

DR. CHRISTOPHER B. GERMANN

Ph.D., M.Sc., B.Sc.

Marie Curie Alumnus¹

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Microsoft Academic

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Education

2014-19 MARIE CURIE RESEARCH FELLOW (European Union 7th framework CogNovo programme)²
Ph.D. in Psychology, University of Plymouth (Secondment at Manipal University Jaipur, India)

2010 UNIVERSITY OF PLYMOUTH (United Kingdom)
Master of Science (M.Sc.) in Psychological Research Methods (with distinction/summa cum laude)

2009 FREE UNIVERSITY OF AMSTERDAM (Netherlands)
Bachelor of Science (B.Sc.) in Psychology

Dissertations/Theses

- Irrational decisions: Psychophysical noncommutativity in sequential perceptual judgements (Ph.D. thesis – Supervised by Prof. Chris Harris, University of Plymouth)
<https://christopher-germann.de/phd-thesis/>
<https://cognovo.eu/projects/irrationality-decision-making.php>
- Dual-process theory: The role of executive functions in syllogistic inference (M.Sc. thesis – Supervised by Prof. Simon Handley, University of Plymouth)
<https://christopher-germann.de/master-thesis/>
- Affective embodied cognition: Conceptual metaphors and the neuro-cognitive representation of emotions (B.Sc. thesis – Supervised by Dr. Karen Mortier, Free University of Amsterdam)
<https://christopher-germann.de/bachelor-thesis/>

Peer-reviewed publications

- Germann, C. B. (2019). 5-Methoxy-N,N-dimethyltryptamine: An Ego-Dissolving Endogenous Neurochemical Catalyst of Creativity. *Activitas Nervosa Superior*, 61(4), 170–216. <https://doi.org/10.1007/s41470-019-00063-y>
- Germann, C. B. (2020). The Psilocybin-Telomere Hypothesis: An empirically falsifiable prediction concerning the beneficial neuropsychopharmacological effects of psilocybin on genetic aging. *Medical Hypotheses*, 134, 109406. <https://doi.org/10.1016/j.mehy.2019.109406>
*Associated Infographic: <https://psilocybin-research.com/psilocybin-telomere-hypothesis-sma/>

Book reviews

- Germann, C. B. (2015). Einstein and the Quantum: The Quest of the Valiant Swabian. *Leonardo*, 48(2), 208–209. https://www.mitpressjournals.org/doi/abs/10.1162/LEON_r_00994
<https://christopher-germann.de/einstein-and-the-quantum-the-quest-of-the-valiant-swabian/>
- Germann, C. B. (2015). The Cosmic Cocktail: Three Parts Dark Matter. *Leonardo online*.
https://www.leonardo.info/reviews_archive/mar2015/freese-germann.php
<https://christopher-germann.de/the-cosmic-cocktail-three-parts-dark-matter/>

¹The Marie Curie Alumni Association (MCAA) is a global network of researchers who have benefitted from a Marie Skłodowska-Curie Action under the "Excellent Science" pillar of EU's Horizon 2020 programme for research). For more information see: <https://christopher-germann.marie-curie-alumni.eu>

²CogNovo was an innovative EU-funded doctoral programme that was radically interdisciplinary and international, providing an environment for 25 PhD students from around the world and ≈ 50 supervisors and partners from academia and industry to combine methodologies and research questions from disciplines such as neuroscience, AI, robotics, computer science, psychology, linguistics, humanities, and the arts. For more information see: <https://www.cognovo.eu/about/>

Conference proceedings, Presentations & Symposia

- Transcending academic and epistemic boundaries: Psychoactive tryptamines and the frontiers of human exploration
Germann, C. B., Denham, S., Punt, M., Doove, E., Blassnigg, M., Briazu, R., Francis, K., . . . Sweeting, J. (2016). OFF THE LIP Conference - Transdisciplinary Approaches to Cognitive Innovation. Conference Proceedings <https://pearl.plymouth.ac.uk/handle/10026.1/4271>
Fulltext in HTML: <https://christopher-germann.de/transcending-academic-and-epistemic-boundaries-psychoactive-tryptamines-and-the-frontiers-of-human-exploration/>
- Dimensions of epistemology and ontology: A multidisciplinary dual-aspect monism perspective on psychophysics
<https://cognitive-liberty.online/mobius-animation/>
<https://cognitive-liberty.online/moebius-band/>
- The neurochemistry of altruism: A cognitive neuroscience perspective on the interpersonal dimension of psilocybin. Cognition Institute Conference, University of Plymouth (2018)
<https://christopher-germann.de/the-neurochemistry-of-altruism/>
- Talk on "The effects of ego depletion on belief bias" at the 'Thinking & Reasoning Conference' at the University of Plymouth (2010)
<https://christopher-germann.de/wp-content/uploads/The-effects-of-ego-depletion-on-belief-bias.pdf>
<https://christopher-germann.de/belief-bias-in-sylogistic-reasoning/>
- Transpersonal neurochemistry: A proposal for a novel interdisciplinary addiction treatment approach
<https://christopher-germann.de/transpersonal-neurochemistry-a-proposal-for-a-novel-treatment-of-addiction/>
<https://www.plymouth.ac.uk/cognition-conference>
- Sôritês paradoxon, contextualism & borderline vagueness: A quantum cognition approach
<https://christopher-germann.de/sorites-paradoxon-contextualism-borderline-vagueness/>

Video & audio lectures

- Presentation on "Quantum cognition and non-classical probability in visual perception", CogNovo, University of Plymouth, UK
<https://christopher-germann.de/lecture-on-quantum-cognition-cognovo-university-of-plymouth/>
- Speaker @ SCIENCE AND NONDUALITY (SAND) conference in California, USA
MP4-file download: <https://christopher-germann.de/wp-content/uploads/science-and-nonduality-2016-presentation-on-quantum-cognition-in-visual-perception-christopher-b-germann.mp4>
Alternative URL: <https://www.scienceandnonduality.com/audio/sand16-visual-decision-making-a-quantum-cognition-perspective>
- Workshop on statistical research methods: The paralogisms of institutionalised null hypothesis significance testing (Fisher vs. Neyman-Pearson), University of Plymouth, UK
<https://www.youtube.com/watch?v=wOYgQzCLiBQ&t=3195s>

Podcasts & Interviews

- Podcast with former NASA director Prof. Roger Malina @ CreativeDisturbance.org:
Animated HTML5 version: <https://christopher-germann.de/cognitive-neuroscience-podcast-on-quantum-cognition-and-dmt/>
Alternative URL: <https://createdisturbance.org/podcast/from-quantum-cognition-and-decision-making-to-the-role-of-dmt-in-the-brain/>
- 'Radio CogNovia' interview: Inattentive blindness in visual and auditory perception
<https://www.mixcloud.com/radiocognovia/2015-01-30-radio-cognovia-christopher-b-germann-interview/>
*Associated web-based experiment: <https://christopher-germann.de/web-based-auditory-experiment/>

Editorial & reviewing activities

- Leonardo (MIT Press)
<https://www.mitpressjournals.org/loi/leon>
- OffTheLip conference (2015-2018; CogNovo)
<https://otlip20.cognovo.org>

Academic teaching

- Part-time lecturer in cognitive psychology at the University of Plymouth (UK)

Academic references

Dr. Giorgio Ganis

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Prof. Simon Handley

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<https://researchers.mq.edu.au/en/persons/simon-handley>

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