presentation at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).

- [380] Hanisch, L., **Carbon**, C. C., & Raab, M. H. (2022). *Welcome to the Warp Zone: The digital canvas needs our attention*. Practical demonstration at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [379] Raab, M. H., Hanisch, L., Tesch, J., & **Carbon**, C. C. (2022). *The creative potential of digital constraints*. Oral presentation at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [378] **Carbon**, C. C., & Pastukhov, A. (2022). *The sun from top left: An aesthetic default from the Renaissance is not available for laypersons*. Oral presentation at the 8th Visual Science of Art Conference (VSAC), Amsterdam/Netherlands (24.08.-27.08.2022).
- [377] Lorenz, C. J., **Carbon**, C. C., Meffert, R., & Eden, L. (2022). *Do they come in peace? An Empirical Exploration of the Visual Reception of Extraterrestrials*, Oral presentation at the den Jahreskongress des DVSE (D-A-CH Vereinigung für Schulter und Ellenbogenchirurgie), Munich, Germany (20.07.-22.07.2022).
- [376] Döbler, N., & **Carbon**, C. C. (2022). *Do they come in peace? An Empirical Exploration of the Visual Reception of Extraterrestrials*, Poster presentation, Penn State SETI Symposium, State College, Pennsylvania, USA (27.06.-30.06.2022).
- [375] Mueller, R. Utz, S., **Carbon**, C. C., & Strobach, T. (2022). *Face adaptation effects on non-configural face information*, Oral presentation, 64th Conference of Experimental Psychologists (TeaP), Cologne, Germany (20.03.-23.03.2022).
- [374] Raab, M., Biener, A., Habbig, C., Weth, K., & **Carbon**, C. C. (2022). *A playlist from the past: musical associations and nostalgic feelings*, Oral presentation on the Symposium on Experimental Aesthetics I, 64th Conference of Experimental Psychologists (TeaP), Cologne, Germany (20.03.-23.03.2022).
- [373] Witt, J., Dumancic, S., Guns, T., & **Carbon**, C. C. (2022, 2nd round rejection). *Analogy-driven Program Synthesis Using Object-based Transformations*, Paper presentation at the 36th Thirty-Sixth AAAI Conference on Artificial Intelligence (AAAI), Vancouver, Canada (22.02.-01.03.2022).

2021

- [372] **Carbon**, C. C. (2021). *The Face of the Pandemic. About the impact face masks have on our perception and action*, Keynote presentation at the 3rd International Symposium "Experimental and Clinical Medicine 2021", Kachreti, Georgia (04.10.-06.10.2021).
- [371] Mueller, R., Utz, S., **Carbon**, C. C., & Strobach, T. (2021). *Face Adaptation Effects on Non-Configural Face Information*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [370] Styrral, M., Pastukhov, A., & **Carbon**, C. C. (2021). *Multistability: Perceptual history alters shape (not just the mean) of dominance phase distribution*, Oral presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).

- [369] Janković, D., & **Carbon**, C. C. (2021). *Art experience in VR vs. real-world context: A question of ecological validity*, Oral presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [368] Döbler, N. A., & **Carbon**, C. C. (2021). *The View From Somewhere: Perspective and Relational Foundation of Outer Space Perception*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [367] Goetz, I., & **Carbon**, C. C. (2021). *Theoretical and Empirical Considerations of The Mode of Art Experience (MAX) Concept*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [366] Maier, E., Ortlieb, S. A., & **Carbon**, C. C. (2021). *When conventionality breeds contempt: Using the Repeated Evaluation Technique (RET) to predict kitsch judgements*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [365] Mertz, A. E., Schneider, T. M., & **Carbon**, C. C. (2021). *Applying Fechner's Aesthetic Association Principle to the World of Testimonials*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [364] Muth, C., Pastukhov, A., & **Carbon**, C. C. (2021). *Anticipating transitions in a movie. On dynamic order and interesting dynamics*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [363] Raab, M. H., & **Carbon**, C. C. (2021). *Perceiving the own fovea by using a rotating disc*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [362] Pastukhov, A., Styrnal, M., & **Carbon**, C. C. (2021). *Multistability of homonyms' meaning*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [361] Koßmann, L., Pastukhov, A., & **Carbon**, C. C. (2021). *Proximity, expectations, and attention but not necessarily physics determine perception for simultaneously viewed multiple bistable displays*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [360] Ziat, M., Li, Z., Jhunjhunwala, R., & **Carbon**, C. C. (2021). *Touching a Renoir: Understanding the associations between visual and tactile characteristics*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [359] Witt, J., Dumancic, S., Guns, T., & **Carbon**, C. C. (2021). *A grammar-based description of perceptual organization for scene segmentation*, Poster presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).
- [358] **Carbon**, C. C., Pastukhov, A., & Serrano, M. (2021). *Experiencing Face Masks. About the impact face masks have on perception and action*, Oral presentation at the 43rd European Conference on Visual Perception (ECVP), Europe (22.08.-27.08.2021).

[357] **Carbon, C. C.** (2021). *Die Rolle der Wahrnehmungspsychologie für das Verständnis des Unscheinbaren. Zwischen Pareidolie, Chimäre und scheinbarer Gewissheit [On the understanding of the inconspicuousness via perceptual psychology. Between Pareidolia, Chimera and seeming Certainty]*. Invited keynote address at the Symposium Mikroarchitektur und Oberfläche im Straßenraum von Städten der römischen Kaiserzeit [Micro architecture and surface in the Urban space of cities of the Roman Empire], Erlangen, Germany (23.04.-24.04.2021).

[356] Mueller, R., Utz, S., **Carbon, C. C.**, & Strobach, T. (2021). *Face Adaptation Effects to Non-Configural Face Information*, Electronic presentation, 63rd Conference of Experimental Psychologists (TeaP), Ulm, Germany (14.03.-17.03.2021).

2020

[355] **Carbon, C. C.** (2020). *Warum Verschwörungstheorien wirken und wie man damit umgeht [Why conspiracy theories appeal and function and how we can cope with them]*. Invited keynote address at the Lehrermedientag of the Nürnberger Nachrichten and Nürnberger Zeitung, Nuremberg, Germany (18.11.2020).

[354] **Carbon, C. C.** (2020). *Zukunftsgedanken zur Main-Donau-Region*. Invited keynote address at the Symposium Digitaler Main/Donau, Wunsiedel, Germany (25.10.2020).

[353] **Carbon, C. C.** (2020, cancelled due to COVID-19). *Die Rolle der Wahrnehmungspsychologie für das Verständnis des Unscheinbaren. Zwischen Pareidolie, Chimäre und scheinbarer Gewissheit [On the understanding of the inconspicuousness via perceptual psychology. Between Pareidolia, Chimera and seeming Certainty]*. Invited keynote address at the Symposium Mikroarchitektur und Oberfläche im Straßenraum von Städten der römischen Kaiserzeit [Micro architecture and surface in the Urban space of cities of the Roman Empire], Erlangen, Germany (23.10.-24.10.2020).

[352] **Carbon, C. C.** (2020, cancelled due to COVID-19). *True Art Experience*. Keynote talk at the 8th Visual Science of Art Conference (VSAC), Zagreb/Croatia (21.08.-23.08.2020).

[351] Fingerhut, J., Ballestrem, M., & **Carbon, C. C.** (2020, subm.). *Public Life and Architectural Gestalt. A Series of Empirical Studies on Public Interiors*. Oral talk at the conference Public Space: The Real and the Ideal, organized by the International Society for the Philosophy of Architecture (ISPA), Monte Verità/Switzerland (02.08.-05.08.2020).

[350] **Carbon, C. C.**, Cumming, D., Voropai, D., Mosahebi, A., & Goldie, K. (2020, cancelled due to COVID-19). *About the flexibility of facial aesthetics: Adaptation effects regarding lip fullness*. Poster presentation, 20th Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, FL/USA (15.5.-20.5.2020).

[349] Utz, S., Mueller, R., Strobach, T., & **Carbon, C. C.** (2020, cancelled due to COVID-19). *Which quantities are relevant to mental representations of faces?* Poster presentation, 20th Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, FL/USA (15.5.-20.5.2020).

[348] Mueller, R., Utz, S., **Carbon, C. C.**, & Strobach, T. (2020, cancelled due to COVID-19). *Face Adaptation and Face Priming as Tools for Getting Insights into the Quality of Face Space*.

Oral presentation, 20th Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, FL/USA (15.5.-20.5.2020).

[347] Müller, R., Utz, S., **Carbon**, C. C., & Strobach, T. (2020, cancelled due to COVID-19.). *Face adaptation effects to non-configural Information*, Oral presentation, 61st Conference of Experimental Psychologists (TeaP), Jena, Germany (22.03.-25.03.2020).

[346] Muth, C., Westphal-Fitsch, G., & **Carbon**, C. C. (2020, cancelled due to COVID-19). *Seeking (dis)order in visual patterns*, Oral presentation, 61st Conference of Experimental Psychologists (TeaP), Jena, Germany (22.03.-25.03.2020).

[345] **Carbon**, C. C. (2020). *Empirische Ästhetik: Wo sich Psychologie und Medizin treffen*, Invited keynote lecture, 24. Jahreskongress der Österreichischen Gesellschaft für Mund-, Kiefer-und Gesichtschirurgie, Bad Hofgastein, Austria (29.01.2020).

[344] **Carbon**, C. C. (2020). *Psychology of trust*, Invited talk, at the International Workshop on Trust in Political Authorities in a Changing Democracy, Udine, Italy (09.01.-10.01.2020).

2019

[343] **Carbon**, C. C. (2019). *Towards more psychology in the design community*. Invited oral presentation, Thirtieth anniversary "Heron island" conference on computational and cognitive models of creative design (HII9), Heron Islands/Australia (15.12.-18.12.2019).

[342] Adiarte, S., & **Carbon**, C. C. (2019). *Political and ethnic-national spatial entities, tolerance and geographical judgment*. Poster presentation, Fachtagung der Wissenschaftlichen Fachgesellschaft für Künstlerische Therapien (WKFT), Heidelberg/Germany (20.09.2019).

[341] Sagi, S. Omer, I., & **Carbon**, C. C. (2019). *Political and ethnic-national spatial entities, tolerance and geographical judgment*. Poster presentation, 14th International Conference on Spatial Information Theory (Cosit), Regensburg/Germany (09.09.-13.09.2019).

[340] Witt, J., M., & **Carbon**, C. C. (2019). *Frequency-based object identification. Exploring spectral analysis as a means of simulating human perception in visual systems*, Poster presentation at the 42nd European Conference on Visual Perception (ECVP), Leuven/Belgium (25.08.-29.08.2019).

[339] Muth, C., & **Carbon**, C. C. (2019). *Ambivalence of artistic photographs can foster interest and the motivation to engage*, Poster presentation at the 42nd European Conference on Visual Perception (ECVP), Leuven/Belgium (25.08.-29.08.2019).

[338] Utz, S., Hartmann, J., & **Carbon**, C. C. (2019). *Crossmodal correspondence between sensory mode and hue: comparing explicit and implicit measures*, Poster presentation at the 42nd European Conference on Visual Perception (ECVP), Leuven/Belgium (25.08.-29.08.2019).

[337] Knebel, K., Pastukhov, A., & **Carbon**, C. C. (2019). *Psychophysical testing in Virtual Reality (VR): The future lab setting or misleading garden-path?*, Poster presentation at the 42nd European Conference on Visual Perception (ECVP), Leuven/Belgium (25.08.-29.08.2019).

- [336] Koßmann, L., **Carbon**, C. C., & Pastukhov, A. (2019). *Perceptual dominance in face rivalry is driven by low-level properties*, Poster presentation at the 42nd European Conference on Visual Perception (ECVP), Leuven/Belgium (25.08.-29.08.2019).
- [335] Mueller, R., Utz, S., **Carbon**, C. C., & Strobach, T. (2019). *Face adaptation effects on non-configural information*, Poster presentation at the 42nd European Conference on Visual Perception (ECVP), Leuven/Belgium (25.08.-29.08.2019).
- [334] Styrral, M., Walter, K., Pastukhov, A., & **Carbon**, C. C. (2019). *Bistable photos do not pop out but provoke a prolonged inspection*, Poster presentation at the 42nd European Conference on Visual Perception (ECVP), Leuven/Belgium (25.08.-29.08.2019).
- [333] Pastukhov, A., & **Carbon**, C. C. (2019). *Perceptual inference is facilitated by transient propagation of information about newly established state to nearby locations*, Oral presentation at the 42nd European Conference on Visual Perception (ECVP), Leuven/Belgium (25.08.-29.08.2019).
- [332] **Carbon**, C. C., & Hesslinger, V. M. (2019). *Experiencing ASMR. About the phenomenology of video sequences that trigger excitement and subsequent relaxation*, Poster presentation at the 42nd European Conference on Visual Perception (ECVP), Leuven/Belgium (25.08.-29.08.2019).
- [331] Tratz, C., Schneider, T. M., & **Carbon**, C. C. (2019). *Terminology and classification of selfies*. Poster presentation at the 7th Visual Science of Art Conference (VSAC), Leuven/Belgium (21.08.-24.08.2019).
- [330] Vlasova, J., Fischer, U. C., **Carbon**, C. C., & Ortlieb, S. (2019). *An itch for kitsch: Do needs for security and arousal modulate the appreciation of decorative everyday objects?* Poster presentation at the 7th Visual Science of Art Conference (VSAC), Leuven/Belgium (21.08.-24.08.2019).
- [329] Raab, M. H., & **Carbon**, C. C. (2019). *There is a crack in everything. Is that how the appreciation comes in?* Poster presentation at the 7th Visual Science of Art Conference (VSAC), Leuven/Belgium (21.08.-24.08.2019).
- [328] **Carbon**, C. C. (2019). *Ecological Art Experience: How we can learn from ecologically valid settings and contexts*. Poster presentation at the 7th Visual Science of Art Conference (VSAC), Leuven/Belgium (21.08.-24.08.2019).
- [327] Ortlieb, S., & **Carbon**, C. C. (2019). *Back to the roots: towards a new 'aesthetic from below'*. Poster presentation at the 7th Visual Science of Art Conference (VSAC), Leuven/Belgium (21.08.-24.08.2019).
- [326] Muth, C., Briesen, J., & **Carbon**, C. C. (2019). *Appealing non-beauty*. Oral presentation at the 7th Visual Science of Art Conference (VSAC), Leuven/Belgium (21.08.-24.08.2019).
- [325] Fingerhut, J., Ballestrem, M., & **Carbon**, C. C. (2019). *Architectural and Visual Complexity. A Series of Studies of Aesthetic and Behavioral Ratings*. Oral presentation at the 7th Visual Science of Art Conference (VSAC), Leuven/Belgium (21.08.-24.08.2019).

[324] Jankovic, D., Jevremovic, V. & **Carbon**, C. C. (2019). *Visual art in the digital age: About the art experience in VR vs. ordinary displayed museum contexts*. Oral presentation at the 7th Visual Science of Art Conference (VSAC), Leuven/Belgium (21.08.-24.08.2019).

[323] Breitschaft, S. J., Clarke, S., & **Carbon**, C. C. (2019). *Using haptic shapes for orientation and identification in automotive user interfaces*, Presentation at IEEE World Haptics Conference, Tokyo, Japan (09.07-12.07.2019).

[322] **Carbon**, C. C. (2019). *What do we like? About art, design and kitsch*, Invited keynote lecture, 2nd Transactions Imaging/Art/Science: Image quality, content and aesthetics, Westminster University, London, UK (26.04.2019).

[321] Müller, R., Utz, S., **Carbon**, C. C., & Strobach, T. (2019). *Face adaptation effects on local information*, Poster presentation, 60th Conference of Experimental Psychologists (TeaP), London, UK (15.04.-17.04.2019).

[320] **Carbon**, C. C. (2019). *How Technical Professions can benefit from Insights from Psychology*, Symposium "The impact of scientific-technical progress on human health" at University Geomedi, Tbilisi, Georgia (12.04.2019).

2018

[319] Prasch, J., **Carbon**, C. C., & Blijlevens, J. (2018). *Gamified Behavioural Nudge into Social Closeness*. Oral presentation at the Australian and New Zealand Marketing Academy (ANZMAC), Adelaide, Australia (03.12.-05.12.2018).

[318] Roeder, S., Trams, W., Hajak, G., & **Carbon**, C. C. (2018). *PICSSi Puzzle: Spielerische Verbesserung der kognitiven Leistungs- und Merkfähigkeit*. Oral presentation at the Congress of the German Association for Psychiatry, Psychotherapy and Psychosomatics (DGPPN), Berlin/Germany (28.11.-01.12.2018).

[317] Strobach, T., Mueller, R., Utz, S., & **Carbon**, C. C. (2018). *Face adaptation aftereffects on local information*. Poster presentation at the 59th Annual meeting of the Psychonomic Society, New Orleans, Louisiana (15.11.-18.11.2018).

[316] Ballestrem, M., **Carbon**, C. C., & Fingerhut, J. (2018). *Complexity in public interior spaces*. Poster presentation at the International Association of Empirical Aesthetics Congress (IAEA), Toronto/Canada (30.08.-02.09.2018).

[315] Adiarte, S., Koch, S. C., Hermanutz, M., Tschacher, W. & **Carbon**, C. C. (2018). *How dynamic visual cues help to expose a liar: Laban/Bartenieff Movement Studies in the field of police interviewing*. Poster presentation at the 41st European Conference on Visual Perception (ECVP), Trieste/Italy (26.08.-30.08.2018).

[314] Roeder, S., Trapp, W., & **Carbon**, C. C. (2019). *Nature-themed puzzles and the Aesthetic Aha*. Poster presentation at the 41st European Conference on Visual Perception (ECVP), Trieste/Italy (26.08.-30.08.2018).

[313] Utz, S., & **Carbon**, C. C. (2018). *The iron lady gets emotional: Emotional expressions strongly impact the Thatcher Illusion*. Poster presentation at the 41st European Conference on Visual Perception (ECVP), Trieste/Italy (26.08.-30.08.2018).

- [312] Mueller, R., Utz, S., **Carbon**, C. C., & Strobach, T. (2018). *Face adaptation aftereffects on local information*. Poster presentation at the 41st European Conference on Visual Perception (ECVP), Trieste/Italy (26.08.-30.08.2018).
- [311] Pastukhov, A., Zaus, C. R., & **Carbon**, C. C. (2018). *Location-specific priming of perceptual reversals for kinetic-depth effect*. Poster presentation at the 41st European Conference on Visual Perception (ECVP), Trieste/Italy (26.08.-30.08.2018).
- [310] **Carbon**, C. C. (2018). *What happens when you perceive a sun eclipse?* Poster presentation at the 41st European Conference on Visual Perception (ECVP), Trieste/Italy (26.08.-30.08.2018).
- [309] Schneider, T. M., Pastukhov, A., & **Carbon**, C. C. (2018). *Historic Faces: An investigation of head and eye direction in art portraits across 1000 years of Western history*. Poster presentation at the 41st European Conference on Visual Perception (ECVP), Trieste/Italy (26.08.-30.08.2018).
- [308] Raab, M. Burmester, A., **Carbon**, C. C., & Pastukhov, A. (2018). *Add-on gamification might help to increase participants' motivation, but not evidently their performance in a visual color-matching task*. Poster presentation at the 41st European Conference on Visual Perception (ECVP), Trieste/Italy (26.08.-30.08.2018).
- [307] Muth, C., & **Carbon**, C. C. (2018). *Shifting in and out of Semantic (In)stability. A dynamic view on interest in visual ambiguity, indeterminacy, and disorder*. Oral presentation at the 6th Visual Science of Art Conference (VSAC), Trieste/Italy (24.08.-26.08.2018).
- [306] Schneider, T., & **Carbon**, C. C. (2018). *One Thousand and One Selfies: About the rules, specificities and curiosity of selfies and the impact on attractiveness, sympathy and perceived competence*. Poster presentation at the 6th Visual Science of Art Conference (VSAC), Trieste/Italy (24.08.-26.08.2018).
- [305] Utz, S., Reichenbecker, A., & **Carbon**, C. C. (2018). *Evaluation of dynamic preferences using the Repeated Evaluation Technique (RET) - The impact of innovation, complexity, attractiveness, and personality on the perception of fashion*. Poster presentation at the 6th Visual Science of Art Conference (VSAC), Trieste/Italy (24.08.-26.08.2018).
- [304] Fischer, U. C., Vlasova, J., **Carbon**, C. C., & Ortlieb, S. (2018). *Coping with kitsch? People with different coping-styles respond differently to decorative everyday objects*. Poster presentation at the 6th Visual Science of Art Conference (VSAC), Trieste/Italy (24.08.-26.08.2018).
- [303] Heiligensetzer, S., Schmittlutz, T., & **Carbon**, C. C. (2018). *Creativity and Complexity: Creative solutions are more complex but need also more time*. Poster presentation at the 6th Visual Science of Art Conference (VSAC), Trieste/Italy (24.08.-26.08.2018). *** BEST PAPER AWARD VSAC 2018 ***
- [302] Raab, M. H., Wolff, F., & **Carbon**, C. C. (2018). *Character design in video game art: Stereotypical facial aesthetics elicits emotional distress in morally demanding situations*. Poster presentation at the 6th Visual Science of Art Conference (VSAC), Trieste/Italy (24.08.-26.08.2018).

- [301] Vlasova, J., Fischer, U. C., **Carbon**, C. C., & Ortlieb, S. (2018). *Home sweet home: Is kitsch more popular with people who value security over arousal?* Poster presentation at the 6th Visual Science of Art Conference (VSAC), Trieste/Italy (24.08.-26.08.2018).
- [300] **Carbon**, C. C. (2018). *Aesthetic Appreciation: The power of Zeitgeist*. Poster presentation at the 6th Visual Science of Art Conference (VSAC), Trieste/Italy (24.08.-26.08.2018).
- [299] **Carbon**, C. C. (2018). *Old Masters, new insights: About the perceptual expertise of great artists*, Invited talk, Art & Science symposium at the Nijmegen museum, Nijmegen, The Netherlands (29.06.2018).
- [298] **Carbon**, C. C. (2018). *Design from a psychological perspective*, Invited keynote lecture, DESIGN 2018 conference, Dubrovnik, Croatia (21.05.-24.05.2018).
- [297] **Carbon**, C. C. (2018). *Dynamics of aesthetic appreciation*, Invited keynote lecture, Psychological 2018 conference, Belgrade, Serbia (23.03.-25.03.2018).
- [296] Utz, S., & **Carbon**, C. C. (2018). *Implicit measurement of the own-race bias using the visual search paradigm*. Poster presentation, 18th Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, FL/USA (18.5.-23.5.2018).
- [295] Muth, C., Raab, M., & **Carbon**, C. C. (2018). *Seeking (in)stability: Interest as a promise of Aesthetic Aha*, Poster presentation at the Visual Neuroaesthetics Symposium (VisNA) 2018, Max Planck Institute for Empirical Aesthetics, Frankfurt am Main, Germany (04.04.-06.04.2018).
- [294] **Carbon**, C. C. (2018). *Interieur aus psychologischer Sicht – Haptische und visuelle Anmutung*, Oral presentation at the Kooperationsforum: Interieur im Automobil—Enabling Technologies, Bamberg, Germany (14.3.2018).
- [293] Müller, R., Strobach, T., Utz, S., & **Carbon**, C. C. (2018). *Face adaptation aftereffects on local information*, Oral presentation, 59th Conference of Experimental Psychologists (TeaP), Dresden, Germany (11.3.-14.3.2018). Oral presentation, 59th Conference of Experimental Psychologists (TeaP), Dresden, Germany (11.3.-14.3.2018).
- [292] Ortlieb, S. A., & **Carbon**, C. C. (2018). *Coping with kitsch: Aesthetic appreciation and the dynamics of social motivation*, Oral presentation, 59th Conference of Experimental Psychologists (TeaP), Dresden, Germany (11.3.-14.3.2018).
- [291] Raab, M., Wolff, F. & **Carbon**, C. C. (2018). *Killing the deadly beauty. Character aesthetics in a video game influences the perceived burden in a moral dilemma situation*, Oral presentation, 59th Conference of Experimental Psychologists (TeaP), Dresden, Germany (11.3.-14.3.2018).
- [290] **Carbon**, C. C. (2018). *Visual representation in art, imaging and visualization with Tim Jenison of Tim's Vermeer fame*, Chair and organizer of the special 30th anniversary symposium, Human Vision Electronic Imaging (HVEI), Burlingame/CA, USA (28.01.-01.02.2018).

[289] **Carbon, C. C.** (2018). *Art changes our way of cognitive and affective processing—but how to ecologically validly measure such processes?*, Invited talk, Human Vision Electronic Imaging (HVEI), Burlingame/CA, USA (28.01.-01.02.2018).

2017

[288] **Carbon, C. C.** (2017). *Embodied cognition from a historical view*, Invited keynote lecture, 19th Herbstakademie: "Embodied Aesthetics: Resonance in Perception, Expression and Therapy", Heidelberg, Germany (05.10.-07.10.2017).

[287] **Carbon, C. C.** (2017). *Synästhetik: Zwischen multisensorischer Erfahrungswelt und synästhetischer Wahrnehmungsphänomene*, Invited keynote lecture, Symposium Synästhesie und Aufmerksamkeit: Ein Gespräch zwischen Philosophie und Lebenswissenschaften, Würzburg, Germany (20.9.-22.9.2017).

[286] Utz, S., & **Carbon, C. C.** (2017). *When vision is more emotionally loaded than music – the impact of visual-acoustic compatibilities in films on emotional assessments*. Poster presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).

[285] Muth, C., Albrecht, S. A., & **Carbon, C. C.** (2017). *“Aha”ptics: Experiencing and enjoying an Aesthetic Aha during haptic exploration*. Poster presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).

[284] Brütting, U., & **Carbon, C. C.** (2017). *Ekman’s expression research revisited: Theoretically and empirically checking the current standards of emotion expression research*. Poster presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).

[283] Pongjitt, A., & **Carbon, C. C.** (2017). *Reflecting and optimizing the terminology of prosopagnosia research*. Poster presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).

[282] Wehrle, T., Ortlieb, S. A., & **Carbon, C. C.** (2017). *How modified brand logos affect implicit attitudes: Is “Subvertising” really subversive?* Poster presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).

[281] Schneider, T. M., & **Carbon, C. C.** (2017). *How a face becomes familiar? Episodic facial prototypes and representations are generated across the life-span*. Poster presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).

[280] Wirth, B., & **Carbon, C. C.** (2017). *Face experts? Assessing passport-matching performance in police officers and novices*. Oral presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).

[279] Raab, M. H., & **Carbon, C. C.** (2017). *The clear-cut water drop: A visual illusion to perceive top-down saccadic fill-in*. Poster presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).

- [278] Roeder, S., & **Carbon**, C. C. (2017). *Men's perception of women's personality from static and dynamic visual cues*. Poster presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).
- [277] Muth, C., Albrecht, S. A., & **Carbon**, C. C. (2017). *"Aha"ptics: Experiencing and enjoying an Aesthetic Aha during haptic exploration*. Poster presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).
- [276] **Carbon**, C. C. (2017). *The Moon Illusion revisited: New insights by employing the Moon Diary app in the field*. Oral presentation at the 40th European Conference on Visual Perception (ECVP), Berlin/Germany (27.08.-31.08.2017).
- [275] Utz, S., & **Carbon**, C. C. (2017). *Do the perceived balance, harmony, and liking of original Mondrian paintings differ from Mondrian-like variant?* Poster presentation at the 5th Visual Science of Art Conference (VSAC), Berlin/Germany (25.08.-27.08.2017).
- [274] Raab, M. H., Waechter, H., Mchedlidze, T. & **Carbon**, C. C. (2017). *The relation of graph visualization and aesthetics: An empirical approach*. Poster presentation at the 5th Visual Science of Art Conference (VSAC), Berlin/Germany (25.08.-27.08.2017).
- [273] Pastukhov, A., & **Carbon**, C. C. (2017). *Painted light: What 10000 pictures reveal about the source of light across ten centuries*. Poster presentation at the 5th Visual Science of Art Conference (VSAC), Berlin/Germany (25.08.-27.08.2017).
- [272] Wehrle, T., Schifferstein, H. N. J., & **Carbon**, C. C. (2017). *Consumer expectations for vegetables with atypical colors: the case of carrots*. Poster presentation at the 5th Visual Science of Art Conference (VSAC), Berlin/Germany (25.08.-27.08.2017).
- [271] Ortlieb, S. A., Fischer, U. C., Moosmann, A. & **Carbon**, C. C. (2017). *Let's talk about gender: Linking aesthetic preferences to assertiveness and nurturance*. Poster presentation at the 5th Visual Science of Art Conference (VSAC), Berlin/Germany (25.08.-27.08.2017).
- [270] Muth, C., **Carbon**, C. C., & Westphal-Fitsch, G. (2017). *Experiencing (dis)order: simplicity and order might be appealing but interesting patterns are those that diverge from an obvious order*. Oral presentation at the 5th Visual Science of Art Conference (VSAC), Berlin/Germany (25.08.-27.08.2017).
- [269] **Carbon**, C. C. (2017). *True art experience: What we can learn from ecological contexts, settings, and material*. Oral presentation at the 5th Visual Science of Art Conference (VSAC), Berlin/Germany (25.08.-27.08.2017).
- [268] Schifferstein, H. N. J., **Carbon**, C. C., & Wehrle, T. (2017). *Consumer expectations for vegetables with atypical colors: the case of carrots*, Oral presentation, 12th Pangborn Sensory Science Symposium, Rhode Island Convention Center, Providence, Rhode Island, USA (20.8.-24.8.2017).
- [267] **Carbon**, C. C. (2017). *Ästhetisches Erleben und Atmosphäre - Erkenntnisse der Psychologie [Aesthetic experience and atmosphere: Insights from psychology]*. Invited talk at Conference on Rhythmen: Architektur, Atmosphäre, Wahrnehmung, Bamberg/Germany (20.04.-22.4.2017).

[266] Muth, C., & **Carbon**, C. C. (2017). *The pleasures of Semantic Instability (Selns) in art: if an artwork challenges our perceptual habits, insights are joyful and the promise of insights raises interest*, Oral presentation, 59th Conference of Experimental Psychologists (TeaP), Dresden, Germany (26.3.-29.3.2017).

[265] Stojilović, I., Ortlieb, S. A., Rutar, D., Fischer, U. C., & **Carbon**, C. C. (2017). *On kitsch and kič: Comparing kitsch concepts from Bavaria, Serbia and Slovenia*, Oral presentation, 23rd Conference on Empirical studies in Psychology (Empirijska istraživanja u psihologiji, EIP), Belgrade, Serbia (24.3.-26.3.2017).

[264] **Carbon**, C. C. (2017). *Die Psychologie hinter haptischem Erleben: Chancen, Herausforderungen, Lösungen [The psychology of haptic experience: Opportunities, challenges, solutions]*. Invited talk at the 17th armasuisse Textilsymposium, Bern/Switzerland (15.03.2017).

[263] Buntins, K., Buntins, M., Ortlieb, S., **Carbon**, C. C., & Carstensen, C. H. (2017). *Anwendung von Gestaltgesetzen für eine Optimierung des Layouts von Likert -Ratingskalen*. Talk at the 5. Tagung der Gesellschaft für Empirische Bildungsforschung (GEBF), Heidelberg/Germany (13.03.-15.03. 2017).

[262] Ortlieb, S. A., Fischer, U. C., & **Carbon**, C. C. (2017). *Venus und Herkules: Der Ursprung unserer Ideen vom Schönen und Erhabenen?* Oral presentation, MVE-Tagung (Menschliches Verhalten in Evolutionärer Perspektive, Ulm, Germany (6.3.-8.3.2017).

[261] **Carbon**, C. C., Fedorovskaya, E., & Lopez-Gonzalez, M. (2017). *Special Session: Art and Aesthetics, Part II: Producing Art from the Artists' and Scientists' Perspectives*. Invited Symposium at the 30th Conference on Human Vision and Electronic Imaging (HVEI) 2017. The International Conference on Perception and Cognition in Electronic Media, Burlingame/USA (29.01.-02.02.2017).

[260] **Carbon**, C. C., Fedorovskaya, E., & Lopez-Gonzalez, M. (2017). *Special Session: Art and Aesthetics, Part I: Measuring Artistic and Aesthetic Judgments*. Invited Symposium at the 30th Conference on Human Vision and Electronic Imaging (HVEI) 2017. The International Conference on Perception and Cognition in Electronic Media, Burlingame/USA (29.01.-02.02.2017).

[259] **Carbon**, C. C. (2017). *Measurement problems and measurement strategies for capturing the rich experience of art*. Invited Talk at the 30th Conference on Human Vision and Electronic Imaging (HVEI) 2017. The International Conference on Perception and Cognition in Electronic Media, Burlingame/USA (29.01.-02.02.2017).

2016

[258] Buntins, K., Buntins, M., **Carbon**, C. C., & Carstensen, C. H. (2016). *Assessing response styles in questionnaires by means of baseline control*, Poster presentation at the International Conference on Questionnaire Design, Development, Evaluation, and Testing (QDET2), Miami, USA (09.11.-13.11.2016).

[257] Buntins, K., Buntins, M., **Carbon**, C. C., & Carstensen, C. H. (2016). *The relevance of perceptual psychology for mixed-mode surveys: An experimental approach to biases in web-based*

course evaluations, Oral presentation at the International Conference on Questionnaire Design, Development, Evaluation, and Testing (QDET2), Miami, USA (9.11.-13.11.2016).

[256] Buntins, K., Buntins, M., **Carbon**, C. C., & Carstensen, C. H. (2016). *Gestaltprinzipien bei der Fragebogengestaltung: Eine experimentelle Untersuchung von Layoutfaktoren auf das Antwortverhalten* [Gestalt principles when layouting a questionnaire: An experimental investigation of factors of layout when constructing a questionnaire], Oral presentation at the 50th Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Leipzig, Germany (18.09.-22.09.2016).

[255] Gebauer, F., Raab, M. H., Brandenstein, N., & **Carbon**, C. C. (2016). *Red alert once again: How colors can reinforce political East vs. West thinking*, Poster presentation at the 50th Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Leipzig, Germany (18.09.-22.09.2016).

[254] Ortlieb, S., Schmittlutz, T., Raab, M. H., & **Carbon**, C. C. (2016). *Der Mensch im Mittelpunkt: Nutzerzentrierte Produktentwicklung und Multimodales Marketing* [Humans in the center: User-oriented product development and multimodal marketing], Oral presentation at the 18., Bayreuth, Germany (21.09.2016).

[253] Gebauer, F., & **Carbon**, C. C. (2016). *Folgen polarisierender Ost-gegen-West-Darstellungen während der Ukraine-Krise: Experimentelle Untersuchungen aktueller Medien*. Vortrag „Politische Ideologien im Wandel der Zeit“ - Interdisziplinäre Fachtagung der Sektion Politische Psychologie, Berlin, Deutschland (02.09.-03.09.2016).

[252] Raab, M. H., Mironova, A., & **Carbon**, C. C. (2016). *Yellow is more creative than you know: Exploring implicit color associations with the multidimensional IAT*. Poster presentation at the 39th European Conference on Visual Perception (ECVP), Barcelona/Spain (28.08.-01.09.2016).

[251] Röder, S., **Carbon**, C. C., Shackelford, T. K., Pisanski, K., Weege, B. & Fink, B. (2016). *Men's visual attention to and perceptions of women's dance movements*. Poster presentation at the 39th European Conference on Visual Perception (ECVP), Barcelona/Spain (28.08.-01.09.2016).

[250] Muth, C. & **Carbon**, C. C. (2016). *Interest is evoked by semantic instability and the promise of new insight*. Oral talk at the 39th European Conference on Visual Perception (ECVP), Barcelona/Spain (28.08.-01.09.2016).

[249] Schneider, T. M. & **Carbon**, C. C. (2016). *An episodic face space model for representing faces*. Oral talk at the 39th European Conference on Visual Perception (ECVP), Barcelona/Spain (28.08.-01.09.2016).

[248] Ortlieb, S. A., Rutar, D., Stojilovic, I., & **Carbon**, C. C. (2016). *Blue, white and pink—A cross-cultural comparison of kitsch and kic concepts from Bavaria, Serbia, and Slovenia*. Poster presentation at the 39th European Conference on Visual Perception (ECVP), Barcelona/Spain (28.08.-01.09.2016).

[247] Utz, S. & **Carbon**, C. C. (2016). *Influences on the perception of the morphing face illusion*. Poster presentation at the 39th European Conference on Visual Perception (ECVP), Barcelona/Spain (28.08.-01.09.2016).

- [246] Fischer, U. C. & **Carbon**, C. C., Rutar, D., Stojilovic, I., & Ortlieb, S. A. (2016). *The big picture on aesthetics changes depending on the level of analysis*. Poster presentation at the 39th European Conference on Visual Perception (ECVP), Barcelona/Spain (28.08.-01.09.2016).
- [245] Breitschaft, S. J. & **Carbon**, C. C. (2016). *Multisensory adaptation: How visual are haptics?* Poster presentation at the 39th European Conference on Visual Perception (ECVP), Barcelona/Spain (28.08.-01.09.2016).
- [244] **Carbon**, C. C. (2016). *The simplest visual illusion of all time? The folded paper-size illusion*. Poster presentation at the 39th European Conference on Visual Perception (ECVP), Barcelona/Spain (28.08.-01.09.2016).
- [243] Ortlieb, S. A., Gebauer, F. & **Carbon**, C. C. (2016). *Mors certa, kitsch incerta: How does mortality salience affect kitsch judgments?* Poster presentation at the 4th Visual Science of Art Conference (VSAC), Barcelona/Spain (26.08.-27.08.2016).
- [242] Albrecht, S., Muth, C. & **Carbon**, C. C. (2016). *On the role of perceptual challenge in aesthetic stimuli*. Poster presentation at the 4th Visual Science of Art Conference (VSAC), Barcelona/Spain (26.08.-27.08.2016).
- [241] Raab, M. H., Muth, C. & **Carbon**, C. C. (2016). *Capturing the intangible. M5oX. A multi-dimensional toolbox for measuring dynamics of aesthetic experience*. Poster presentation at the 4th Visual Science of Art Conference (VSAC), Barcelona/Spain (26.08.-27.08.2016).
- [240] Muth, C. & **Carbon**, C. C. (2016). *Semantic Instability in art. How artworks affect us by inducing, complicating, and contradicting the formation of stable meaning*. Poster presentation at the 4th Visual Science of Art Conference (VSAC), Barcelona/Spain (26.08.-27.08.2016).
- [239] **Carbon**, C. C. (2016). *The Aesthetics of Authenticity: About authenticity, originality and innovativeness*. Oral talk at the 4th Visual Science of Art Conference (VSAC), Barcelona/Spain (26.08.-27.08.2016).
- [238] **Carbon**, C. C. (2016). *On the aesthetic appeal of non-easy-on-the-mind artworks*. Invited talk at the 31st International Congress of Psychology (ICP), Yokohama/Japan (24.07.-29.07.2016).
- [237] **Carbon**, C. C., & Hesslinger, V. M. (2016). *How we can solidly solve a couple of so-called "mysteries" of the Mona Lisa by means of psychological methodology*. Invited address at the 31st International Congress of Psychology (ICP), Yokohama/Japan (24.07.-29.07.2016).
- [236] **Carbon**, C. C. (2016). *On the dynamics of aesthetics: fashion, design, art*. Keynote lecture at the Interdisciplinary Conference on Aesthetics, Fashion and Psychology, organized by the Centre for Aesthetics at the University of Leeds and the London College of Fashion, London/England (30.06.-01.07.2016).
- [235] Utz, S., & **Carbon**, C. C. (2016). *Do children with Autism Spectrum Disorder perceive emotional faces differently?* Poster presentation, 16th Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, FL/USA (13.5.-18.5.2016).

- [234] Schneider, T. M., & **Carbon**, C. C. (2016). *On the generation and retrieval of facial representations*, Oral presentation, 58th Conference of Experimental Psychologists (TeaP), Heidelberg, Germany (21.3.-23.3.2016).
- [233] Ortlieb, S., & **Carbon**, C. C. (2016). *Do they fear less? – Potentiale und Grenzen psychologischer Begleitforschung in technisch orientierten Verbundprojekten am Beispiel des AAL-Projekts FEARLESS*, Oral presentation, 58th Conference of Experimental Psychologists (TeaP), Heidelberg, Germany (21.3.-23.3.2016).
- [232] Ortlieb, S., & **Carbon**, C. C. (2016). *Kitsch oder Coping? Die biologischen Grundlagen der sozialen Motivation als Determinanten des ästhetischen Erlebens*, Oral presentation, Tagung Evolutionäre Ästhetik at the SRH Hochschule der populären Künste (hdpk), Berlin, Germany (16.3.-18.3.2016).
- [231] **Carbon**, C. C. (2016). *Haptisches Erleben aus psychologischer Perspektive - Impulse für die Schnittstelle Textil und Haut [Haptic experience from a psychological perspective]*. Invited talk at Congress of Textil-Innovativ, Fürth/Germany (01.03.2016).
- [230] **Carbon**, C. C. (2016). *Beyond the predominance of the visual empire: A functional model on haptics & more*. Invited Talk at the 29th Conference on Human Vision and Electronic Imaging (HVEI) 2016. The International Conference on Perception and Cognition in Electronic Media, San Francisco/USA (15.02.-18.02.2016).
- [229] **Carbon**, C. C. (2016). *La question du a-A : de l'esthétique tout-venant à l'esthétique éternelle [The a-A question: from every-day to eternal aesthetics]*. Invited Talk at the Rencontres Art & Sciences Neurosciences, Épistémologie et Nouveaux Paradigmes Symposium, Paris/France (05.02.-06.02.2016).
- [228] **Carbon**, C. C. (2016). *DC Ladestation am Olympiapark*. Talk at the 3. Jahrestagung 2016 Schaufenster Bayern-Sachsen Elektromobilität verbindet, München/Germany (04.02.-05.02.2016).

2015

- [227] Ortlieb, S., Streffing, G. & **Carbon**, C. C. (2015). *Furchtlos aber fruchtlos? – Potentiale und Grenzen psychologischer Begleitforschung in technisch orientierten Verbundprojekten am Beispiel des AAL-Projekts FEARLESS*. Oral presentation at the Tagung der Gesellschaft für Gemeindepsychologische Forschung und Praxis (GGFP), Bamberg/Germany (25.09.-26.09.2015).
- [226] Gebauer, F., Raab, M. H., Brandenstein, N., & **Carbon**, C. C. (2015). *Imagine all the forces: The impact of threatening news coverage on the willingness for first-step military action in the Ukraine Crisis*, Oral talk at the World Psychological Forum (WPF), Prague, Czech Republic (17.9.-20.9.2015). * Winner of the best poster award for Political Psychology
- [225] Raab, M. H., Kammerl, B., Gebauer, F., & **Carbon**, C. C. (2015). *Personal belief and conspiracy belief. Exploring the linkage between a person's value system and the tendency for conspiracy beliefs*, Oral talk at the World Psychological Forum (WPF), Prague, Czech Republic (17.9.-20.9.2015).

- [224] Gebauer, F., Raab, M. H., Brandenstein, N., & **Carbon**, C. C. (2015). *Bellicistic press coverage and the willingness to initiate first-step military actions in the resurgence of the East vs. West conflict*, Poster presentation at the 9th Conference of the Media Psychology Division of the Deutsche Gesellschaft für Psychologie (DGPs), Tübingen, Germany (9.9.-11.9.2015).
- [223] Gebauer, F., Raab, M. H., Brandenstein, N., & **Carbon**, C. C. (2015). *Bellicistic press coverage and existential threats increase the willingness to initiate first-step military actions towards the Russian border*, Oral talk at the 15. Tagung der Fachgruppe Sozialpsychologie der Deutschen Gesellschaft für Psychologie, Potsdam, Germany (6.9.-9.9.2015).
- [222] Albrecht, S. & **Carbon**, C. C. (2015). *The Fluency Amplification Model (FAM)*. Oral presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [221] Muth, C., Hesslinger, V. M. & **Carbon**, C. C. (2015). *Unsolvable, yet insightful: The appeal of indeterminate and ambiguous artworks*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [220] Reiter, T., C., Ortlieb, S. & **Carbon**, C. C. (2015). *Kitsch: Is it better than its reputation? Comparing explicit and implicit aesthetic processing*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [219] Albrecht, S. & **Carbon**, C. C. (2015). *Startling fluency? Testing effects of processing fluency on affect-modulated startle*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [218] Schneider, T. & **Carbon**, C. C. (2015). *On the genesis and processing of facial representations and prototypes*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [217] Raab, M. H., Ortlieb, S. A., Gebauer, F., Ettner, J. & **Carbon**, C. C. (2015). *Vita brevis, kitsch longus—When death was salient, kitsch appears less kitschy*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [216] Hörnig, F., Möller, M. & **Carbon**, C. C. (2015). *The colorful stranger in the mirror – the strange-face-in-the-mirror illusion revisited*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [215] Deibel, S., Gebauer, F. & **Carbon**, C. C. (2015). *Investigating visual stimuli processing under mortality salience on a microgenetic level*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [214] Röder, S. & **Carbon**, C. C. (2015). *Average faces: Skin texture more than facial symmetry predicts attractiveness perceptions of female faces*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [213] Gebauer, F. & **Carbon**, C. C. (2015). *Perceiving the Ukraine Crisis is a matter of visual depiction*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).

- [212] Ortlieb, S. A., Fischer, U. C., & **Carbon**, C. C. (2015). *Burke's fallacy: Is there a male gaze in empirical aesthetics?* Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [211] **Carbon**, C. C., & Hesslinger, V. M. (2015). *Testing several hypotheses for dissociate colour perception on #TheDress*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [210] Utz, S., & **Carbon**, C. C. (2015). *Impaired configural processing for other-race faces revealed by a Thatcher illusion paradigm*. Poster presentation at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [209] **Carbon**, C. C. (2015). *The concept of fluency: Current streams, active models, new challenges, general limitations*. Oral talk at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [208] Ortlieb, S., Stojilovic, I., Ettner, J. A., **Carbon**, C. C., & Ortlieb, S. A. (2015). *On kitsch and kič: A cross-cultural comparison of kitsch-concepts based on the Bamberg Repository of Contemporary Kitsch (BaRoCK)*. Poster presentation at the 3rd Visual Science of Art Conference (VSAC), Liverpool/England (22.08.-23.08.2015).
- [207] Ortlieb, S., Gebauer, F., Ettner, J., & **Carbon**, C. C. (2015). *Let's talk about kitsch: Presenting a functional model which links aesthetic appreciation to the dynamics of social motivation and self-determination*. Oral talk at the 3rd Visual Science of Art Conference (VSAC), Liverpool/England (22.08.-23.08.2015).
- [206] **Carbon**, C. C. (2015). *The aesthetic appeal of non-easy-on-the-mind artworks: Aesthetic effects of ambiguity, indeterminacy, uncertainty*. Oral talk at the 3rd Visual Science of Art Conference (VSAC), Liverpool/England (22.08.-23.08.2015).
- [205] Raab, M. H., Muth, C., & **Carbon**, C. C. (2015). *The aesthetic value of multi-modal semantic gaps*. Poster presentation at the 3rd Visual Science of Art Conference (VSAC), Liverpool/England (22.08.-23.08.2015).
- [204] Utz, S., & **Carbon**, C. C. (2015). *Is the Flashed Face Distortion Effect expertise-based? A systematic experimental investigation*, Poster presentation, 15th Annual Meeting of the Vision Sciences Society (VSS), St. Pete Beach, FL/USA (15.5.-20.5.2015).
- [203] Raab, M. H., Kammerl, B., & **Carbon**, C. C. (2015). *Conspiracy belief and personal beliefs. Exploring the linkage between a person's value system and the tendency for conspiracy beliefs*, Oral presentation, Conference on Conspiracy Theories, Miami, FL/USA (12.3.-15.3.2015).
- [202] Schneider, T. M., & **Carbon**, C. C. (2015). *Cross-gender differences in comprising the size of the female breast in weight estimations of female bodies*, Oral presentation, 57th Conference of Experimental Psychologists (TeaP), Hildesheim, Germany (8.3.-11.3.2015).

2014

- [201] Kovač, A., & **Carbon**, C. C. (2014). *Affective self-reflection versus imagining the feelings of others*, Poster presentation, Symposium on "Do I like what I prefer?", organized by the

Graduate School of Decision Sciences, University of Konstanz, Konstanz/Germany
(18.12.2015).

[200] Raab, M., Muth, C., & **Carbon**, C. C. (2014). *Pleasure by Irritation: lessons from artworks and illusions on the active creation of meaning*, Oral presentation, 2nd Visual Science of Art Conference (VSAC), Belgrade/Serbia (23.08.-24.08.2014).

[199] **Carbon**, C. C. (2014). *On the dynamics of aesthetic experience*, Oral presentation, 2nd Visual Science of Art Conference (VSAC), Belgrade/Serbia (23.08.-24.08.2014).

[198] Utz, S., & **Carbon**, C. C. (2014). *Mondrian revisited: On empirical findings of liking, harmony and balance of Mondrian paintings*, Oral presentation, 2nd Visual Science of Art Conference (VSAC), Belgrade/Serbia (23.08.-24.08.2014).

[197] Raab, M., Muth, C., & **Carbon**, C. C. (2014). *Expecting the unexpected: Art gallery visitors judge ambiguous artistic film material less indeterminate and more pleasurable*, Poster presentation, 2nd Visual Science of Art Conference (VSAC), Belgrade/Serbia (23.08.-24.08.2014).

[196] Ortlieb, S., Schultz, M., Fischer, U. C., & **Carbon**, C. C. (2014). *Of earthly delights and delightful horror – Does threatening content make artworks by Hieronymus Bosch more sublime?*, Oral presentation, 2nd Visual Science of Art Conference (VSAC), Belgrade/Serbia (23.08.-24.08.2014).

[195] Muth, C., Raab, M., & **Carbon**, C. C. (2014). *The dynamics of 'Aesthetic Aha': Insightful moments during the elaboration of artistic movies increase appreciation*, Oral presentation, 2nd Visual Science of Art Conference (VSAC), Belgrade/Serbia (23.08.-24.08.2014).

[194] **Carbon**, C. C. (2014). *On the dynamics of aesthetic experience*, Symposium organization, 2nd Visual Science of Art Conference (VSAC), Belgrade/Serbia (23.08.-24.08.2014).

[193] Utz, S. & **Carbon**, C. C. (2014). *Face familiarity as a modulating but not a necessary factor for specific Thatcherization effects?* Poster presentation, 37th European Conference on Visual Perception (ECVP), Belgrade/Serbia (24.08.-28.08.2014).

[192] Roeloffs, H., Tredoux, C., Harsányi, G., & **Carbon**, C. C. (2014). *Cross-cultural categorization of black and white faces* Poster presentation, 37th European Conference on Visual Perception (ECVP), Belgrade/Serbia (24.08.-28.08.2014).

[191] Schneider, T. M., & **Carbon**, C. C. (2014). *Why is this specific image of Madonna the most prototypical one? Predicting prototypicality on basis of inspection frequency and familiarity*, Poster presentation, 37th European Conference on Visual Perception (ECVP), Belgrade/Serbia (24.08.-28.08.2014).

[190] Hesslinger, V., & **Carbon**, C. C. (2014). *Red card for red: Questioning the positive effect of the colour red on male attractiveness*, Poster presentation, 37th European Conference on Visual Perception (ECVP), Belgrade/Serbia (24.08.-28.08.2014).

[189] Raab, M., Muth, C., & **Carbon**, C. C. (2014). *What can the pupil size tell us about aesthetics? Towards a multidimensional model of complex continuous experience*, Poster

presentation, 37th European Conference on Visual Perception (ECVP), Belgrade/Serbia (24.08.-28.08.2014).

[188] Muth, C., Raab, M., & **Carbon**, C. C. (2014). *Stream along the aesthetic mind. The dynamics of elaborating artistic movies*, Oral presentation, 37th European Conference on Visual Perception (ECVP), Belgrade/Serbia (24.08.-28.08.2014).

[188] **Carbon**, C. C. & Hesslinger (2014). *Analyzing artworks by means of vision sciences: the case of two Mona Lisas generating a stereogram*, Oral presentation, 37th European Conference on Visual Perception (ECVP), Belgrade/Serbia (24.08.-28.08.2014).

[186] Ortlieb, S., & **Carbon**, C. C. (2014). *In the mood for kitsch? Towards a functional model linking aesthetic appreciation to the dynamics of social motivation and self-determinacy*, Oral presentation, 37th European Conference on Visual Perception (ECVP), Belgrade/Serbia (24.08.-28.08.2014).

[185] **Carbon**, C. C. (2014, withdrawn). *Haptic aesthetic processing and its implications for design*. Oral Talk, *International Conference on Human behavior in Design*, Ascona/Switzerland (14.10.-17.10.2014).

[184] Hauth, D., Wiltch, F., Wanninger, K., **Carbon**, C. C., Schütz, A., & Güss, C. D. (2014). *Patience across cultures*. Oral Presentation, *22nd International Congress of the International Association for Cross-Cultural Psychology (IACCP)*, Reims/France (15.07.-19.07.2014).

[183] Utz, S. & **Carbon**, C. C. (2014). *Do task demands influence the perception of symmetry?* Poster Presentation, *14th Annual Meeting of the Vision Sciences Society (VSS)*, St. Pete Beach, FL/USA (16.5.-21.5.2014).

[182] Cottini, M., Basso, D., & **Carbon**, C. C. (2014). *Estimation of distances and language preference in south Tyrolean inhabitants*. Oral Presentation, *Cognitive Science Arena for Beginners*, Bolzano/Italy (28.02.-01.03.2014).

[181] Ortlieb, S., Streffing, G., & **Carbon**, C. C. (2014). *Entwicklung eines automatischen Hausnotrufsystems im Dialog mit den zukünftigen Nutzerinnen und Nutzern*. Oral Presentation, 7. Deutscher AAL-Kongress, Berlin/Germany (21.01.-22.01.2014).

2013

[180] Mantzke, O., Vilimek, R., & **Carbon**, C. C. (2013). *Weiterentwicklung einer Methode zur Messung von kognitiver Beanspruchung durch Anzeige- und Bedienkonzepte im Fahrzeug* [Methodical advancement for measuring cognitive load when using automobile display and control concepts]. Oral Presentation, 10. Berliner Werkstatt Mensch-Maschine-Systeme am ZMMS (Zentrum Mensch-Maschine-Systeme), Berlin/Germany (10.10.-12.10.2013).

[179] Ortlieb, S., Streffing, G., & **Carbon**, C. C. (2013). *Secondary User Requirements for an Ambient Event Detector: A Multi-cultural Expert Survey within the AAL-JP-Project fearless*. Oral Presentation, AAL (Assisted Ambient Living) Forum 2013, Norrköping/Sweden (24.09.-26.09.2013).

- [178] Russo, D., Cottini, M. & **Carbon**, C. C. (2013). *Estimation of distances and linguistic preference in South Tyrolean inhabitants*. Oral Presentation, 18th Meeting of the European Society for Cognitive Psychology (ESCP), Budapest/Hungary (29.08.-01.09.2013).
- [177] Ortlieb, S., Streffing, G., & **Carbon**, C. C. (2013). *There is nothing more practical than a good theory: Designing an ambient event detector for solitarily living elderly based on a Technological Impact Assessment Model (TIAMo)*. Oral Presentation, 12th European AAATE (Association for the Advancement of Assistive Technology) Conference, Vilamoura/Portugal (19.09.-22.09.2013).
- [176] Ortlieb, S., Streffing, G., & **Carbon**, C. C. (2013). *Eines für alle Fälle: Entwicklung eines computergestützten Hausnotrufsystems im nutzerorientierten Dialog [Development of an alarm system by a user-centered dialogue]*. Oral talk at the Mensch und Computer Usability Professionals, Bremen/Germany (08.09.-11.09.2013).
- [175] **Carbon**, C. C. (2013). *Haptische User Experience [Haptic User Experience]*. Oral talk at the workshop on temporal aspects of User Experience at the Mensch und Computer Usability Professionals, Bremen/Germany (08.09.2013).
- [174] Harsányi, G., Gebauer, F., Kraemer, P., & **Carbon**, C. C. (2013). *Design Evaluation: Zeitliche Dynamik ästhetischer Wertschätzung [Design evaluation: Temporal dynamics of aesthetic appreciation]*. Oral talk at the workshop on temporal aspects of User Experience at the Mensch und Computer Usability Professionals, Bremen/Germany (08.09.2013).
- [173] Raab, M., Muth, C., & **Carbon**, C. C. (2013). *Design erleben: Zum Einsatz von Feedbacksystemen beim Erleben von Design [To experience design: On the usage of feedback systems for user experience research]*. Oral talk at the workshop on temporal aspects of User Experience at the Mensch und Computer Usability Professionals, Bremen/Germany (08.09.2013).
- [172] Thüring, M., **Carbon**, C. C. (2013). *Temporale Aspekte des Nutzererlebens [Temporal aspects of User Experience]*. Workshop at the Mensch und Computer Usability Professionals, Bremen/Germany (08.09.2013).
- [171] Hesslinger, V. M., & **Carbon**, C. C. (2013). *Who is the best Gioconda of them all? On the relativity of artistic quality caused by prior visual elaboration*, Poster Presentation, 36th European Conference on Visual Perception (ECVP), Bremen/Germany (25.08.-29.08.2013).
- [170] Muth, C., Pepperell, R., & **Carbon**, C. C. (2013). *In search of Gestalt. Detectability of objects within cubist artworks enhances appreciation*, Oral Presentation, 36th European Conference on Visual Perception (ECVP), Bremen/Germany (25.08.-29.08.2013).
- [169] Möller, M. K., & **Carbon**, C. C. (2013). *„He’s got his father’s nose! “ – Factors involved in kinship – perception*, Poster Presentation, 36th European Conference on Visual Perception (ECVP), Bremen/Germany (25.08.-29.08.2013).
- [168] Utz, S., & **Carbon**, C. C. (2013). *Do first impressions count? – Influences on the perception of ambiguous pictures*. Poster Presentation, 36th European Conference on Visual Perception (ECVP), Bremen/Germany (25.08.-29.08.2013).

- [167] **Carbon, C. C., & Jakesch, M. (2013).** *Empirical aesthetics from a haptic perspective: A functional model for haptic aesthetic processing.* Poster Presentation, 36th European Conference on Visual Perception (ECVP), Bremen/Germany (25.08.-29.08.2013).
- [166] **Utz, S. & Carbon, C. C. (2013).** *Are dimensional reaction time costs in visual search dependent on the direction of change?* Oral Presentation, 13th Annual Meeting of the Vision Sciences Society (VSS), Naples, FL/USA (10.5.-15.5.2013).
- [165] **Luedtke, R. A., Hesslinger, V. M., & Carbon, C. C. (2013).** *Attractiveness, beauty, prettiness and sexual attraction as different facets of facial attractiveness,* 55.Tagung experimentell arbeitender Psychologen (TEAP), Vienna/Austria (24.03.2013-27.03.2013).
- [164] **Schneider, T. M., Hecht, H., & Carbon, C. C. (2013).** *Facial cues to body weight and height: A cross-cultural study from Germany and Japan,* 55.Tagung experimentell arbeitender Psychologen (TEAP), Vienna/Austria (24.03.2013-27.03.2013).
- [163] **Haertel, M., & Carbon, C. C. (2013).** *"Is this art or is it crap?"- Context-based categorization of ambiguous objects,* 55.Tagung experimentell arbeitender Psychologen (TEAP), Vienna/Austria (24.03.2013-27.03.2013).
- [162] **Ditye, T., & Carbon, C. C. (2013).** *The role of sleep in long-term face adaptation,* 55.Tagung experimentell arbeitender Psychologen (TEAP), Vienna/Austria (24.03.2013-27.03.2013).
- [161] **Faerber, S. J., Carbon, C. C., & Perrett, D. (2013).** *Are freckles still a blemish? On the impact of ecological adaptation and beauty ideal on facial attractiveness,* 55.Tagung experimentell arbeitender Psychologen (TEAP), Vienna/Austria (24.03.2013-27.03.2013).
- [160] **Muth, C., & Carbon, C. C. (2013).** *Ambiguity in art: about the various ways to irritation and their link to appreciation and ambiguity-tolerance,* 55.Tagung experimentell arbeitender Psychologen (TEAP), Vienna/Austria (24.03.2013-27.03.2013).
- [159] **Harsanyi, H., Raab, M., Hesslinger, V. M., Düclos, D., Zink, J., & Carbon, C. C. (2013).** *Osama bin Laden is still alive – An implicit profile of disfavor against faces with stereotypical Muslim attributes,* 55.Tagung experimentell arbeitender Psychologen (TEAP), Vienna/Austria (24.03.2013-27.03.2013).

2012

- [158] **Ortlieb, S., Gebauer, F., Reiter, T., Raab, M., Deininger, P., & Carbon, C. C. (2012).** *In the Mood for Kitsch? Towards a psychological model linking appreciation of kitsch to the dynamics of social motivation.* Oral presentation. Aesthetics of popular culture at the Academy of Fine Arts and Design Bratislava/Slovakia (29.11.-01.12.2012).
- [157] **Markiewicz, D., Harsányi, G., Kuhlman, M. & Carbon, C. C. (2012).** *Individual differences in the relations between Preference for Control with Submissive and Dominant Authoritarianism.* Poster presentation. New Developments in Signaling and Game Theory, Zurich/Switzerland (14.10.-19.10.2012).

- [156] Ortlieb, S., Streffing, G., & **Carbon**, C. C. (2012). *Current Outcomes of the FEARLESS-Project: User Requirements for an Ambient Event Detector*. Oral presentation. The AAL Forum 2012, Eindhoven/The Netherlands (24.09.-27.09.2012).
- [155] Siebers, M., Folger, J., Raab, M., Faerber, S. J., **Carbon**, C. C., & Schmid, U. (2012). *Modelling Adaptation Effects as Similarity to Dynamic Prototypes*. Oral presentation. 11th Biannual Meeting of the German Cognitive Science Society (KogWis), Bamberg/Germany (30.09.-03.10.2012).
- [154] Jakesch, M., Ortlieb, S., Raab, M., & **Carbon**, C. C. (2012). *Size Matters! How Value Organizes Our Perception of Art*. Poster presentation. 11th Biannual Meeting of the German Cognitive Science Society (KogWis), Bamberg/Germany (30.09.-03.10.2012).
- [153] Raab, M., Shengelia, N., & **Carbon**, C. C. (2012). *Back to the Roots: Measuring Motoric Correlates of Ur-Emotions*. Poster presentation. 11th Biannual Meeting of the German Cognitive Science Society (KogWis), Bamberg/Germany (30.09.-03.10.2012).
- [152] Imhof, M., & **Carbon**, C. C. (2012). *Aesthetic appreciation is not stable*. Poster presentation. 11th Biannual Meeting of the German Cognitive Science Society (KogWis), Bamberg/Germany (30.09.-03.10.2012).
- [151] **Carbon**, C. C. (2012). *Aftereffects*. Symposium (Chair), 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [150] Fischer, U. C., **Carbon**, C. C., Wagemans, J., & Augustin, M. D. (2012). *Is there a common trait of aesthetic assessment or does it depends on the assessed content?* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [149] Wirth, B. E., & **Carbon**, C. C. (2012). *Matching unfamiliar faces under ecological conditions: Factors of stimulus similarity and feature exchange*. Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [148] López Hernan Perez, T., & **Carbon**, C. C., & Hesslinger, V. (2012). *High-level color adaptation for familiar objects*. Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [147] Groh, M. K., & **Carbon**, C. C. (2012). *How heavy is red? Towards a psychophysical framework of color weights*. Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [146] Kraemer, P., & **Carbon**, C. C. (2012). *How Expectation changes the appreciation of arts*. Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [145] Utz, S., & **Carbon**, C. C. (2012). *Does top-down information influence the afterimage illusion?* Oral presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).

- [144] **Carbon, C. C.**, & Diener Rico, F. (2012). *Forty years later: Are objects still mentally rotated as in 1971?* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [143] Albrecht, S., & **Carbon, C. C.** (2012). *Perceptual Fluency does not necessarily increase aesthetic appreciation: Evidence against the Hedonic Fluency Model.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [142] Reiter, T. K., & **Carbon, C. C.** (2012). *The spot that decides on the Gestalt: Gestalt psychology in the context of blindspot perception.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [141] Harsanyi, G., Raab, M., Hesslinger, V., Düclos, D., Zink, J., & **Carbon, C. C.** (2012). *The face of terrorism: Stereotypical Muslim facial attributes evoke implicit perception of threat.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [140] Raab, M., Shengelia, N., & **Carbon, C. C.** (2012). *Towards an emotional footprint: Non-verbal analysis of emotionally processed visual stimuli via posturography.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [139] Haertel, M., & **Carbon, C. C.** (2012). *What is the main ingredient for transforming an ordinary object to a piece of art? Aesthetic Evaluations on objects of judgments ambiguous art quality.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [138] Muth, C., & **Carbon, C. C.** (2012). *There's more than one way to irritation! An attempt to categorize ambiguity in art.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [137] Boehringer, J., **Carbon, C. C.**, & Faerber, S. J. (2012). *The specificity of art revealed by an empirical study on multi-cultural aesthetic material.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [136] Schneider, T. M., **Carbon, C. C.**, & Hecht, H. (2012). *Estimating weight and height based on mental norms: A cross-cultural study from Germany and Japan.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [135] Luedtke, R. A., Hesslinger, V. M., & **Carbon, C. C.** (2012). *Different facets of facial attractiveness: Specification of the relationship between attractiveness, beauty, prettiness and sexual attraction.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [134] Hesslinger, V. M., & Görlitz, R., & **Carbon, C. C.** (2012). *What 80 Lisas can reveal about Leonardo's Mona Lisa: One step further in demystifying La Gioconda's absorbing smile.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).
- [133] Faerber, S. J., & **Carbon, C. C.** (2012). *Adaptation transfer effects are moderated by the similarity to the adaptors.* Poster presentation. 35th European Conference on Visual Perception (ECVP), Alghero/Italy (02.09.-06.09.2012).

- [132] Muth, C., & **Carbon**, C. C. (2012). *Ambiguity in art: Theories, definitions and empirical data*. Oral presentation. 1st Visual Science of Art Conference (VSAC), Alghero/Italy (01.09.-02.09.2012).
- [131] Faerber, S. J., & **Carbon**, C. C. (2012). *The sensitivity of aesthetic perception*. Poster presentation. 1st Visual Science of Art Conference (VSAC), Alghero/Italy (01.09.-02.09.2012).
- [130] **Carbon**, C. C. (2012). *Measuring aesthetic impressions in an implicit way*. Oral presentation. 1st Visual Science of Art Conference (VSAC), Alghero/Italy (01.09.-02.09.2012).
- [129] Markiewicz, D., Harsányi, G., Kuhlman, M., & **Carbon**, C. C. (2012). *Relations between Preference for Control with Submissive and Dominant Authoritarianism*. Oral presentation. 4th Biannual Symposium on Personality and Social Psychology (BSPSP), Kazimierz Dolny/Poland (13.08.-16.08.2012).
- [128] **Carbon**, C. C. (2012). *On the evolution of taste. Why and how taste emerges, changes, adapts*. Oral presentation. 30th International Congress of Psychology (ICP), Cape Town/South Africa (22.07.-27.07.2012).
- [127] **Carbon**, C. C. (2012). *Why cognitive deficits like congenital prosopagnosia are often overlooked and what we can do against this neglect*. Oral presentation. 30th International Congress of Psychology (ICP), Cape Town/South Africa (22.07.-27.07.2012).
- [126] Vecchi, T., Cattaneo, Z., Monegato, M., Pece, A., & **Carbon**, C. C. (2012). *Amblyopia affects configural but not featural and holistic processing of faces*. Oral presentation. The European Workshop on Imagery and Cognition (EWIC), Bochum/Germany (20.06.-22.06.2012).
- [125] Schmid, U., Grossmann, P., Wachter, M., Raab, M., Faerber, S. J., & **Carbon**, C. C. (2012). *A cognitive model for predicting aesthetical judgements as similarity to dynamic prototypes*. Oral presentation. 11th International Conference on Cognitive Modeling, Berlin/Germany (13.04.-15.04.2012).
- [124] Schneider, T., Hecht, H., & **Carbon**, C. C. (2012). *Judging body-weight from faces: the height-weight illusion*. Poster presentation, 54. Tagung experimentell arbeitender Psychologen (TEAP), Mannheim/Germany (01.04.2012-04.04.2012).
- [123] **Carbon**, C. C. (2012). *On the dynamics of aesthetic appreciation*. Keynote speech, Human Vision and Electronic Imaging XVII, San Francisco, CA/USA (23.01.-26.01.2012).

2011

- [122] **Carbon**, C. C. (2011). *The adaptivity of aesthetic dimensions in the domains of art and design*. Poster Presentation, 52nd Annual meeting of the Psychonomic Society, Seattle, WA/USA (03.11.-06.11.2011).
- [121] **Carbon**, C. C., & Jakesch, M. (2011). *Haptic exploration and aesthetic appreciation*. Oral Presentation, Meeting of the Tactile Research Group, Seattle, WA/USA (03.11.2011).
- [120] Schmid, U., Grossmann, P., Wachter, M., Raab, M., Faerber, S. J., & **Carbon**, C. C. (2011). *How visible are different variations of spatial features and relations in logos and how does*

visibility affect prototype generation? Oral presentation. 34th Annual German Conference on Artificial Intelligence, Berlin/Germany (4.10.-7.10.2011).

[119] Augustin, M. D., **Carbon**, C. C., & Wagemans, J. (2011). *Measuring aesthetic impressions of visual art*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[118] Schneider, T., Hecht, H., & **Carbon**, C. C. (2011). *Losing weight without dieting: viewpoint-dependent weight assessment on basis of faces*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[117] Rockelmann, L., Zimmermann, R., Raab, M., & **Carbon**, C. C. (2011). *How you look at art: Analyzing beholder's movement pattern by radio-based identification*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[116] Faerber, S. J., & **Carbon**, C. C. (2011). *Impact of priming and elaboration on the dynamics of aesthetic appreciation*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[115] Gattol, V., **Carbon**, C. C., & Schoormans, J. P. L. (2011). *Depicting crosshairs can indeed promote violence*. Oral presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[114] Raab, M., Imhof, M. & **Carbon**, C. C. (2011). *Eyes for an agent: simulation of dynamically evolving preferences for visual stimuli by a neural network and a multiple-trace memory model*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[113] Harsanyi, G., & **Carbon**, C. C. (2011). *Adaptive categorization of own- and other-group faces*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[112] Hesslinger, V., & **Carbon**, C. C. (2011). *Dynamics in aesthetic appreciation: Differential effects for average and non-average natural stimuli*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[111] Muth, C., & **Carbon**, C. C. (2011). *The relation between elaboration and liking in perceiving ambiguous aesthetic stimuli*. Oral presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[110] Haertel, M., & **Carbon**, C. C. (2011). *Cognitive and emotional associations evoked by the imagination of pieces of favorite music and visual art*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[109] Jakesch, M., & **Carbon**, C. C. (2011). *Humans prefer curved objects also on basis of haptic evaluation*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[108] Jander, A., & **Carbon**, C. C. (2011). *On the microgenesis of facial attractiveness*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

[107] **Carbon**, C. C., & Hergovich, A. (2011). *Using computer-animated magic tricks as a promising experimental paradigm for investigating perceptual processes*. Poster presentation. 34th European Conference on Visual Perception (ECVP), Toulouse/France (28.08.-01.09.2011).

2010

[106] Blijlevens, J., **Carbon**, C. C., Mugge, R., & Schoormans, J. P. L. (2010). *Aesthetic appraisal of product designs: Independent effects of processing fluency and arousal*. Oral presentation. Annual Meeting of the Association for Consumer Research (EACR), Royal Holloway University of London, Surrey, UK (30.6.-3.7.2010).

[105] **Carbon**, C. C., Gruber, P., & Gruber, S. (2010). *On the search for the Super-Jesus. Which features does a depiction in art history need to be identified as Jesus?* Oral presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[104] Wirth, B. E., & **Carbon**, C. C. (2010). *How do prototypes of visual objects develop and establish? Exemplars perceived early in life might have an essential influence*. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[103] Raab, M., & **Carbon**, C. C. (2010). *Objective measures for complexity and curvature in visual objects and scenes*. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[102] Neuhauser, K., & **Carbon**, C. C. (2010). *That's typical! Isn't it? About the microgenesis of art perception as a function of expertise*. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[101] Lüdtke, R., Grüter, T., Derntl, B., Grüter, M., & **Carbon**, C. C. (2010). *Reduction of facial emotion processing in congenital prosopagnosia*. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[100] Löffler, S., & **Carbon**, C. C. (2010). *Processing of style in artworks: A highly complex matter*. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[99] Kaltenbach, R. N., & **Carbon**, C. C. (2010). *Compatibility of context sizes in face perception – a different perspective on holistic effects*. Oral presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[98] Jakesch, M., & **Carbon**, C. C. (2010). *Touched by the moment? Factors modulating haptic and visually – based mere exposure effects*. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[97] Imhof, M., Straif, M., Stein, C. W., & **Carbon**, C. C. (2010). *Implicit classification reveals priority of processing physical properties in novices but processing of higher cognitive properties in*

experts. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[96] Hesslinger, V., & **Carbon**, C. C. (2010). *Cues of being watched enhance pro-social attitudes*. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[95] Harsanyi, G., & **Carbon**, C. C. (2010). *Matching style and content in art perception*. Oral presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[94] Faerber, S. J., & **Carbon**, C. C. (2010). *On the role of visual adaptations on aesthetic appreciation via changes of the object space*. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[93] Augustin, M. D., Wagemans, J., & **Carbon**, C. C. (2010). *Visual aesthetics: Relevant measures and their dependence on object class*. Oral presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[92] Albrecht, S., & **Carbon**, C. C. (2010). *Bartlett's theory of visual reproduction revisited: Ambiguous face-like stimuli do not necessarily transform to prototypical face schemata*. Poster presentation. 33th European Conference on Visual Perception (ECVP), Lausanne/Switzerland (22.8.-26.8.2010).

[91] Imhof, M., Straif, M., Stein, C. W., & **Carbon**, C. C. (2010). *Implicit classification reveals priority of processing physical properties in novices but processing of higher cognitive properties in experts*. Oral presentation, KogWis 2010: German Society for Cognitive Science, Potsdam/Germany (3.10.-6.10.2010).

[90] Pohlandt, A., & **Carbon**, C. C. (2010). *Psychologische Aspekte beim Bewerten gestalteter Gebrauchsgegenstände*. Oral presentation, 4. Symposium Technisches Design Dresden, Dresden/Germany (24.9.-25.9.2010).

[89] Bohrn, I., **Carbon**, C. C., & Hutzler, F. (2010). *Mona Lisas Lächeln - nur eine visuelle Illusion?* Oral presentation, 9. Tagung der Österreichischen Gesellschaft für Psychologie (ÖGP), Salzburg/Austria (8.4.-10.4.2010).

[88] Strassnig, B., Leidenfrost, B., Schütz, M., Schabmann, A., & **Carbon**, C. C. (2010). *Cascaded Blended Mentoring - Erfahrungen und Auswirkung auf den Studienverlauf*. Poster presentation, 9. Tagung der Österreichischen Gesellschaft für Psychologie (ÖGP), Salzburg/Austria (8.4.-10.4.2010).

[87] Leidenfrost, B., Strassnig, B., **Carbon**, C. C., & Schabmann, A. (2010). *Mentoring styles, mentor's self-assessment of given mentoring and mentee's success of participation in a peer mentoring program in higher education*. Oral presentation, 27th International Congress of Applied Psychology (ICAP), Melbourne/Australia (11.07.-16.07.2010).

[86] Strassnig, B., Leidenfrost, B., Schütz, M., **Carbon**, C. C., & Schabmann, A. (2010). *Influence of occupation and low income on study success of Austrian first year students*. Oral presentation, 27th International Congress of Applied Psychology (ICAP), Melbourne/Australia (11.07.-16.07.2010).

[85] Strassnig, B., Leidenfrost, B., Schütz, M., Schabmann, A., & **Carbon, C. C.** (2010). *Cascaded Blended Mentoring – From voluntary to compulsory: Evaluation results and challenges for a mentoring program for first-year students*. Oral presentation, 5th biennial Psychology Learning and Teaching Conference (PLAT), Edinburgh/Scotland (30.06.-02.07.2010).

[84] Leidenfrost, B., Strassnig, B., Schütz, M., Schabmann, A., & **Carbon, C. C.** (2010). *Teaching (by) mentoring: Cascaded Blended Mentoring: Support for first year students*. Oral presentation, 4th International Conference on Psychology Education (ICOPE), Sydney/Australia (08.07.-11.07.2010).

[83] **Carbon, C. C.** (2010). *Kongenitale Prosopagnosie: Ein Zwischenstand zum Stand der Forschung*. Poster presentation, 52.Tagung experimentell arbeitender Psychologen, Saarbrücken/Germany (22.03.-24.03.2010).

[82] Sporer, S. L., Krix, A. C., Koch, C., Riegler, V., Eher, A., & **Carbon, C. C.** (2010). *Have We Learnt Anything since Lipmann (1935): Reliability and Validity of Eyewitness Descriptions*. Oral presentation. Annual Conference of the American Psychology-Law Society, Vancouver/Canada (18.03.-20.03.2010).

2009

[81] **Carbon, C. C.** (2009). *The earth - a global village? Problems in globalization revealed by mental walls derived by cognitive distances*. Oral presentation. The Global Communication Association (GCA), Bangalore/India (26.11.-27.11.2009).

[80] Blijlevens, J., **Carbon, C. C.**, Mugge, R., & Schoormans, J. P.L. (2009). *Independent Effects of Arousal and Processing Fluency on Aesthetic Appraisal of New-to-the Market Product Designs*. Oral presentation. Human Factors Event, Delft/The Netherlands (13.10.-14.10.2009).

[79] **Carbon, C. C.**, & Jagsch, R. (2009). *Abnormal facial outward appearances and their impact on facial attractiveness and attribution of personality*. Poster presentation. 32th European Conference on Visual Perception (ECVP), Regensburg/Germany (24.8.-28.8.2009).

[78] Faerber, S. J., Leder, H., & **Carbon, C. C.** (2009). *Visual experiences form the appreciation space of object categories*. Oral presentation presented at the 16th European Society for Cognitive Psychology Conference, Krakow/Poland (2.9.-5.9.2009).

[77] Augustin, M. D., **Carbon, C. C.**, & Wagemans, J. (2009). *Aesthetic emotions and judgments: A critical reflection*. Oral presentation, International Society for Research on Emotion (ISRE), Leuven/Belgium (6.8.-8.8.2009).

[76] Strassnig, B., Leidenfrost, B., **Carbon, C. C.**, & Schabmann, A. (2009). *Got a mentor? Small group support and study skills acquirement for first-year students*. Oral presentation, 11th European Congress of Psychology (ECP), Oslo/Norway (7.7.-10.7.2009).

[75] Jagsch, R., & **Carbon, C. C.** (2009). *Abnormal facial appearances and their impact on attribution of personality and attractiveness*. Poster presentation at the 11th European Congress of Psychology, Oslo, Norway (7.7.-10.7.2009).

[74] Jagsch, R., **Carbon**, C. C., Benes, B., & Sinko, K. (2009). *External assessment of implicit personality theories and aesthetic perception in patients with dysgraphia*. Oral Presentation, 11th European Congress of Psychology (ECP), Oslo, Norway (7.7.-10.7.2009).

[73] Blijlevens, J., **Carbon**, C. C., & Schoormans, J. P. L. (2009). *The effect of arousal and typicality on appraisal of new-to-the market product designs*. Oral presentation, Marketing and Innovation Research Day, Liege/Belgium (9.6.2009).

[72] **Carbon**, C. C. (2009). *What "exactly" is a prototype? Not sure, but average objects are not necessarily good candidates for....* Poster Presentation, 9th Annual Meeting of the Vision Sciences Society (VSS), Naples, FL/USA (8.5.-13.5.2009).

[71] Augustin, M. D., Fuchs, H., Defrancheschi, B., **Carbon**, C. C., & Hutzler, F. (2009). *Style follows content revisited: Evidence from an ERP study*. Poster Presentation, 9th Annual Meeting of the Vision Sciences Society (VSS), Naples, FL/USA (8.5.-13.5.2009).

[70] **Carbon**, C. C. (2009). *Über die Illusion, dass Menschen Experten für die Gesichtserkennung sind [About the illusion that humans are face experts]*. Oral Talk, 51. Tagung experimentell arbeitender Psychologen (TEAP), Jena/Germany (29.3.2009-1.4.2009).

2008

[69] Leder, H., & **Carbon**, C. C. (2008). *Understanding Product Aesthetics*. Oral Talk, Design & Emotion, Hong Kong/People's Republic of China (6.-9.10.2008).

[68] **Carbon**, C. C. (2008). *How strong is a car's brand from a visual perspective? Searching for an objective measure*. Poster Presentation. 31th European Conference on Visual Perception (ECVP), Utrecht/The Netherlands (24.8.-28.8.2008).

[67] Jakesch, M., Zachhuber, M., Leder, H., & **Carbon**, C. C. (2008). *Scenario-based cross-modal touching. How top-down processes influence tactile appreciation*. Poster Presentation. 31th European Conference on Visual Perception (ECVP), Utrecht/The Netherlands (24.8.-28.8.2008).

[66] Zachhuber, M., Jakesch, M., Leder, H., & **Carbon**, C. C. (2008). *Developing a reference frame for testing cross-modality effects of vision and touch*. Poster Presentation. 31th European Conference on Visual Perception (ECVP), Utrecht/The Netherlands (24.8.-28.8.2008).

[65] Bohrn, I., Nabecker, G., & **Carbon**, C. C. (2008). *Are Curved Visual Objects Always Preferred?* Poster Presentation. 31th European Conference on Visual Perception (ECVP), Utrecht/The Netherlands (24.8.-28.8.2008).

[64] Augustin, M. D., & **Carbon**, C. C. (2008). *Towards a psychophysics of art perception*. Poster Presentation. 31th European Conference on Visual Perception (ECVP), Utrecht/The Netherlands (24.8.-28.8.2008).

[63] **Carbon**, C. C. (2008). *Face Processing: Current fields of interest*. Symposium (Chair), ICP, Berlin/Germany (20.-25.7.2008).

[62] **Carbon**, C. C. (2008). *What is the cognitive basis of impairments in congenital prosopagnosia?* Oral presentation, ICP, Berlin/Germany (20.-25.7.2008).

[61] Ditye, T., & **Carbon**, C. C. (2008). *Effects of face adaptation: Where do they lead us to.* Oral presentation, ICP, Berlin/Germany (20.-25.7.2008).

[60] Olbrich-Baumann, A., & **Carbon**, C. C. (2008). Face for Victory: Ratings of Losers' and Winner's Faces at zero acquaintance. Oral Talk, International Society of Political Psychology (ISPP) conference, Paris/France (9.-12.7.2008).

[59] Leidenfrost, B., Strassnig, B., Gomes, C., Feuchtl, S., **Carbon**, C. C., & Schabmann, A. (2008). *Cascaded Blended Mentoring - Support for first-year students at a mass-university program.* Poster presentation, 4th biennial Psychology Learning and Teaching Conference (PLAT), Bath/UK (1.-3.7.2008). Winner of the poster prize award.

[58] Leidenfrost, B., Gomes, C., Feuchtl, S., Strassnig, B., Schabmann, A., & **Carbon**, C. C. (2008). *Orientierung und Basiskompetenzen für das Psychologiestudium. Studieneingangsphase mit Cascaded Blended Mentoring.* Oral presentation, 8. Tagung der Österreichischen Gesellschaft für Psychologie (ÖGP), Linz/Austria (24.-26.4.2008).

[57] Bohrn, I., Hutzler, F., & **Carbon**, C. C. (2008). *Mona Lisa's Lächeln – nur eine visuelle Illusion?* Oral presentation, 50.Tagung experimentell arbeitender Psychologen (TEAP), Marburg/Germany (3.3.2008-5.3.2008).

[56] Ditye, T., & **Carbon**, C. C. (2008). *Langeweile als modulierender Faktor bei dynamischen Veränderungen von Gefallensurteilen.* Oral presentation, 50.Tagung experimentell arbeitender Psychologen (TEAP), Marburg/Germany (3.3.2008-5.3.2008).

[55] **Carbon**, C. C., Grueter, M., & Grueter, T. (2008). Prosopagnosia. *Transdisciplinary links between neuropsychology, genetics and cognitive neurosciences.* Oral presentation, 36th Annual Meeting of the International Neuropsychological Society (INS), Waikoloa Hawaii/USA (6.2.-9.2.2008).

2007

[54] Schabmann, A., **Carbon**, C. C., Leidenfrost, B., Gomes, C., Strassnig, B., & Feuchtl, S. (2007). *Support for Freshmen at a Mass-University Program - The Cascaded Blended Mentoring Project (CBM).* Oral presentation, German e-Science Conference (GES), Baden Baden/Germany (2.5.2007-4.5.2007).

[53] **Carbon**, C. C. (2007). *Distanzschätzungen als Maß für soziale Einstellungen.* Oral presentation, 49.Tagung experimentell arbeitender Psychologen (TEAP), Trier/Germany (26.3.2007-28.3.2007).

[52] Färber, S., Leder, H., & **Carbon**, C. C. (2007). *Einfluss tiefer und oberflächlicher Verarbeitung auf das ästhetische Urteil.* Oral presentation, 49.Tagung experimentell arbeitender Psychologen (TEAP), Trier/Germany (26.3.2007-28.3.2007).

[51] Gerger, G., **Carbon**, C. C., & Leder, H. (2007). *Langeweile als modulierender Faktor bei dynamischen Veränderungen von Gefallensurteilen.* Oral presentation, 49.Tagung experimentell arbeitender Psychologen (TEAP), Trier/Germany (26.3.2007-28.3.2007).

[50] Ditye, T., **Carbon**, C. C., & Leder, H. (2007). *Art and Style – When one Style increases the Appreciation of others*. Oral presentation, 49. Tagung experimentell arbeitender Psychologen (TEAP), Trier/Germany (26.3.2007-28.3.2007).

[49] **Carbon**, C. C. (2007). *When stability means flexibility! Familiar faces under permanent adaptation*. Poster presentation, 7th Annual Meeting of the Vision Sciences Society (VSS), Sarasota, FL/USA (11.5.-16.5.2007).

[48] Augustin, M. D., Leder, H., & **Carbon**, C. C. (2007). *The microgenesis of style and content in art perception*. Poster presentation, 30th European Conference on Visual Perception (ECVP), Arezzo/Italy (27.8.-31.8.2007).

[47] Gerger, G., Leder, H., & **Carbon**, C. C. (2007). *Contributions of boredom to liking judgments over time*. Poster presentation, 30th European Conference on Visual Perception (ECVP), Arezzo/Italy (27.8.-31.8.2007).

[46] Färber, S., **Carbon**, C. C., & Leder, H. (2007). *From exposure to evaluation: dynamic changes in appreciation of innovative design over time*. Poster presentation, 30th European Conference on Visual Perception (ECVP), Arezzo/Italy (27.8.-31.8.2007).

[45] Ditye, T., & **Carbon**, C. C. (2007). *Dynamics and Flexibility in mental Representations of familiar Faces*. Poster presentation, 30th European Conference on Visual Perception (ECVP), Arezzo/Italy (27.8.-31.8.2007).

[44] Gattol, V., Ditye, T., **Carbon**, C. C., & Hutzler, F. (2007). *A Call for Attention! - TV News Broadcasts and the Effects of Competing News Feeds on Perception*. Poster presentation, 30th European Conference on Visual Perception (ECVP), Arezzo/Italy (27.8.-31.8.2007).

[43] **Carbon**, C. C., Leder, H., & Ditye, T. (2007). *When style matters – Art specific adaptation effects*. Poster presentation, 30th European Conference on Visual Perception (ECVP), Arezzo/Italy (27.8.-31.8.2007).

[42] **Carbon**, C. C. (2007). *Iraq and the Great Divide. Cognitive map distortions between European and American cities*. Oral presentation, Ninth International Conference on Spatial Information Theory (Cosit), Melbourne/Australia (19.9.-23.9.2007).

[41] Leidenfrost, B., Strassnig, B., Schabmann, A., & **Carbon**, C. C. (2007). *Cascaded Blended Mentoring - Entwicklung und Effekte eines Programms zur Vermittlung studienrelevanter Kompetenzen*. Oral presentation, 11. Fachtagung Pädagogische Psychologie, Berlin/Germany (17.9.-19.9.2007).

[40] Strassnig, B., Leidenfrost, B., Schabmann, A., & **Carbon**, C. C. (2007). *Cascaded Blended Mentoring Unterstützung von StudienanfängerInnen in der Studieneingangsphase*. Oral presentation, 12. Europäische Jahrestagung der Gesellschaft für Medien in der Wissenschaft (GMW), Hamburg/Germany (12.9.2007-14.9.2007).

[39] **Carbon**, C. C. (2007). *Which specific processes are impaired in congenital prosopagnosia (face blindness)?* Oral presentation, 10th Congress of the Swiss Society of Psychology. Differences, Diversity, and Change (SGP-SSP), Zurich/Switzerland (13.9.-14.9.2007).

[38] Weber, J. E., **Carbon**, C. C., Deffke, I., Sander, T., Grueter, M. Grueter, T., Trahms, L. Curio, G., & Lueschow, A. (2007). *MEG sources of the 170-ms face response are localized outside the fusiform gyrus in congenital prosopagnosia*. Oral presentation, Society for Neuroscience's 34th Annual Meeting (SfN), San Diego, CA/USA (3.11.-7.11.2007).

2006

[37] **Carbon**, C. C. (2006). *Präferenz für Neuartiges oder Vertrautes? Die Rolle von Innovation bei Designs*. Oral Presentation, 7. Wissenschaftliche Tagung der Österreichischen Gesellschaft für Psychologie (ÖGP), Klagenfurt/Austria (28.4.-30.4.2006).

[36] Strassnig, B., Pöller, P., & **Carbon**, C. C. (2006). *Gesichtsprominenz und ihre Auswirkung auf das Entscheidungsverhalten*. Oral Presentation, 7. Wissenschaftliche Tagung der Österreichischen Gesellschaft für Psychologie (ÖGP), Klagenfurt/Austria (28.4.-30.4.2006).

[35] Heereman, J., & **Carbon**, C. C. (2006). *Der Mozarteffekt: lediglich ein Konzentrationseffekt?* Poster Presentation, 7. Wissenschaftliche Tagung der Österreichischen Gesellschaft für Psychologie (ÖGP), Klagenfurt/Austria (28.4.-30.4.2006).

[34] **Carbon**, C. C. (2006). *Das Phänomen der Prosopagnosie–Gesichtsblindheit*. Poster Presentation, 7. Wissenschaftliche Tagung der Österreichischen Gesellschaft für Psychologie (ÖGP), Klagenfurt/Austria (28.4.-30.4.2006).

[33] **Carbon**, C. C., Leder, H., Grueter, T., Weber, J. E., & Lueschow, A. (2006). *Reduced configural processing abilities in congenital prosopagnosia*. Poster Presentation, 6th Annual Meeting of the Vision Sciences Society (VSS), Sarasota, FL/USA (5.5.-11.5.2006).

[32] Weber, J. E., Sander, T., **Carbon**, C. C., Grueter, T., Grueter, M., Curio, G., Trahms, L., & Lueschow, A. (2006). *Characterization of subjects with congenital prosopagnosia by combined electrophysiological and behavioural data*. Poster Presentation, 6th Annual Meeting of the Vision Sciences Society (VSS), Sarasota, FL/USA (5.5.-11.5.2006).

[31] Strauß, S., Vitouch, O., Ladinig, O., Augustin, D., **Carbon**, C. C., & Leder, H. (2006). *Memory representations of musical tempo: Stable or adaptive?* Oral Presentation, Symposium Musikpsychologie in Österreich, Klagenfurt/Austria (7.7.2006).

[30] **Carbon**, C. C. (2006). *What can we learn from prosopagnosia about face processing?* Oral Presentation, 29th European Conference on Visual Perception (ECVP), St. Petersburg/Russia (20.8.-25.8.2006).

[29] **Carbon**, C. C. (2006). *The Repeated Evaluation Technique or 'How can we measure attractiveness in a valid way?'* Poster Presentation, 29th European Conference on Visual Perception (ECVP), St. Petersburg/Russia (20.8.-25.8.2006).

[28] **Carbon**, C. C. (2006). *Face adaptation effects: When stable representations are quite flexible*. Poster Presentation, 29th European Conference on Visual Perception (ECVP), St. Petersburg/Russia (20.8.-25.8.2006).

[27] **Carbon**, C. C., Ditye, T., & Leder, H. (2006). *Setting the trend: When attractiveness is a matter of adaptation*. Poster Presentation, 29th European Conference on Visual Perception (ECVP), St. Petersburg/Russia (20.8.-25.8.2006).

[26] Strauß, S., Vitouch, O., Ladinig, O., Augustin, D., **Carbon**, C. C., & Leder, H. (2006). *Memory representations of musical tempo: Stable or adaptive?* Oral Presentation, 6. triennial meeting of the European Society for the Cognitive Sciences of Music (ESCOM) and the 9. International Conference of Music Perception and Cognition (ICMPC), Bologna/Italy (22.8.-26.8.2006).

[25] Leder, H., Hutzler, F., & **Carbon**, C. C. (2006). *Psychological Aesthetics*. Oral Presentation, 19th Congress of the International Association of Empirical Aesthetics, Avignon/France (29.8.-1.9.2006).

[24] **Carbon**, C. C. (2006). *Innovative Designs: Wie messe ich was morgen gefällt?* Poster Presentation, 43. Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Berlin/Germany (17.9.-21.9.2006).

[23] Augustin, M. D., **Carbon**, C. C., & Leder, H. (2006). *Liebe zum Detail: Zur Bedeutung von Funktionsbereichen für Produktdesign*. Poster Presentation, 43. Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Berlin/Germany (17.9.-21.9.2006).

[22] **Carbon**, C. C. (2006). *Autobahn People: Distance estimations between German cities biased by social factors and the Autobahn*. Oral Presentation. International Conference Spatial Cognition, Bremen/Germany (24.9.-28.9.2006).

[21] Leidenfrost, B., Strassnig, B., Schabmann, A., & **Carbon**, C. C. (2006). *Cascaded blended mentoring system for first-year students*. Oral Presentation. Learning Communities, Klagenfurt/Austria (9.11.-11.11.2006).

[20] **Carbon**, C. C. (2006). *Is the iron curtain still present? Characteristic distance distortions in Germany*. Poster Presentation, 47th Annual meeting of the Psychonomic Society, Houston, TX/USA (16.11.-19.11.2006).

2005

[19] Weber, J. E., **Carbon**, C. C., Grueter, M., Sander, T., Grueter, T., Curio, G., Trahms, L., & Lueschow, A. (2005). *Characterization of face processing in patients with congenital prosopagnosia by simultaneous MEG/EEG recordings*. Poster Presentation, 8. TWK Tübinger Wahrnehmungs Konferenz (TWK); Tübingen Perception Conference, Tübingen/Germany (25.2.-27.2.2005).

[18] **Carbon**, C. C. (2005). *The Wall inside the Brain: Overestimation of distances crossing the former iron curtain*. Poster presentation, 47. Tagung experimentell arbeitender Psychologen (TEAP), Regensburg/Germany (4.4.2005-6.4.2005).

[17] **Carbon**, C. C., & Leder, H. (2005). *Innovation in Design and Aesthetics. How attributes of Innovation influence Attractiveness on the long run*. Oral presentation, 28th European Conference on Visual Perception (ECPV), La Coruna/Spain (22.8.-26.8.2005).

2004

[16] **Carbon**, C. C., & Leder, H. (2004). *Vertraute Gesichter als flexible und fluide Repräsentationen*. Oral Presentation, 46. Tagung experimentell arbeitender Psychologen (TEAP), Gießen/Germany (4.4.-7.4.2004).

- [15] **Carbon**, C. C., Schweinberger, S., Kaufmann, J., & Leder, H. (2004). *Early face processing investigated by ERP*. Oral Presentation, 27th European Conference on Visual Perception (ECVP), Budapest/Hungary (22.8.-26.8.2004).
- [14] **Carbon**, C. C., & Leder, H. (2004). *Face recognition is not template-based*. Poster Presentation, 27th European Conference on Visual Perception (ECVP), Budapest/Hungary (22.8.-26.8.2004).
- [13] **Carbon**, C. C., Leder, H., Weber, J., Sander, T., Trahms, L., Grueter, M., Grueter, T., Brembs, B., & Lueschow, A. (2004). *Specific impairments of configural processing in prosopagnosics*. Poster Presentation, Society for Neuroscience's 34th Annual Meeting, San Diego, CA/USA (23.10.-27.10.2004).
- [12] Lueschow, A., Weber, J.E., Sander, T., **Carbon**, C. C., Leder, H., Grueter, M., Grueter, T., Kennerknecht, I., Curio, G., & Trahms, L. (2004). *Early stages of face processing in developmental prosopagnosia as determined by simultaneous MEG/EEG recordings*. Oral Presentation, Society for Neuroscience's 34th Annual Meeting, San Diego, CA/USA (23.10.-27.10.2004).
- [11] **Carbon**, C. C., Leder, H., Weber, J., Sander, T., Trahms, L., Grueter, M., Grueter, T., & Lueschow, A. (2004). *Abnormal local and configural processing in prosopagnosics*. Oral Presentation, 45th Annual meeting of the Psychonomic Society, Minneapolis, MN/USA (18.11.-21.11.2004).

2003

- [10] **Carbon**, C. C., & Leder, H. (2003). *Processing of faces. Serial or parallel?*. Oral Presentation, 45.Tagung experimentell arbeitender Psychologen (TEAP), Kiel/Germany (24.3.-26.3.2003).
- [09] **Carbon**, C. C., & Leder, H. (2003). *The Thatcher illusion as new paradigm for investigating face processing*. Oral Presentation, 13.Conference of the European Society for Cognitive Psychology (ESCP), Granada/Spain (17.9.-20.9.2003).
- [08] **Carbon**, C. C., & Leder, H. (2003). *The underlying processes of face recognition*. Poster Presentation, 13.Conference of the European Society for Cognitive Psychology (ESCP), Granada/Spain (17.9.-20.9.2003).

2002

- [07] **Carbon**, C. C., & Leder, H. (2002). *Die ersten Millisekunden eines Gesichts: Frühe Prozesse der Gesichtserkennung*. Poster Presentation, 5.Tübinger Wahrnehmungs Konferenz (TWK), Tübingen/Germany (22.2.-24.2.2002).
- [06] **Carbon**, C. C., & Leder, H. (2002). *Margaret Thatcher: Mehr als eine Illusion? Neue Paradigmen der Gesichtsforschung*. Poster Presentation, 44.Tagung experimentell arbeitender Psychologen (TEAP), Chemnitz/Germany (2.3.-4.3.2002).
- [05] Leder, H., & **Carbon**, C. C. (2002). *Auf den Kopf! Inversionsdefizite als Konfigurationsindikatoren bei der Gesichtserkennung*. Oral Presentation, 44.Tagung experimentell arbeitender Psychologen (TEAP), Chemnitz/Germany (2.3.-4.3.2002).

[04] **Carbon, C. C., & Leder, H. (2002).** *Memory for unfamiliar faces: Effects of context, redundancy and inversion.* Oral Presentation, 43.Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Berlin/Germany (22.9.-26.9.2002).

2001

[03] Leder, H., & **Carbon, C. C. (2001).** *Zwischen Lokal und Konfigural: Lokale Formmerkmale in der Gesichtserkennung.* Poster Presentation, 4.TWK Tübinger Wahrnehmungs Konferenz (TWK), Tübingen/Germany (2.3.-4.3.2001).

[02] Leder, H., & **Carbon, C. C. (2001).** *Kontext ist nicht immer der Gewinner! Spezifische Lern-Test-Effekte bei der Gesichtserkennung.* Oral Presentation, 43.Tagung experimentell arbeitender Psychologen (TEAP), Regensburg/Germany (9.4.-11.4.2001).

[01] Leder, H., & **Carbon, C. C. (2001).** *When context interferes! Learn-test compatibilities in face recognition.* Oral Presentation, 12.Conference of the European Society for Cognitive Psychology (ESCAP), Edinburgh/Scotland (5.9.-8.9.2001).

Invited presentations, chairs, and invited symposiums

2025

[209] **Carbon, C. C. (2025).** *Wünsch Dich glücklich! Über die Psychologie und die Folgen des Wünschens [On the psychology and consequences of wishes].* Public talk at the Rokokosaal des Alten Rathauses, Bamberg, Germany (10.12.2025).

[208] **Carbon, C. C. (2025).** *Was ist Wahrnehmung, wie "real" ist sie und welche Realität ist eigtl. die, in der ich mich befinde? Über Wahrnehmung, Realität und Sinnlichkeit in Zeiten künstlicher Intelligenz [What is perception, how "real" is it, and what reality am I actually experiencing? On perception, reality, and sensuality in the age of artificial intelligence],* Wissenskneipe Bamberg, Bamberg, Germany (13.11.2025).

[207] **Carbon, C. C. (2025).** *Aesthetics and Time: Between Eternal Beauty and Fluid Fashion.* Invited talk at the Summer School at the Shanghai International Studies University (SISU), Shanghai/China (25.10.2025).

[206] **Carbon, C. C. (2025).** *Bürokratieabbau: Ist weniger wirklich mehr? [Reducing bureaucracy: Is less really more?].* Moderation at the Dr. Pfleger Arzneimittel GmbH Forum organized by the Wirtschaftsclub Bamberg, Bamberg, Germany (16.10.2025).

[205] **Carbon, C. C. (2025).** *Congenital prosopagnosia: About the cognitive and neurocognitive underpinnings of a rarely appearing but probably quite common cognitive dysfunction.* Invited talk at the China Medical University, Taichung City, Taiwan (26.09.2025).

[204] **Carbon, C. C. (2025).** *Experiencing art: How we could progress in Empirical Aesthetics, how to develop a Psychology of Art.* Invited talk at the National Taiwan University, Taipei, Taiwan (19.09.2025).

- [203] **Carbon, C. C.** (2025). *Mona Lisa as a start: How we can benefit from perceptual sciences to understand qualities of art*. Invited talk at the National Cheng Kung University, Tainan, Taiwan (24.09.2025).
- [202] **Carbon, C. C.** (2025). *Affektives und Kognitives Verarbeiten: Schlüssel zum Erleben des Menschen [Affective and cognitive processing: The key to human experience]*. Invited keynote at the symposium of the Absolventinnen und Absolventen der Beratungslehrrerausbildung KSW, Bistumshaus Bamberg, Bamberg, Germany (13.09.2025).
- [201] **Carbon, C. C.** (2025). *Learning from Leonardo: How we can understand and love Perception from Art, how we can enjoy Art from Perception*. Invited talk at the Research Center for Cognitive Sciences, Ritsumeikan University, Kyoto, Japan (18.07.2025).
- [200] **Carbon, C. C.** (2025). *Learning from Leonardo and beyond: How we can understand Perception from Art, how we can enjoy Art from Perception*. Invited talk at the Kyoto International Psychology Seminar, Kyoto University, Kyoto, Japan (11.07.2025).
- [199] Pastukhov, A., Doeblner, N., & **Carbon, C. C.** (2025). *Erste Erkenntnisse und Einsichten aus dem Forschungsprojekt Anti-Stotter [Initial findings and insights from the Anti-Stuttering research project]*. Invited talk at the ZIAI-Tag, University of Bamberg, Bamberg, Germany. (04.07.2025).
- [198] **Carbon, C. C.** (2025). *The Mona Lisa as a blueprint to enjoy, understand and explain phenomena of perception and memory*. Invited talk at the Università Telematica Internazionale Uninettuno, Rome, Italy (25.06.2025).
- [197] **Carbon, C. C.** (2025). *How we can understand visual communication from Art, how we can enjoy Art from Visual*. Invited talk at the Communication Seminar, University of Bari Aldo Moro, Bari, Italy (21.05.2025).
- [196] Schwappach, D., & **Carbon, C. C.** (2025). *Regionale Innovations- und Business-Ökosysteme am Beispiel grüner Wasserstoff [Regional innovation and business ecosystems using the example of green hydrogen]*. Invited talk within the Öffentliche Ringvorlesung „Energiezukunft Oberfranken“ organized by Technik-Allianz Oberfranken (TAO), Bayreuth, Germany (12.05.2025).
- [195] **Carbon, C. C.** (2025). *Authentisches Marketing: Werte leben, vermitteln, begeistern [Authentic Marketing: Embrace, Share, and Inspire Values]*. Invited talk at the Kapitalwerkstatt organized by ProConcept Bamberg, Bamberg, Germany (10.05.2025).
- [194] **Carbon, C. C.** (2025). *Anker in herausfordernden Zeiten. Mit Motivation und Lust am Tun zum Handeln [An anchor in challenging times. With motivation and a desire to act]*. Invited Keynote at the Arbeitsagentur Bamberg-Coburg, Bamberg, Germany (30.04.2025).
- [193] **Carbon, C. C.** (2025). *Learning from Leonardo: How we can understand Perception from Art*. Invited talk at the Bristol Vision Institute, Bristol, UK (28.02.2025).
- [192] **Carbon, C. C.** (2025). *Neue Talente, neue Impulse, neue Märkte - Podiumsdiskussion zum Fachkräftemangel [New talent, new impetus, new markets - panel discussion on the skills shortage]*. Moderation at the Forum of the Wirtschaftsclub Bamberg, Bamberg, Germany (20.02.2025).

[191] **Carbon, C. C.** (2025). *Acceptance of innovation, innovation leadership and beyond*. Invited presentation and demonstration at the KMUni event at the University of Bamberg, Bamberg, Germany (19.02.2025).

[190] **Carbon, C. C.** (2025). *Prosopagnosia—Cognitive, affective and neural underpinnings*. Invited talk of the COBRE NeuroLecture Series at the University of Reno, Reno, USA (10.02.2025).

[189] **Carbon, C. C.** (2025). *Experiencing Aesthetics in Architecture*. Invited colloquium talk at the University of California San Diego, San Diego, USA (08.02.2025).

[188] **Carbon, C. C.** (2025). Bernice E. Rogowitz—A truly visionary visual scientist. Laudatio for Dr. Rogowitz in the realm of the Banquet Dinner at HVEI (Human Vision Electronic Imaging), Burlingame, USA (05.02.2025).

[187] **Carbon, C. C.** (2025). Co-Chair for the symposium Transcending the Everyday: The Holistic and Multisensory Essence of Aesthetic Experiences at the HVEI (Human Vision Electronic Imaging), Burlingame, USA (02.02.2025-06.02.2025).

2024

[186] **Carbon, C. C.** (2024). *Psychologische Dimension von Demokratie—Wie schaffen wir gemeinsame Werte trotz unterschiedlicher Meinungen? [Psychological dimension of democracy—How do we create common values despite differing opinions?]* Invited keynote at the symposium Verantwortung für Demokratie - als Christin und Christ Mut zeigen [Responsibility for democracy - showing courage as a Christian], organized by the Diözesanrat der Katholiken im Erzbistum Bamberg, Bamberg, Germany (30.11.2024).

[185] **Carbon, C. C.** (2024). *Beer and Wellbeing*. Invited keynote at the event La filiera della birra artigianale, stili di vita e benessere, organized by UnionBirrai and the Ministero dell'Agricoltura, l'Auditorium Giuseppe Avolio, Rome, Italy (19.11.2024).

[184] **Carbon, C. C.** (2024). *Empirical Aesthetics: An essential dimension of human life*. Invited talk in the Biologisches Kolloquium at the University of Kaiserslautern / Landau (RPTU), Kaiserslautern, Germany (04.11.2024).

[183] **Carbon, C. C.** (2024). *How do I deal with health and wellbeing aspects of noble spirits?* Invited keynote, organized by the meeting of the Bavarian Fine Spirits Sommeliers e.V., Nuremberg, Germany (02.11.2024).

[182] **Carbon, C. C.** (2024). *Wie setze ich KI in KMUs wirksam ein? Teil2*. Invited moderation of the round table at *KI trifft KMU*, organized by the Wirtschaftsclub Bamberg, Bamberg, Germany (24.10.2024).

[181] **Carbon, C. C.** (2024). *Emotional Design für KMU— Emotionspsychologie zur effektiven Kommunikation von Marken, Produkten und Dienstleistungen nutzen*. Invited talk at the *FoodCampus Berlin*, Kulmbach, Germany (18.10.2024).

[180] **Carbon, C. C.** (2024). *Wahrnehmungspsychologie und Archäologie. Eine essentielle Gemeinschaft*. Invited evening talk at the *Archäologisches Kolloquium*, University of Bamberg, Bamberg, Germany (15.10.2024).

- [179] **Carbon, C. C.** (2024). *Beer, Culture, Wellbeing*. Invited Keynote at the *Bieranstich 2024*, Bamberg, Germany (30.09.2024).
- [178] **Carbon, C. C.** (2024). *Beer, Culture, Wellbeing, but also Social Gathering, Cohesion, Trust and Innovative Power!* Invited Keynote at the *YPO (Young Presidents Organization) Munich Oktoberfest International Event 2024*, Munich, Germany (20.09.2024).
- [177] **Carbon, C. C.** (2024). *Verschwörungen? Verschwörungsmythen?? Verschwörungstheorien!? Was, woher, warum—was machen sie mit uns und wie gehen wir mit ihnen souverän um?* Invited talk at the seminar „Planspiele der politischen Bildung (Politik spielerisch vermitteln)“ at the Akademie für Politische Bildung, Tutzing, Germany. (07.06.2024).
- [176] **Carbon, C. C.** (2024). *Form und Inhalt durch Ambiguität zur Kunst*. Invited talk at the Werkbund, Nuremberg, Germany. (06.06.2024).
- [175] **Carbon, C. C.** (2024). *Ästhetik: Ewig, schön und gut?*. Invited talk at the weekly meeting of the Rotary Club Bamberg, Bamberg, Germany. (16.05.2024).
- [174] **Carbon, C. C.** (2024). *Erlebnis-Verstärkung durch Storytelling: Über nachhaltiges Erleben*. Invited talk at the Jahrestagung of the freakstotable e.V., Bamberg, Germany. (30.04.2024).
- [173] **Carbon, C. C.** (2024). *Optimistisch und erfolgreich in Krisenzeiten. Ein psychologischer Ansatz*. Invited talk at the Arbeitsagentur, Bamberg, Germany. (24.04.2024).
- [172] **Carbon, C. C.** (2024). *Career planning in psychology*. Invited talk at Bentley University, Boston, USA. (07.03.2024).
- [171] **Carbon, C. C.** (2024). *Große Sprachmodelle in Unternehmen - Schreibst du noch selbst oder lässt du schon generieren?* Invited moderation at the discussion panel of the Oberfränkische Fachtagung KI, Bamberg, Germany. (22.02.2024).
- [170] **Carbon, C. C.** (2024). *Alcohol and Labelling*. Invited talk at the European Health and Digital Executive Agency (Hadea), Brussels, Belgium. (24.02.2024).
- [169] **Carbon, C. C.** (2024). *Arbeitnehmer first?* Invited moderation at the symposium of the Wirtschaftsclub Bamberg at Rober Pfleger GmbH, Bamberg, Germany. (22.02.2024).
- [168] **Carbon, C. C.** (2024). *What is freakstotable? How was it established, why was it established?* Invited moderation at a discussion table at the Intergastra, Stuttgart, Germany. (03.02.2024).
- [167] **Carbon, C. C.** (2024). *Erfolgreich kommunizieren in Krisenzeiten. Ein psychologischer Ansatz..* Invited talk at the Neujahrsempfang of the DEHOGA Bayern, Burgellern, Germany. (29.01.2024).
- [166] **Carbon, C. C.** (2024). *Der Weg in eine verzerrte Wahrnehmung und Welteinschätzung - und zurück*. Invited talk at the symposium „Wissenschaftskommunikation“ of the Arbeitskreis (AK) "Naturwissenschaft und Glaube", Würzburg, Germany. (20.01.2024).

- [165] **Carbon, C. C.** (2023). *Multisensory experience in art*. Invited talk at the Art in Conversation seminar at the University of St. Andrews, St. Andrews, Scotland. (29.11.2023).
- [164] **Carbon, C. C.** (2023). *Der Weg in eine verzerrte Wahrnehmung und Welteinschätzung - und zurück*. Invited talk at the symposium „Robotik & künstliche Intelligenz“ at the Innovationstag Coburg, Coburg, Germany. (13.11.2023).
- [163] **Carbon, C. C.** (2023). *Why we need a theoretical and methodological fundament for conducting goal-leading aesthetics research*. Invited talk at the SAMBA (Science of Art, Music, and Brain Activity) group, Arizona State University, Arizona. (31.10.2023).
- [162] **Carbon, C. C.** (2023). *About the need of transfer from research to education*. Invited panelist on the panel Technology, education, research, and humanity at the KIUInnovare Business Forum of the KIU Campus, Kutaisi International University, Kutaisi, Georgia. (23.-24.10.2023).
- [161] **Carbon, C. C.** (2023). *Beer, Health, and Wellbeing*. Invited talk at the convention of BierIG Österreich, Vienna, Austria. (15.09.2023).
- [160] **Carbon, C. C.** (2023). *Verschörungstheorien und –mythen: Was, woher, warum—was machen sie mit uns und wie gehen wir mit ihnen um, und das in Zeiten von DeepL, ChatGPT, DALL-e und Kolleg*innen?*. Invited talk at the Kolloquium of the CogSys-Lab, University of Bamberg, Bamberg, Germany. (19.07.2023).
- [159] **Carbon, C. C.** (2023). *Haptik virtualisieren – Kreativität in der Produktentwicklung standortverteilt fördern*. Invited talk at the ZIAI-Tag, University of Bamberg, Bamberg, Germany. (07.07.2023).
- [158] **Carbon, C. C.** (2023). *Beer, Health, and Wellbeing*. Invited talk at the convention of the Bierconsumentenvereniging PINT Netherlands, Fort Everdingen, The Netherlands. (25.04.2023).
- [157] Schwappach, D., Faix, W. G., Mergenthaler, J., & **Carbon, C. C.** (2023). *Green Hydrogen Ecosystem (GHE) Framework: Contribution to Innovation Leadership*. Invited poster presentation at the Cleantec Innovation Summit, Cleantec Innovation Park, Hallstadt, Germany. (16.05.2023).
- [156] **Carbon, C. C.** (2023). *Bamberger Runde: Energieforum III*. Invited moderation of the Bamberger Runde, organized by the Wirtschaftsclub Bamberg, Robert-Pfleger Bamberg, Germany. (09.03.2023).
- [155] **Carbon, C. C.** (2023). *Attraktivität und Zukunft der bayerisch/thüringischen Rennsteig-Region*. IHK-Gremium Kronach, Marktrodach, Germany. (14.02.2023).
- [154] **Carbon, C. C.**, Pieper, L. K., & Doeblner, N. (2023). *Identität Rennsteig*. 2. Rennsteig-Workshop, Neuhaus am Rennweg, Germany. (12.01.2023).
- [153] **Carbon, C. C.** (2023). *Affektives und Kognitives Verarbeiten: Schlüssel zum Erleben des Menschen*. 12. Deutschlandstipendien-Feier, Bamberg, Germany. (11.01.2023).

[152] **Carbon, C. C.** (2022). *We and Us in the Energy Revolution*. Invited talk at the Haus des Gastes, Hofheim, Germany. (17.10.2022).

[151] **Carbon, C. C.** (2022). *Bamberger Runde: Gegenwart und Zukunft der Energieversorgung*. Invited talk of the Bamberger Runde, organized by the Wirtschaftsclub Bamberg, Energie Campus, Hirschaid, Germany. (6.10.2022).

[150] **Carbon, C. C.** (2022). *Let's dynamicalize our ideas on aesthetics: Aesthetic appreciation is a dynamic process not a static assessment*, Invited talk at the KU Leuven, Leuven, Belgium (03.10.2022).

[149] **Carbon, C. C.** (2022). *Beer and Wellbeing*. Invited talk at the Reception of European Beer Consumers' Union (EBCU), Brussels, Belgium. (29.09.2022).

[148] **Carbon, C. C.** (2022). *We and Us in the Energy Revolution*. Invited talk at the Stadt- und Landkreis Haßfurt, Stadthalle Königsberg, Königsberg, Germany. (26.09.2022).

[147] **Carbon, C. C.** (2022). *How to brand a region? About the dialectic between industry and nature*. Invited workshop at Heinz-Glas, Kleintettau, Germany. (19.07.2022).

[146] **Carbon, C. C.** (2022). *Podiumsdiskussion: Digitale Gesellschaft*. Invited discussion at the University of Bamberg, Bamberg, Germany. (05.07.2022).

[145] **Carbon, C. C.** (2022). *Regionalmarketing für die Rennsteigregion*. Invited talk at Regular Meeting of the Rennsteig-Verein, Steinbach, Germany. (17.05.2022).

[144] **Carbon, C. C.** (2022). *Podiumsdiskussion: Der Ukraine-Konflikt und seine Folgen*. Invited moderation at Wirtschaftsclub Bamberg, Hallstadt, Germany. (21.04.2022).

[143] **Carbon, C. C.** (2022). *Rennsteigregion: Meinungen, Assoziationen, Ansätze für gezieltes wirtschaftsförderliches Regionalmarketing*. Invited talk at Meeting of the CAH-Stiftung, Kleintettau, Germany. (07.04.2022).

[142] **Carbon, C. C.** (2022). *Beer and Wellbeing. Thoughts on beer, health and wellbeing*. Invited talk at the Delegates Meeting of the European Beer Consumers' Union (EBCU), Bamberg, Germany. (01.-02.04.2022).

[141] **Carbon, C. C.** (2022). *Authentisches Marketing. Persönlich, spezifisch, sympathisch, offen, echt. [Authentic Marketing. Personally, authentic, open, honest]*. Invited talk at the Annual Meeting of the Private Braugasthäre, Missen/Allgäu, Germany. (14.03.2022).

[140] **Carbon, C. C.** (2022). *Authentisches Marketing. [Authentic Marketing]*. Invited talk at the KAB Bildungswerk, Bamberg, Germany (10.02.2022).

2021

[139] **Carbon, C. C.** (2021). *Über Verschwörungstheorien, was sie mit uns machen und wie wir damit umgehen sollten. [About conspiracy theories]*. Invited talk at the KAB Bildungswerk (17.06.2021).

[138] **Carbon, C. C.** (2021). *Wie funktionieren Verschwörungstheorien? [How do conspiracy theories work?]*. Invited talk at the Webtalk for school students of the Bayerische Landeszentrale für politische Bildungsarbeit, Nuremberg (23.04.2021).

[137] **Carbon, C. C.** (2021). *Wie funktionieren Verschwörungstheorien? [How do conspiracy theories work?]*. Invited talk at the Webtalk for school students of the Bayerische Landeszentrale für politische Bildungsarbeit, Nuremberg (12.02.2021).

[136] **Carbon, C. C.** (2021). *Wie funktionieren Verschwörungstheorien? [How do conspiracy theories work?]*. Invited talk at the Webtalk for Teachers of the Bayerische Landeszentrale für politische Bildungsarbeit, Nuremberg (11.02.2021).

[135] **Carbon, C. C.** (2021). *Über die Faszination und den kommunikativen Charakter von Gesichtern, und wie sich COVID-19 auf die Wahrnehmung von Gesichtern auswirkt. [About the fascination for and the communicative character of faces and how this is impacted by the COVID-19 measures]*. Invited talk at the Seniorenstudium of the University of Munich (19.01.2021).

2020

[134] **Carbon, C. C.** (2020, postponed due to COVID-19). *Ästhetische Dimensionen des Erlebens: Vom bloßen Gefallen bis zur langfristigen Faszination. [Aesthetic dimensions of experience: From mere liking to sustainable fascination]*. Invited talk at the Colloquium of the University of Ulm (15.12.2020).

[133] **Carbon, C. C.** (2020). *Challenges and Chances of COVID-19 for the Oberfranken region*, Invited speaker at Oberfranken Offensiv e.V., Bayreuth, Germany (18.06.2020).

[132] **Carbon, C. C.** (2020). *Podiumsdiskussion „Wirtshaus, Wagner, Wiesenfest: Oberfrankens Gastronomie und Hotellerie muss jetzt handeln, um zu überleben“*, Invited speaker at the public Zoom-Webinar, Bamberg, Germany (15.05.2020).

[131] **Carbon, C. C.** (2020). *Podiumsdiskussion „Ein Gehirn denkt nie allein“ – Streitfragen an den Rändern des Neuronalen*, Invited talk at the Symposium "Wo sitzt der Geist?", Nuremberg, Germany (13.09.-15.09.2020; postponed due to COVID-19 to 15.09.2020).

[130] **Carbon, C. C.** (2020). *Ist der leiblose Geist ein seelenloser Körper? Über körperliches Denken und Fühlen*, Invited talk at the Symposium "Wo sitzt der Geist?", Nuremberg, Germany (13.03.-15.03.2020; postponed due to COVID-19 to 13.09.2020).

[129] **Carbon, C. C.** (2020). *Die innovative Umwelt: Chancen und Potentiale durch eine psychologische Herangehensweise*, Invited talk at the TU Berlin: Research Seminar Series zu Marketing-, Design- und Innovationsthemen, Berlin, Germany (21.02.2020; postponed due to COVID-19).

2019

- [128] **Carbon, C. C.** (2019). *Genuss verstehen, Genuss leben*, Invited speech at the Hanns-Seidel-Stiftung, Kloster Banz, Germany (15.11.2019).
- [127] **Carbon, C. C.** (2019). *Prosopagnosia—When people do not recognize friends by faces*, Invited talk at Geomedi Teaching University, Tbilisi, Georgia (10.10.2019).
- [126] **Carbon, C. C.** (2019). *Alles nur Menschen: Was Techniker, Designer und Anwender über Psychologie wissen sollten [Humans everywhere: What Technicians, designers and users should know about Psychology]*, Invited speech at 9th KH-Technologietag at the city hall of the city of Helmbrechts, Germany (06.06.2019).
- [125] **Carbon, C. C.** (2019). *How Technical Professions can benefit from Insights from Psychology*, Oral speech at International symposium “The impact of scientific-technical progress on human health” at University Geomedi, Tbilisi, Georgia (12.04.2019).
- [124] **Carbon, C. C.** (2019). *Wahrnehmung und Wertschätzung von Regionen. Eine psychologische Sichtweise*, Invited stimulus address, IHK Bayreuth, Hof, Germany (19.03.2019).
- [123] **Carbon, C. C.** (2019). *Schönheit, Attraktivität, sexuelle Anziehung: Ästhetische Wahrnehmung aus kognitiver Perspektive*, Invited talk at the brainWEEK, Nuremberg, Germany (17.03.2019).
- [122] **Carbon, C. C.** (2019). *Genuss-Verstärkung durch Storytelling*, Invited talk at the Jeunes Restaurateurs (JRE)-Genusslabor IX, Wirsberg, Germany (18.02.2019).

2018

- [121] **Carbon, C. C.** (2018). *Verflucht und Rosenzweig: Thatcher Täuschung—Eine Täuschung die verbindet*. Invited talk at the Geburtstagssymposium of Rainer Rosenzweig, Nuremberg, Germany (15.12.2018).
- [120] **Carbon, C. C.** (2018). *Regionals Marketing: Authentisch, Innovativ und mit Leidenschaft*, Invited stimulus address, IHK Bayreuth, Kronach, Germany (23.10.2018).
- [119] **Carbon, C. C.** (2018). *Design from a psychological perspective*, Invited keynote lecture, DESIGN 2018 conference, Dubrovnik, Croatia (21.05.-24.05.2018).
- [118] Muth, C., Raab, M., & **Carbon, C. C.** (2018). Seeking (in)stability: Interest as a promise of Aesthetic Aha, Invited poster presentation, Visual Neuroaesthetics Symposium (visNA) 2018, Frankfurt am Main, Germany (04.04-06.04.2018).
- [117] **Carbon, C. C.** (2018). Dynamics of aesthetic appreciation, Invited keynote lecture, Psychological 2018 conference, Belgrade, Serbia (23.03.-25.03.2018).
- [116] **Carbon, C. C.** (2018). *Face expertise vs prosopagnosia: About the development and absence of expertise*. Invited talk at the Department of Psychology at University of Novi Sad/Serbia (22.03.2018).

[115] **Carbon, C. C.** (2018). *Interieur aus psychologischer Sicht – Haptische und visuelle Anmutung*, Oral presentation at the Kooperationsforum: Interieur im Automobil—Enabling Technologies, Bamberg, Germany (14.3.2018).

2017

[114] **Carbon, C. C.** (2017). *Innovationskraft und Kreativität stärken—für den Mittelstand—für Oberfranken*, Invited keynote lecture at the Hochfränkischer Tag der IHK, Hof, Germany (11.12.2017).

[113] **Carbon, C. C.** (2017). *User-centric psychological and neuroscience perspectives in experimental design research*. Invited talk at the international workshop on Co-creative design for successful innovation, Bozen/Italy (13.06.-14.06.2017).

[112] **Carbon, C. C.** (2017). *Multimodales Marketing: Chancen für den Mittelstand*. Invited keynote speech at the Tandem-Veranstaltung der IHK, Handwerkskammer und der Universität Bamberg, Bamberg/Germany (29.05.2017).

[111] **Carbon, C. C.** (2017). *Architektur und Atmosphäre - Erkenntnisse der Psychologie [Architecture and atmosphere: Insights from psychology]*. Invited talk at Conference on Rhythmen: Architektur, Atmosphäre, Wahrnehmung, Bamberg/Germany (20.04.-22.4.2017).

[110] **Carbon, C. C.** (2017). *Die Psychologie hinter haptischem Erleben: Chancen, Herausforderungen, Lösungen [The psychology of haptic experience: Chances, challenges, solutions]*. Invited talk at the 17th armasuisse Textilsymposium, Bern/Switzerland (15.03.2017).

[109] **Carbon, C. C.** (2017). *Publikationsdruck, Publikationsstrategie, Publikationsvision [Publish or Perish: Strategies, Exits, Visions]*. Invited talk at the Woche der jungen Forschung, Bamberg (13.02.2017).

[108] **Carbon, C. C.** (2017). *Measurement problems and measurement strategies for capturing the rich experience of art*. Invited Talk at the 30th Conference on Human Vision and Electronic Imaging (HVEI) 2017. The International Conference on Perception and Cognition in Electronic Media, Burlingame/USA (29.01.-02.02.2017).

[107] **Carbon, C. C.** (2017). *Congenital Prosopagnosia*. Invited Talk at the Departments of Psychology, Computer Science, and the Neuroscience Program, University of Southern California, Los Angeles/USA (02.01.2017).

2016

[106] **Carbon, C. C.** (2016). *Wahrnehmung und Realität—Zwischen Illusion und Täuschung [Perception and Reality—Between delusion and illusion]*. Invited talk (Festvortrag) at the Welcome address for the university freshmen at University of Bamberg, Bamberg/Germany (14.10.2016).

[105] **Carbon, C. C.** (2016). *On the aesthetic appeal of non-easy-on-the-mind artworks*. Invited talk at the 31st International Congress of Psychology (ICP), Yokohama/Japan (24.07.-29.07.2016).

- [104] **Carbon, C. C., & Hesslinger, V. M. (2016).** *How we can solidly solve a couple of so-called "mysteries" of the Mona Lisa by means of psychological methodology.* Invited address at the 31st International Congress of Psychology (ICP), Yokohama/Japan (24.07.-29.07.2016).
- [103] **Carbon, C. C. (2016).** *On the dynamics of aesthetics: fashion, design, art.* Keynote lecture at the Interdisciplinary Conference on Aesthetics, Fashion and Psychology, organized by the Centre for Aesthetics at the University of Leeds and the London College of Fashion, London/England (30.06.-01.07.2016).
- [102] **Carbon, C. C. (2016).** *#TheDress: Ein Kleid mit vielen Farben [#TheDress: The many colours of a dress].* Oral talk at the Scheunenfest at „The Barn“, Leinroden/Germany (11.06.2016).
- [101] **Pastukhov, A., & Carbon, C. C. (2016).** *Science is fun! Turning psychophysical experiments into video games.* Posterbeitrag auf der Auftaktveranstaltung des Zentrums für innovative Anwendungen der Informatik (ZIAI), Bamberg, Germany (29.04.2016).
- [100] **Carbon, C. C., Raab, M. H., Pastukhov, A., & Schel, A. (2016).** *Moon Diary: Eine App zur empirischen Untersuchung der sogenannten Mondtäuschung.* Posterbeitrag auf der Auftaktveranstaltung des Zentrums für innovative Anwendungen der Informatik (ZIAI), Bamberg, Germany (29.04.2016).
- [99] **Raab, M. H., Siegl, U., & Carbon, C. C. (2016).** *Motorisches Lernen: Ein Rad, viele Sensoren.* Posterbeitrag auf der Auftaktveranstaltung des Zentrums für innovative Anwendungen der Informatik (ZIAI), Bamberg, Germany (29.04.2016).
- [98] **Raab, M. H., Carbon, C. C., & Muth, C. (2016).** *High resolution for low budgets; DIY assessment tools for measuring the dynamics of human behavior.* Posterbeitrag auf der Auftaktveranstaltung des Zentrums für innovative Anwendungen der Informatik (ZIAI), Bamberg, Germany (29.04.2016).
- [97] **Carbon, C. C. (2016).** *Ambiguity, Indeterminacy, Semantic Instability—key ingredients for modern art.* Oral talk at the 2nd Workshop on Visual Properties Driving Visual Preference, Liverpool/England (21.03.2016).
- [96] **Carbon, C. C. (2016).** *Wahrnehmung & Erinnerung: Warum Authentisches wirkt [Perceiving & Remembering: Why authentic things have an impact].* Oral talk at the NIVEA press workshop, Hamburg/Germany (25.02.2016).
- [95] **Carbon, C. C. (2016).** *Beyond the predominance of the visual empire: A functional model on haptics & more.* Invited Talk at the 29th Conference on Human Vision and Electronic Imaging (HVEI) 2016. The International Conference on Perception and Cognition in Electronic Media, San Francisco/USA (15.02.-18.02.2016).
- [94] **Carbon, C. C. (2016).** *La question du a-A : de l'esthétique tout-venant à l'esthétique éternelle [The a-A question: from every-day to eternal aesthetics].* Invited Talk at the Rencontres Art & Sciences Neurosciences, Épistémologie et Nouveaux Paradigmes Symposium, Paris/France (05.02.-06.02.2016).
- [93] **Carbon, C. C. (2016).** *DC Ladestation am Olympiapark.* Invited Talk at the 3. Jahrestagung des Schaufensters Bayern-Sachsen. München/Germany (04.02.-05.02.2016).

2015

- [92] **Carbon, C. C.** (2015). *Neue Mobilitätsarten wie autonomes, unterstütztes oder elektrisches Fahren aus der Perspektive des Nutzers*. Workshop at the IHK-Innovations- und Anwenderclub eMobilität, Würzburg/Germany (19.11.2015).
- [91] **Carbon, C. C.** (2015). *Beyond mere fluency*. Symposium (Chair) at the 38th European Conference on Visual Perception (ECVP), Liverpool/England (23.08.-27.08.2015).
- [90] **Carbon, C. C.** (2015). *Innovations- und Designforschung der angewandten psychologischen Methodenentwicklung*. Invited talk at the Unternehmerforum Design, BayernDesign, Bamberg/Germany (14.07.2015).
- [89] **Carbon, C. C.** (2015). *Vergleichendes Sehen — Komplementär Wahrnehmen*. Invited talk at the Conference Form und Ordnung. Zur Systematik des vergleichenden Sehens of the Excellence Cluster "Bild Wissen Gestaltung", HU Berlin, Berlin/Germany (09.07.-10.07.2015).
- [88] **Carbon, C. C.** (2015). *Der subjektive Faktor im Fahrzeug: Psychologie soweit das Auge reicht! [The subjective factor in the automobile industries: The relevance of psychological research]*. Invited talk at the 17. Jahreskongress "Zulieferer Innovativ", BMW Welt, Munich/Germany (06.07.-07.07.2015).
- [87] **Carbon, C. C.** (2015). *Innovation—Fortschritt — Weiterentwicklung — Veränderung*. Invited talk at the 2015 ESF meeting organized by and at the Virtuelle Hochschule Bayern, Bamberg/Germany (25.06.2015).
- [86] **Carbon, C. C.** (2015). *Psychologische Methoden, die uns helfen, etwas über die echte Wertschätzung von Produkten herauszufinden [Psychological methods for measuring appreciation for products]*. Invited talk at the Colloquium of the University of Kiel/Germany (23.06.2015).
- [85] **Carbon, C. C.** (2015). *Wahrnehmung: Konstruktion der Wirklichkeit—Wirklichkeit der Konstruktion*. Invited talk at the Residenz-Vorlesungen im Toscanasaal, University of Würzburg, Würzburg/Germany (28.5.2015).
- [84] **Carbon, C. C.** (2015). *Aesthetic dimensions of perception*. Invited talk at the Colloquium of the Research Group Perception and Action at the University of Gießen/Germany (27.05.2015).
- [83] **Carbon, C. C.** (2015). *Function and Dynamics of Cognitive and Affective Processes*. Invited talk at the Colloquium of Procter & Gamble, Schwalbach/Germany (06.02.2015).

2014

- [82] **Raab, M. Imhof, M., & Carbon, C. C.** (2014). *Towards a cognitive architecture mapping the dynamics of aesthetic appreciation*. Invited talk at the Workshop on psychological perspectives on aesthetics at the Max Planck Institute for Empirical Aesthetics, Frankfurt am Main/Germany (11.12.-13.12.2014).

[81] Weth, K., Raab, M., & **Carbon**, C. C. (2014). *Measuring aesthetic emotions in a continuous way via facial expressions!* Invited talk at the Workshop on psychological perspectives on aesthetics at the Max Planck Institute for Empirical Aesthetics, Frankfurt am Main/Germany (11.12.-13.12.2014).

[80] Muth, C., Hesslinger, V. M., Albrecht, S., & **Carbon**, C. C. (2014). *A triangular approach to ambiguity in aesthetics: Integrating object-, person-, and context-related factors.* Invited talk at the Workshop on psychological perspectives on aesthetics at the Max Planck Institute for Empirical Aesthetics, Frankfurt am Main/Germany (11.12.-13.12.2014).

[79] **Carbon**, C. C. (2014). *Developing a framework for assessing, measuring and understanding aesthetic phenomena in a dynamic way.* Invited talk at the Workshop on psychological perspectives on aesthetics at the Max Planck Institute for Empirical Aesthetics, Frankfurt am Main/Germany (11.12.-13.12.2014).

[78] Kovác, A. D., & **Carbon**, C. C. (2014). *Effects of two types of introspection on post-choice satisfaction.* Poster presentation at the Symposium of the Graduate School of Decision Sciences (GSDS) at the University of Konstanz, Konstanz/Germany (18.12.2014).

[77] **Carbon**, C. C., & Lingelbach, B. (2014, withdrawn). *Sieh, was du nicht siehst—Für Erwachsene [Perceive what you're not seeing—for adults].* Oral talk at the E.T.A.-Hoffmann-Theater held by B. Lingelbach, Bamberg/Germany (14.12.2014).

[76] Lingelbach, B. & **Carbon**, C. C. (2014, withdrawn). *Sieh, was du nicht siehst—Für Erwachsene [Perceive what you're not seeing—for kids].* Oral talk at the E.T.A.-Hoffmann-Theater held by B. Lingelbach, Bamberg/Germany (13.12.2014).

[75] **Carbon**, C. C. (2014). *Den Nutzer verstehen: Neue Potenziale durch psychologische Forschung [Understanding the user: Further potentials via psychological research].* Oral talk at the conference on interiors in the automobile industries at the MAN Truck Forum, München/Germany (26.11.2014).

[74] **Carbon**, C. C. (2014). *Computer als Altenpfleger – über Chancen und Grenzen technischer Assistenzsysteme [Computer as assistant for elderly people: On chances and limits of ambient assistant systems].* Public Discussant on the MS Wissenschaft, Regensburg/Germany (23.09.2014).

[73] **Carbon**, C. C. (2011). *On the dynamics of aesthetic experience.* Symposium (Chair) at the 2nd Visual Science of Art Conference. Belgrade, Serbia (23.08.-24.08.2014).

[72] **Carbon**, C. C. (2014). *Die Mona Lisa: Ein Renaissance-Gemälde in den Fängen der Wahrnehmungspsychologie [The Mona Lisa: A Renaissance-painting analyzed by the perceptual sciences].* Keynote speech at the Scheunenfest at „The Barn“, Leinroden/Germany (19.07.2014).

[71] **Carbon**, C. C. (2014). *Rotierende Scheiben als Basisinstrumente experimenteller Psychologie [Rotating discs as base instrument for experimental psychology].* Oral talk at the 8. Dresdner Farbenforum: „Farbe aus Bewegung“, Dresden/Germany (24.05.2014).

[70] **Carbon**, C. C., & Aull, R. (2014). *Milieugestaltung und symbolische Selbstergänzung [Design of millieus and symbolic self completion].* Oral talk at the 1st Meeting of the

Environmental Colour Design Association (ECDA), Bamberg/Germany (04.04.2014-05.04.2014).

[69] **Carbon, C. C.** (2014). *Das Geheimnis guter Gestalt [The mystery of good Gestalt]*. Oral talk at the 1st Meeting of the Environmental Colour Design Association (ECDA), Bamberg/Germany (04.04.2014-05.04.2014).

[68] **Carbon, C. C.** (2014). *Hat Schönheit Regeln? [Are there certain rules to establish beauty?]*. Oral talk at the 1st Meeting of the Environmental Colour Design Association (ECDA), Bamberg/Germany (04.04.2014-05.04.2014).

[67] **Carbon, C. C.** (2014). *Understanding the flexibility of cognitive maps: Affective and attitudinal factors*. Oral talk at the Design Meeting 2014: Spatial Design, Cognition, and Technology, Bremen/Germany (10.03.2014-11.03.2014).

2013

[66] **Carbon, C. C.** (2013). *Die Psychologie des Wohnens im Alter [The psychology of living at old age]*. Invited talk at the Symposium Farbe.Design.Therapie 2013, Bad Irsee/Germany (18.10.2013-20.10.2013).

[65] **Carbon, C. C.** (2013). *Mona Lisa: The mistress of illusion and delusion*. Oral talk at the Illusion and Delusion Symposium des Instituts für Augenoptik Aalen, Aalen/Germany (23.08.2013-24.08.2013).

[64] **Carbon, C. C.** (2013). *Wissenschaftliches Arbeiten im Ausland [To work scientifically abroad]*. Oral talk at the Summerschool of ÖGP young researchers, Spital am Pyhrn/Austria (17.07.2013).

[63] **Carbon, C. C.** (2013). *Erinnern heißt Vergessen [Remembering means forgetting]*. Invited talk at the 24. Bamberger Hegelwoche, Bamberg/Germany (11.06.2013).

[62] **Carbon, C. C.** (2013). *Psychologische Ästhetik: Wir mögen was wir kennen, wir schätzen was wir verstehen*. Invited talk at the Forschungskolloquium des Instituts für Psychologie, Universität Salzburg/Austria (16.01.2013).

2012

[61] **Carbon, C. C.** (2012). *Ästhetisches Gefallen: Stabil, flexibel, vorhersagbar [Aesthetic Appreciation: Stable, Flexible, Predictable]*. Invited talk at the Institute of Psychology and Human Engineering, University of Technology Berlin, Berlin/Germany (19.12.2012).

[60] **Carbon, C. C.** (2012). *Wie sich die Wertschätzung für Design implizit verändert [On the implicit change of design appreciation]*. Key note speaker at the 1. Potsdamer Designgespräche [Potsdam Design Discussions], organized by the Ministry of Economics and European Affairs of the Federal State of Brandenburg, Potsdam/Germany (12.10.2012).

[59] **Carbon, C. C.** (2012). *On the adaptivity of preferences and taste*. Invited talk at the Research Seminar of the Department of Psychology, University of Warsaw, Warsaw/Poland (09.10.2012).

- [58] **Carbon, C. C.** (2012). *Perception & Attention*. Chair of the symposium at the 11th Biannual Meeting of the German Cognitive Science Society (KogWis), Bamberg/Germany (03.10.2012).
- [57] **Carbon, C. C.** (2012). *Gewaltprävention im öffentlichen Raum: Psychologische und soziale Faktoren*. Oral presentation. Sicherheitstreffen der Bundespolizei, Nürnberg/Germany (01.08.2012).
- [56] Muth, C., & **Carbon, C. C.** (2012). *The Aesthetic Aha. The pleasure of having insights into Gestalt and its relevance for the appreciation of modern art*. Oral presentation. Art & Perception symposium at the Institut d'Etudes Avancées (IEA-Paris), Paris/France (28.05.-29.05.2012).
- [55] **Carbon, C. C.** (2012). *Mona Lisa's many faces*. Oral presentation. Art & Perception symposium at the Institut d'Etudes Avancées (IEA-Paris), Paris/France (28.05.-29.05.2012).
- [54] **Carbon, C. C.** (2012). *Adaptation of Aesthetic Appreciation*. Oral presentation. Quality and Usability Lab of the Deutsche Telekom Laboratories, Berlin/Germany (13.2.2012).
- [53] **Carbon, C. C.** (2012). *On the dynamics of aesthetic appreciation*. Invited speech, Human Vision and Electronic Imaging XVII, San Francisco, CA/USA (26.01.2012).

2011

- [52] **Carbon, C. C.** (2011). *Gefallen und Wertschätzung für Design und Kunst. Flexibel und adaptiv*. Oral presentation. Neues Museum Nürnberg, Nuremberg/Germany (14.12.2011).
- [51] **Carbon, C. C.** (2011). *Empirische Ästhetik: Verbindung zwischen Forschung und Anwendung*. Oral presentation. Institut für Psychologie, Würzburg/Germany (25.11.2011).
- [50] **Carbon, C. C.** (2011). *Face Perception and Recognition*. Symposium (Chair), 52nd Annual meeting of the Psychonomic Society, Seattle, WA/USA (03.11.-06.11.2011).
- [49] **Carbon, C. C.** (2011). *Dynamik des Gefallens. Wie sich flux unser Geschmack verändert*. Oral presentation. Symposium Ästhetik und Design, Kloster Irsee, Irsee/Germany (14.10.2011).
- [48] **Carbon, C. C.** (2011). *Verbindung von Wissenschaft und Wirtschaft im Rahmen der angewandten kognitiven Psychologie*. Oral presentation. Symposium Wirtschaft trifft Wissenschaft der Stadt Bamberg, Bamberg/Germany (11.10.2011).
- [47] **Carbon, C. C.** (2011). *Ambient Assisted Living as a genuine psychological research topic*. AAL-Symposium, University of Technology Vienna, Vienna/Austria (21.07.2011-22.07.2011).
- [46] Ortlieb, S., Streffing, G., & **Carbon, C. C.** (2011). *Psychological factors of Ambient Assisted Living (AAL)*. AAL-Symposium, University of Technology Vienna, Vienna/Austria (21.07.2011-22.07.2011).
- [45] **Carbon, C. C.**, Ortlieb, S., & Raab, M. (2011). *Verschwörungstheorien. Psychologische Faktoren der Entstehung, Tradierung und Verankerung*. Kolloquium des Instituts für Medien und Bildungstechnologie, Universität Augsburg, Augsburg/Germany (07.07.2011).

[44] **Carbon, C. C.** (2011). *Gesichtserkennung. Warum wir glauben Menschen an Gesichtern erkennen zu können, im Alltag aber daran kläglich scheitern*. Keynote lecture at the International Brain Week, Nicolaus-Copernicus-Planetarium, Nuremberg/Germany (05.04.2011).

[43] **Carbon, C. C.** (2011). *Über die Adaptivität des ästhetischen Urteils [About the adaptivity of aesthetic appreciation]*. Transdisciplinary lecture series on new ways of aesthetics at the Anatomical Institute of the Friedrich-Schiller-Universität Jena, Jena/Germany (10.01.2011).

2010

[42] **Carbon, C. C.** (2010). *Über die Unfähigkeit Gesichter zu erkennen*. Oral Talk at the research colloquium of the Institute of Psychology, University of Zurich, Zurich/Switzerland (22.12.2010).

[41] **Carbon, C. C.** (2010). *Face expertise. Why faces are special*. Oral Talk at the research colloquium of the Department of Psychology, University of Milano-Bicocca, Milano/Italy (20.12.2010).

[40] Augustin, M. D., Wagemans, J., & **Carbon, C. C.** (2010). *The words of beauty: Empirical investigations regarding the measurement of aesthetic impressions*. Oral Talk at the Art & Perception Conference 2010, The Royal Academies for Science and the Arts of Belgium, Brussels/Belgium (24.11.-26.11.2010).

[39] **Carbon, C. C.** (2010). *The adaptivity of aesthetic dimensions in the domains of art and design*. Oral Talk at the Art & Perception Conference 2010, The Royal Academies for Science and the Arts of Belgium, Brussels/Belgium (24.11.-26.11.2010).

[38] **Carbon, C. C.**, Ivens, B., & Schmid, U. (2010). *Ästhetische Urteilbildung als Grundlage für Kaufentscheidungen*. Oral Talk at the 1st preliminary meeting of the DFG research priority program "New Framework of Rationality", University of Potsdam, Potsdam/Germany (7.10.-8.10.2010).

[37] **Carbon, C. C.** (2010). *On the dynamics and adaptivity of aesthetic appreciation*. Oral Talk at the 1st conference on Aesthetic Cognition and Cognitive Aesthetics, University of Regensburg, Regensburg/Germany (30.9.-2.10.2010).

[36] **Carbon, C. C.** (2010). *Congenital prosopagnosia as an indicator for face processing as a special mode of cognitive processing?* Oral Talk at the symposium Brain damage related visual impairment, Faculty of Rehabilitation Sciences, Blindness Vision Perception, Technical University Dortmund, Dortmund/Germany (9.9.2010).

[35] **Carbon, C. C.** (2010). *Wellbeing, convenience and healthmanagement regarding car interiors*. Oral Talk at the Automotive Workshop, BMW, Munich/Germany (10.06.2010).

2009

[34] **Carbon, C. C.** (2009). *Gesichtserkennung. Warum wir Experten und zugleich blutige Laien beim Erkennen von Gesichtern sind*. Oral Talk, Institute of Psychology at the University of Mainz, Mainz/Germany (2.12.2009).

[33] **Carbon, C. C.** (2009). *Warum lächelt Mona Lisa? Paradigmen zur Erforschung der Dynamik kognitiver Prozesse*. Oral Talk, Faculty of Economics at the University of Kassel, Kassel/Germany (16.7.2009).

[32] **Carbon, C. C.** (2009). *Appreciation of Design. Not easy to measure, but surely very dynamic in nature*. Oral Talk, Colloquium Research Seminar at the Department of Psychology, University of South Florida, Tampa/USA (14.5.2009).

[31] **Carbon, C. C.** (2009). *Über die Illusion, dass Menschen Experten für die Gesichtserkennung sind [On the illusion that humans are face experts]*. Oral Talk, Symposium „Wahrnehmung und Gedächtnis für Gesichter“ [Perception and Memory for faces], organized by J. M. Kaufmann and S. R. Schweinberger at the 51.Tagung experimentell arbeitender Psychologen (TEAP), Jena/Germany (29.3.2009-1.4.2009).

[30] **Carbon, C. C.** (2009). *Humans love innovations, but only after a while*. Oral Talk, Colloquium Research Seminar in Business Administration and Personal Management at the University of Applied Sciences Dresden, Dresden/Germany (10.2.2009).

[29] **Carbon, C. C.** (2009). *Humans might be experts, but not experts in identifying non-personally familiar faces*. Oral Talk, Colloquium Research Seminar in Psychology and Cognitive Neuroscience at the University of Jena, Jena/Germany (9.2.2009).

[28] **Carbon, C. C.** (2009). *Ein Programm zur experimentellen Erforschung dynamischer Effekte in der Ästhetik*. Oral Talk, Faculty of Psychology at the University of Vienna, Vienna/Austria (26.3.2009).

[27] **Carbon, C. C.** (2009). *Zur Dynamik von Kognitionen: Untersuchungen zu Prozessen der Verarbeitung komplexer Stimul*. Oral Talk, Faculty of Humanities at the Otto-Friedrich-University of Bamberg, Bamberg/Germany (23.1.2009).

2008

[26] **Carbon, C. C., Strassnig, B., Leidenfrost, B., Gomes, C., & Schabmann, A.** (2008). *Cascaded Blended Mentoring for University freshmen*. Award Ceremony for the finalists of the MedidaPrix 2008. GMW, Krems/Austria (15.9.2008).

[25] **Carbon, C. C.** (2008). *European Publication Issues from an Austrian Perspective*. Invited Talk (Workshop organized by the ZPID, Trier/Germany), ICP, Berlin/Germany (23.7.2008).

[24] **Carbon, C. C.** (2008). *Face Processing: Current fields of interest*. Symposium (Chair), ICP, Berlin/Germany (20.7.2008).

[23] **Carbon, C. C.** (2008). *Dynamic aspects of appreciation. How to predict the liking of consumer products...much better, much easier...* Invited Faculty Talk, Delft University of Technology, Faculty of Industrial Design, Delft/The Netherlands (2.6.2008).

[22] **Carbon, C. C.** (2008). *Gesichtsattraktivität und sexuelle Attraktivität im Alter (Facial Attractiveness and Sexual Desirability of elder people)*. Oral Presentation, Colloquium, Curatorium Vieneses Pensioniers, Vienna/Austria (17.4.2008).

2007

[21] **Carbon, C. C.** (2007). *The mental walls inside our brains. Mental maps distorted by social factors*. Oral Presentation, Faculty Colloquium, University of Warsaw/Poland (9.1.2007).

[20] **Carbon, C. C.** (2007). *Dynamic aspects of innovative consumer products*. Oral Presentation, Design & Emotion, Technology-Developmental Group, Fraunhofer Institute, Stuttgart/Germany (7.2.2006).

[19] **Carbon, C. C.** (2007). *Processing of identity, emotion, and gaze direction in faces (Chair: A. Schwaninger)*. Discussant, 10th Congress of the Swiss Society of Psychology. Differences, Diversity, and Change (SGP-SSP), Zurich/Switzerland (13.9.-14.9.2007).

[18] **Carbon, C. C.** (2007). *Perceived quality in the automotive industry*. Invited talk, Business Meeting FQS - Forschungsgemeinschaft Qualität e.V. (Federation for Quality Research & Science). Frankfurt am Main/Germany (11.10.2007).

2005

[17] **Carbon, C. C.** (2005). *Face representation investigated by veridicality decisions*. Oral Presentation, 8.TWK Tübinger Wahrnehmungs Konferenz (TWK), Tübingen/Germany (25.2.-27.2.2005).

[16] **Carbon, C. C.** (2005). *Processing of familiar faces*. Symposium (Organizer), 8.TWK Tübinger Wahrnehmungs Konferenz (TWK); Tübingen Perception Conference, Tübingen/Germany (25.2.-27.2.2005).

[15] **Carbon, C. C.** (2005). *Innovation in Design. The role of innovation in design appreciation*. Oral Presentation, Aesthetics Symposium, University of Vienna/Austria (18.3.2005).

2004

[14] **Carbon, C. C.** (2004). *Face Processing and the Thatcher Illusion*. Oral Presentation, University of Glasgow, Department of Psychology, Glasgow/Scotland (29.1.2004).

[13] **Carbon, C. C.** (2004). *Face Prototypes. Are they more flexible than we have thought so far?*. Oral Presentation, University of Stirling, Institute of Psychology, Stirling/Scotland (23.1.2004).

[12] **Carbon, C. C.** (2004). *Flexible and Fluid Representations of Familiar Faces*. Oral Presentation, Turing Lecture, University of Manchester, Institute of Psychology, Manchester/England (17.2.2004).

[11] **Carbon, C. C.** (2004). *Face representations*. Oral Presentation, University of Glasgow, Institute of Psychology, Glasgow/Scotland (18.2.2004).

[10] **Carbon, C. C.** (2004). *Adaptive Gesichtsrepräsentationen*. Oral Presentation, Colloquium Charité - University Medicine Benjamin Franklin, Neurophysics, Berlin/Germany (12.6.2004).

[09] **Carbon, C. C.** (2004). *Gesichtsverarbeitung (face processing)*. Symposium (Chair), 44.Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Göttingen/Germany (26.9.-30.9.2004).

[08] **Carbon, C. C., & Leder, H.** (2004). *Innovation in design-aesthetics*. Poster Presentation, 44.Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Göttingen/Germany (26.9.-30.9.2004).

[07] **Leder, H.** (2004). *Empirical Aesthetics*. Symposium (Chair held by C. C. **Carbon**, on behalf of H. Leder), 44.Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Göttingen/Germany (26.9.-30.9.2004).

[06] **Carbon, C. C.** (2004). *Gesichtsrepräsentationen. Zwischen Stabilität und Flexibilität*. Oral Presentation, Neuropsychological Colloquium, Humboldt University, Berlin/Germany (1.12.2004).

2003

[05] **Carbon, C. C.** (2003). *Leistungen beim Gesichtserkennen. Paradigmen und Effekte*. Oral Presentation, Prosopagnosie-Symposium Universitätsklinikum Benjamin Franklin, Berlin/Germany (31.10.2003).

[04] **Carbon, C. C.** (2003). *Psychologische Innovationskonzepte*. Oral Presentation, Symposium für Ästhetik und Design. Universität Wien, Wissenschaftsbereich Psychologie, Vienna/Austria (8.11.2003-10.11.2003).

[03] **Carbon, C. C., & Lueschow, A.** (2003). *From bottom-up to Top-down. Präformierung von visuellen Mustern*. Oral Presentation, Colloquium Universitätsklinikum Benjamin Franklin, Neurophysik, Berlin/Germany (15.12.2003).

2002

[02] **Carbon, C. C.** (2002). *Frühe Prozesse der Gesichtserkennung*. Oral Presentation, Psychological Colloquium of the Freie Universität Berlin, Berlin/Germany (9.7.2002).

[01] **Carbon, C. C.** (2002). *Neue Paradigmen aus der Gesichtsforschung: Impulse zur Analyse von Prozessabläufen*. Oral Presentation, Sommerschule der Berliner psychologischen Institute zu Kognitions- und Neurowissenschaft, Chorin/Germany (19.7.-20.7.2002).

Public Symposiums (KinderUni etc.)

2025

[04] Schwappach, D., & **Carbon**, C. C. (2025). Aktive Gestaltung regionaler Innovations- und Wirtschaftsökosysteme am Beispiel von grünem Wasserstoff für eine erfolgreiche Energiewende in Oberfranken. Public lecture in the TAO-Ringvorlesung with the theme "Energiezukunft Oberfranken – Regional, innovativ, wirtschaftlich", University of Bamberg, Germany. (06/2025).

2024

[03] **Carbon**, C. C. (2024). Wissenschaft für Alle? Podcasts und deren Eigenarten, Chancen und Herausforderungen via TRAc-Online-Plattform zum Thema Wissenschaftskommunikation, University of Bamberg, Germany. (27.06.2024).

2023

[02] Pastukhov, A., & **Carbon**, C. C. (2023). *Den Sinnen auf der Spur*. KinderUni, Bamberg, Germany. (11.11.2023).

2013

[01] **Carbon**, C. C. (2013). *Wahrnehmung—was ist das?* KinderUni, Bamberg, Germany. (01.11.2013).

Contact information

University of Bamberg

Department of General Psychology and Methodology

Professor Claus-Christian Carbon, PhD

Head of Department

University of Bamberg, D-96047 Bamberg, Germany

Research Group Ergonomics, Psychological Aesthetics, Gestalt (EPÆG)

Head of EPÆG

Bamberg Graduate School of Affective and Cognitive Sciences (BaGrACS)

<https://www.uni-bamberg.de/BaGrACS/>

Founder and Head of School

European Academy of Sciences and Arts

Ordinary member

<https://euro-acad.eu/>

Editor-in-Chiefship

<https://brill.com/view/journals/artp/artp-overview.xml>

Email and Websites

email: ccc@uni-bamberg.de

<https://www.uni-bamberg.de/en/allgpsych/>

<https://www.uni-bamberg.de/en/huwi/peopleinstitutions/dekanat/>

<https://www.epaeg.de/>

<https://www.experimental-psychology.de/>

<https://scholar.google.de/citations?hl=en&user=RfizTekAAAAJ>

<https://www.researchgate.net/profile/Claus-Christian-Carbon>



Lehrstuhl für
Allgemeine Psychologie
und Methodenlehre

Otto-Friedrich-
Universität Bamberg



forschungsgruppe
EPAEG
Ergonomie
Psychologische
Zeichnung
Gestaltung



Bamberg
Graduate School
Affective Cognitive Sciences