

## Publications

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### Overview

- 39 articles in international journals with peer review
  - 16 first-authorships (6 shared) accumulated JIF: 169.472
  - 12 co-authorships accumulated JIF: 53.402
  - 11 last-authorships (2 shared) accumulated JIF: 61.427
  - accumulated JIF: 49.864
- Publication measures (according to scholar.google 01/2024):
  - 1235 citations
  - 19 h-Index
  - 25 i10-index
- 2 preprints
- 2 book chapter
- > 40 conference posters
- > 25 talks

### Preprints

2. **Schmidt TT**, Costines C, Tagliazucchi, Millier R, 'El Gato y La Caja'-team (2023) *The 'Altered Experience Project' (AXP) dataset: Psychometric and structured open response data from a citizen science initiative on the subjective experiences of altered states of consciousness.* PsyArXiv
1. Peters M, Prugger J, Dimkov P, **Schmidt TT** (2023) *Update of the Altered States Database (ASDB): 2022-12-31.* PsyArXiv, <https://psyarxiv.com/wdfhg/>

### Peer-reviewed Journal Articles

	JIF
<b>2024</b>	
39. Montgomery C, Amaya IA, <b>Schmidt TT</b> (2023) Flicker light stimulation enhances the emotional response to music: A comparison study to the effects of psychedelics. <i>Frontiers in Psychology   Consciousness Research</i>	<b>3.800</b>
<b>2023</b>	
38. Grundei M*, <b>Schmidt TT*</b> , Blankenburg F (2023) <i>A multimodal cortical network of sensory expectation violation revealed by fMRI.</i> <i>Human Brain Mapping</i> 44 (17), 5871-5891. doi.org/10.1002/hbm.26482	<b>4.421</b>
37. Amaya IA, Schmidt ME, Bartossek MT, Kemmerer J, Kirilina E, Nierhaus T, <b>Schmidt TT</b> (2023) Flicker light stimulation induces thalamocortical hyperconnectivity with LGN and higher-order thalamic nuclei. <i>Imaging Neuroscience</i> 1, 1-20. doi.org/10.1162/imag_a_00033	<b>*5.902</b>
36. Evens R, Schmidt ME, Majic T*, <b>Schmidt TT*</b> (2023) <i>The psychedelic afterglow phenomenon: A systematic review of subacute effects of classical psychedelics.</i> <i>Journal of Psychopharmacology.</i> 13 doi.org/10.1177/20451253231172254	<b>4.562</b>
35. Amaya IA, Behrens N, Schwartzman DJ, Hewitt T, <b>Schmidt TT</b> (2023) Effect of frequency and rhythmicity on flicker—induced hallucinatory phenomena. <i>PLoS One</i> 18(4):e0284271.	<b>2.740</b>
34. Hirschfeld T*, Prugger J*, Majic T, <b>Schmidt TT</b> (2023) <i>Dose-response relationships of LSD-induced subjective experiences in humans.</i> <i>Neuropsychopharmacology</i> , 1-10	<b>8.294</b>
33. Nierhaus T*, Wesolek S*, Pack D, Witt CM, Blankenburg F*, <b>Schmidt TT*</b> (2023) <i>Content representation of tactile mental imagery in primary somatosensory cortex.</i> <i>eNeuro.</i>	<b>4.363</b>
<b>2022</b>	
32. Prugger J, Derkiyok E, Dinkelacker J, Costines C, <b>Schmidt TT</b> (2022) <i>The Altered States Database: Psychometric Data from a Systematic Literature Research.</i> <i>Scientific Data</i> 9(1):720	<b>8.501</b>
31. Wozniak M*, <b>Schmidt TT*</b> , Wu Y, Blankenburg F, Hohwy J (2022) <i>Differences in working memory coding of biological motion attributed to oneself and others.</i> <i>Human Brain Mapping</i> 43 (12): 3721-34.	<b>4.421</b>

30. Fourcade A, **Schmidt TT**, Nierhaus T, Blankenburg F (2022) *Enhanced processing of aversive stimuli on embodied artificial limbs by the human amygdala*. *Scientific Reports* 12 (1): 1-11. **3.998**
29. Dworatzky K, Jansen T, **Schmidt TT** (2022) *Phenomenological assessment of psychedelic induced experiences: Translation and validation of the German Challenging Experience Questionnaire (CEQ) and Ego-Dissolution Inventory (EDI)*. *Plos One* 17 (3): e0264927 **2.740**
- 2021**
28. Bartossek MT, Kemmerer J, **Schmidt TT** (2021) *Altered states phenomena induced by visual flicker light stimulation*. *Plos One* 16 (7): e0253779 **2.740**
27. Pennock IML\*, **Schmidt TT\***, Zorbek D, Blankenburg F (2021) *Representation of visual numerosity information during working memory in humans: An fMRI decoding study*. *Human Brain Mapping*, 42(9): 2778-89 **4.421**
26. Majić T, Sauter M, Bermpohl F, **Schmidt TT** (2021) *Connected to the spirit of the frog: An internet-based survey on the subjective effects of Kambo, the secretion from phyllomedusa bicolor*. *Journal of Psychopharmacology* 35(4): 421-436 **3.121**
25. Hirschfeld T, **Schmidt TT** (2021) *Dose-response relationships of psilocybin-induced subjective experiences in humans*. *Journal of Psychopharmacology*. 35(4): 384-397. **3.121**
- 2020**
24. **Schmidt TT**, Reiche S, Hage CLC, Bermpohl F, Majić T (2020) *Acute and subacute psychoactive effects of Kambo, the secretion of the Amazonian Giant Maki Frog (Phyllomedusa bicolor): retrospective reports*. *Scientific Reports* 10: 21544. **3.998**
23. **Schmidt TT**, Jagannathan N, Ljubljana M, Xavier A, Nierhaus T (2020) *The multimodal Ganzfeld-induced altered state of consciousness induces decreased thalamo-cortical coupling*. *Scientific Reports* 10:18686. **3.998**
22. **Schmidt TT**, Schröder P, Reinhardt P, Blankenburg F (2020): *Rehearsal of tactile working memory: Premotor cortex recruits two dissociable neural content representations*. *Human Brain Mapping*. 42(1): 245-258 **4.421**
21. Velenosi LA, Wu YH, **Schmidt TT**, Blankenburg F (2020) *Intraparietal sulcus maintains working memory representations of somatosensory categories in an adaptive, context-dependent manner*. *NeuroImage*, 221: 11746 **5.902**
20. Uluc I, Velenosi LA, **Schmidt TT**, Blankenburg F (2020) *Parametric representation of tactile numerosity stimuli in working memory*. *eNeuro*, ENEURO.0090-19.2019 **3.544**
- 2019**
19. Schröder P, **Schmidt TT**, Blankenburg F (2019) *Neural basis of somatosensory target detection independent of uncertainty, relevance, and reports*. *Elife* 8 pii: e43410. **7.080**
18. **Schmidt TT**, Blankenburg F (2019): *The somatotopy of tactile mental imagery*. *Frontiers in Human Neuroscience*. 13: 10. **2.673**
17. **Schmidt TT\***, McCormick Miller N\*, Blankenburg F, Pulvermüller F (2019) *Neural correlates of label facilitated tactile perception*. *Scientific Reports*. 9(1): 1606. **3.998**
16. **Schmidt TT**, Prein JC (2019) *The Ganzfeld experiences - A stably inducible altered state of consciousness: Effects of different auditory homogenizations*. *PsyCh* 8(1): 66-81. **0.785**
- 2018**
15. Uluc I, **Schmidt TT**, Wu YH, Blankenburg F (2018) *Content-specific codes of parametric auditory working memory in humans*. *NeuroImage*. 183: 254-262. **5.902**
14. **Schmidt TT**, Berkemeyer H (2018) *The Altered States Database: Psychometric data on altered states of consciousness*. *Frontiers in Psychology*. 9: 1028. **2.067**
13. **Schmidt TT**, Blankenburg F (2018) *Brain regions that retain the spatial layout of tactile stimuli during working memory – A ‘tactospatial sketchpad’?* *NeuroImage* 178: 531-539. **5.902**

## 2017

12. McCormick Miller N\*, **Schmidt TT\***, Blankenburg F, Pulvermüller F (2017) *Verbal labels facilitate tactile perception*. *Cognition* 171: 172-179. **3.294**
11. Wu, YH\*, Uluc I\*, **Schmidt TT**, Tertel K, Kirilina E, Blankenburg F (2017): *Overlapping frontoparietal networks for tactile and visual parametric working memory representations*. *NeuroImage* 166: 325-334. **5.902**
10. **Schmidt TT**, Wu YH, Blankenburg F (2017): *Content-specific codes of parametric vibrotactile working memory in humans*. *Journal of Neuroscience* 37(40):9771-9777. **5.647**
9. Majić T, Jungaberle H, **Schmidt TT**, Zeuch A, Hermle L, Gallinat J (2017): *Psychotherapie mit adjuvanter Gabe von serotonergen psychoaktiven Substanzen – Möglichkeiten und Hindernisse / Psychotherapy with an adjuvant use of serotonergic psychoactive substances – possibilities and challenges*. *Fortschr Neurol Psychiatr* 85(07):383-392. **0.642**

## 2016

8. Stuke H, Gutwinski S, Wiers C, **Schmidt TT**, Gröpper S, Parnack J, Gawron C, Hindi Attar C, Spengler S, Walter H, Heinz A, Bermpohl F (2016): *To drink or not to drink: Harmful drinking is associated with hyperactivation of reward areas rather than hypoactivation of control areas in men*. *Journal of Psychiatry & Neuroscience* 41(3): E24-36. **4.382**

## 2015

7. Majić T\*, **Schmidt TT\***, Gallinat J (2015): *Peak experiences and the after-glow phenomenon: When and how do therapeutic effects of hallucinogens depend on psychedelic experiences?* *Journal of Psychopharmacology* (3): 1-13 **3.121**

## 2014

6. **Schmidt TT**, Ostwald D, Blankenburg F (2014): *Imaging tactile imagery: Changes in brain connectivity support perceptual grounding of mental images in primary sensory cortices*. *NeuroImage* 98: 216-224 **5.902**

## 2013

5. Rea E, Rummel J, **Schmidt TT**, Hadar R, Heinz A, Mathe AA, Winter C (2013): *Anti-anhedonic effect of deep brain stimulation of the prefrontal cortex and the dopaminergic reward system in a genetic rat model of depression: An intracranial self-stimulation paradigm study*. *Brain Stimulation* 7(1): 21-28 **6.565**
4. Spitzer B, Gloel M, **Schmidt TT**, Blankenburg F (2013): *Working memory coding of analog stimulus properties in the human prefrontal cortex*. *Cerebral Cortex*, 24(8): 2229-2236 **5.043**

## 2012

3. **Schmidt TT**, Rea E, Klein J, Panagis G, Winter C (2012): *Enhanced reward-facilitating effects of d-amphetamine in rats in the quinpirole model of obsessive-compulsive disorder*. *Int J Neuropsychopharmacol*, 16(5): 1083-91 **4.333**
2. Klein J, Hadar R, Männer A, Eberhardt C, Baldassarri J, **Schmidt TT**, Kupsch A, Heinz A, Morgenstern R, Schneider M, Weiner I, Winter C (2012) *Mapping brain regions in which deep brain stimulation affects schizophrenia-like behavior in two rat models of schizophrenia*. *Brain Stimulation*, 6(4): 490-499 **6.565**
1. Ostwald D, Spitzer B, Guggenmos M, **Schmidt TT**, Kiebel S, Blankenburg F (2012) *Evidence for neural encoding of Bayesian surprise in human somatosensation*. *NeuroImage*, 62(1): 177-88 **5.902**

\* the JIF of NeuroImage has been assigned, as Imaging Neuroscience does not have an JIF yet.

## Talks

26. **Schmidt TT** (2024-02-08): The empirical study of altered states of consciousness to identify relevant neural correlates of consciousness, University Sussex, Great Britain.
24. Costines C & **Schmidt TT** (2023-11-28): Phänomenomik: Induktion veränderten Erlebens als Werkzeug der Bewusstseinsforschung, Institut für Grenzgebiete der Psychologie, University of Greifswald
23. **Schmidt TT** (2023-03-06): The empirical study of altered states of consciousness to identify relevant neural correlates of consciousness, Colloquium of the GIGA Cyclotron, University de Liege, Belgium.
22. **Schmidt TT** (2022-11-28): The study of altered states of consciousness as basic research into consciousness mechanisms, Colloquium of the Center for Mind, Brain and Behavior (CBB), Marburg University.
21. **Schmidt TT** (2022-11-01): Consciousness Research in Cognitive Neuroscience, BLISS Meeting, Berlin.
20. **Schmidt TT** (2022-10-10): Electroencephalography (EEG) and functional Magnetic Resonance Imaging (fMRI) research on mental imagery and working memory, Brain Mind and Learning Research and Development Unit (BMLRU), Burapha University, Thailand.
19. **Schmidt TT** (2022-07-07): The empirical study of altered states of consciousness to identify relevant neural correlates of consciousness, Colloquium of the Department of Psychology, Leiden Universiteit, Netherlands.
18. **Schmidt TT** (2022-02-16): Altered States – Veränderte Wachbewusstseinszustände in der Neurowissenschaft, Lübeck University
17. **Schmidt TT** (2021-09): Meta-analytic comparison of resting-state fMRI data from pharmacologically and non-pharmacologically induced altered states of consciousness, INSIGHT conference, Berlin, Germany
16. **Schmidt TT** & Costines C (2021) Phenomenoconnectomics: Mapping the Phenomenal State Space, Symposium on Extrospection. External access to higher cognitive processes, Mind and Brain School Berlin, Germany
15. **Schmidt TT** (2021-03-14): Maintenance of abstract quantity information and tactile rehearsal, TeaP@home 2021, Ulm.
14. **Schmidt TT** (2020-06-04): fMRI resting-state studies of altered states of consciousness, Interpsy Laboratory, University Lorraine.
13. **Schmidt TT** (2020-02-06): fMRI resting-state studies of altered states of consciousness, Humboldt Universität Berlin, Berlin School of Mind and Brain, Cognition in neurological disorders group, Berlin.
12. **Schmidt TT** (2020-01-09): Wie fühlt sich ein LSD-Trip an? Oder: Die systematische Untersuchung veränderter Bewusstseinszustände, Neujahrsempfang „Wissenschaft für Alle“, Max-Planck-Institut für Infektionsbiologie, Berlin.
11. **Schmidt TT** (2019-09-08): *Neuronal correlates of flicker induced altered states of consciousness*, 2<sup>nd</sup> Congress Light Attendance GmbH, Innsbruck, Austria.
10. **Schmidt TT** (2019-08-26): *Tactile mental representations*, Einstein-Zirkel bod-y-motion, Universität der Künste (UdK), Berlin.
9. **Schmidt TT** (2019-06-26): *Hallucinations with decreased thalamo-cortical coupling: The multimodal Ganzfeld-induced altered state of consciousness*, 23. Meeting of the Association of the Scientific Study of Consciousness (ASSC), London Ontario, Canada.
8. **Schmidt TT** (2019-04-11): *The maintenance of tactile mental representations during working memory and mental imagery*. Institut für Psychologie, Universität Wien, Austria.
7. **Schmidt TT** (2019-03-19): *Attentional refreshing (aka 'rehearsal') of tactile working memory*. Mind Brain Body Symposium (MBB2019), Berlin, Germany.
6. **Schmidt TT** (2019-03-14): *Experimentell veränderte Bewusstseinszustände: Neuronale Korrelate und Bezug zu Psychopathologien*. Institut für Grenzgebiete der Psychologie und Psychohygiene (IGPP), Freiburg, Germany.
5. **Schmidt TT** (2019-06-02): *Common structures of altered states experiences*, Paradigm Lost Symposium, Amsterdam Psychedelic Research Association, Amsterdam, Netherlands.
4. **Schmidt TT** (2019-11-07): *Tactile fMRI decoding studies inspire a predictive coding model of working memory*. Max Planck Institute for Human Cognition and Neuroscience, Leipzig, Germany.
3. **Schmidt TT** (2019-09-08): *Phenomenoconnectomics*. #DrugScience2017 Conference, Charité, Berlin, Germany.
2. **Schmidt TT** (2019-07-01): *Phenomenoconnectomics and the Altered States Database*. Breaking Convention Conference, Oxford University, London, UK.
1. **Schmidt TT** (2019-06-04): *Phenomenoconnectomics: Big data on altered states of consciousness*. Interdisciplinary Conference for Psychedelic Research 2016, Amsterdam, Netherlands.

## Conference Abstracts / Posters

44. **Schmidt TT**, Amaya A, Kemmerer J, Bartossek M, Kirilina E, Nierhaus T (2023) *Altered Thalamocortical Connectivity induced by Flicker Light Stimulation*, 10. Mind Brain Body Symposium, Berlin, Germany.
43. Costines C, **Schmidt TT** (2023) *Exploring Altered States of Consciousness: A Pilot Study of Phenomenomics Using Citizen Science*, 10. Mind Brain Body Symposium, Berlin, Germany.
42. Caccialupi G, **Schmidt TT**, Nierhaus T, Wesolek S, Blankenburg F (2023) *Parametric Working Memory Coding During Motor Preparation*, 10. Mind Brain Body Symposium, Berlin, Germany.
41. Grundei M, **Schmidt TT**, Blankenburg F (2023) *A multimodal cortical network of sensory expectation violation revealed by fMRI*, 10. Mind Brain Body Symposium, Berlin, Germany.
40. **Schmidt TT** (2022) *Cross-study comparison of resting-state fMRI altered states of consciousness dataset: Establishing relationships between connectivity changes and phenomenology*, 26. Meeting of the Association of the Scientific Study of Consciousness (ASSC), Amsterdam, Netherlands.
39. Costines C, **Schmidt TT** (2022) *A Specification of the Consciousness State-Space: Let's Split it!* 26. Meeting of the Association of the Scientific Study of Consciousness (ASSC), Amsterdam, Netherlands.
38. **Schmidt TT** (2020) *The altered state of consciousness induced by flicker light stimulation: A standardized assessment*, Mind Brain Body Symposium, Berlin, Germany.
37. Bartossek M, Kemmerer J, **Schmidt TT** (2020) *The altered state of consciousness induced by flicker light stimulation: A standardized assessment*, Mind Brain Body Symposium, Berlin, Germany.
36. **Schmidt TT**, Kemmerer J, Bartossek M, Nierhaus T (2020) *Non-pharmacological modulation of cortico-thalamo-cortical feedback loops: An fMRI study on altered states induced by flicker light stimulation*, 24. Meeting of the Association of the Scientific Study of Consciousness (ASSC), Krakow, Poland.
35. **Schmidt TT** (2020) *fMRI studies of non-pharmacologically induced altered states of consciousness: A comparison of Ganzfeld and Visual Flicker induced states*, International conference on psychedelic research (ICPR), Amsterdam, Netherlands (online)
34. Hirschfeld T, **Schmidt TT** (2020) *How it feels to be on: Psilocybin, LSD, DMT*, International conference on psychedelic research (ICPR), Amsterdam, Netherlands (online)
33. **Schmidt TT**, Jagannathan N, Ljubljanac M, Xavier A, Nierhaus T (2019) *Hallucinations with decreased thalamo-cortical coupling: The multimodal Ganzfeld-induced altered state of consciousness*, 23. Meeting of the Association of the Scientific Study of Consciousness (ASSC), London Ontario, Canada.
32. **Schmidt TT**, Schröder P, Reinhardt P, Blankenburg F (2019) *Rehearsal of tactile working memory*, OHBM2019, Rome, Italy.
31. Schröder PK, **Schmidt TT**, Blankenburg F (2018) *From local interactions to frontoparietal networks: model-based fMRI dissociates somatosensory awareness from perceptual uncertainty, response selection, and motor planning*. Psychologie und Gehirn 2018, Gießen, Germany.
30. Schröder PK, **Schmidt TT**, Blankenburg F (2018) *From local interactions to frontoparietal networks: model-based fMRI dissociates somatosensory awareness from perceptual uncertainty, response selection, and motor planning*. ASSC 2018, Krakau, Poland.
29. Schröder PK, **Schmidt TT**, Blankenburg F (2018) *Neural basis of target detection: dissociating somatosensory awareness from perceptual uncertainty, response selection, and motor planning*. SAMBA 2018, Salzburg, Austria.
28. Uluc I, **Schmidt TT**, Wu YH, Blankenburg F (2018) *Frequency-Specific Codes of Auditory Working Memory in Humans*, SAMBA 2018, Salzburg, Austria.
27. Velenosi LA, Wu YH, **Schmidt TT**, Blankenburg F (2018) *fMRI decoding of working memory representations of individual and grouped tactile stimuli*, SAMBA 2018, Salzburg, Austria.
26. Velenosi LA, Wu YH, **Schmidt TT**, Blankenburg F (2018) *Decoding working memory representations of individual and grouped tactile stimuli*, OHBM 2018, Singapore.
25. **Schmidt TT**, Blankenburg F (2018) *The tactsopatial sketchpad*, OHBM 2018, Singapore.
24. Jagannathan N, Ljubljanac M, Nierhaus T, **Schmidt TT** (2017) *The Ganzfeld experience: Characterizing multimodal integration failure using resting-state fMRI*, Neuroscience 2017, Washington, USA.
23. Schwartz J, Scott R, Kebiri H, Hayden DJ, Agyei D, Gutknecht A, **Schmidt TT** (2017) *How does it feel to be on Salvinorin A?*, #DrugScience2017, Charité Berlin, Germany.
22. Gutknecht A, Nierhaus L, Beerling F, **Schmidt TT** (2017) *Meta-analyses of dose-response relationships using the Altered States Database*, #DrugScience2017, Charité Berlin, Germany.

21. Mukhina A, Schreiber F, Schruppf J, Ortlieb M, Prien M, Berkemeyer H, **Schmidt TT** (2017) *The Altered States Database – communicating DrugScience to the public*. #DrugScience2017, Charité Berlin, Germany.
20. Ziegler F, Räuker M, Radovic T, **Schmidt TT** (2017) *Altered states of consciousness as an experimental tool for neuroscience*. #DrugScience2017, Charité Berlin, Germany.
19. Ljubicjanac M, Jagannathan N, Xavier A, Nierhaus T, **Schmidt TT** (2017) *The Ganzfeld experience: A non-pharmacologically induced altered state of consciousness investigated with fMRI*. #DrugScience2017, Charité Berlin, Germany
18. Dworatzky K, Jansen T, **Schmidt TT** (2017) *Translation and Validation of the German Ego-Dissolution Inventory (EDI) and the German Challenging Experience Questionnaire (CEQ)*. #DrugScience2017, Charité Berlin, Germany.
17. **Schmidt TT**, Blankenburg F (2017) *Maintenance of sensory and abstract Information in the somatosensory modality – A predictive coding account of working memory*. OCCAM, Osnabrück, Germany.
16. Schröder PK, **Schmidt TT**, Blankenburg F (2017) *Recurrent processing supports perceptual awareness: An fMRI study on somatosensory target detection*. OHBM: Organization of Human Brain Mapping, Vancouver, Canada.
15. Wu YH, Uluc I, **Schmidt TT**, Blankenburg F (2017) *A common frontoparietal network for tactile and visual parametric working memory representations*. OHBM: Organization of Human Brain Mapping, Vancouver, Canada.
14. **Schmidt TT** (2017) *Identifying common structures of altered states experiences by meta-analysis of questionnaire data*. 21<sup>st</sup> annual meeting of the Association for the Scientific Study of Consciousness (ASSC): Beijing, China.
13. McCormick Miller N, **Schmidt TT**, Blankenburg F, Pulvermüller F (2017) *Language facilitates tactile discrimination*. CNS: Cognitive Neuroscience Society, San Francisco, USA.
12. **Schmidt TT** (2016): *Phenomenoconnectomics*. Neuroscience 2016 - SfN, San Diego, USA.
11. **Schmidt TT**, Blankenburg F (2016): *The left premotor cortex is involved in the updating of pictorial and abstract working memory*. OHBM: Organization of Human Brain Mapping, Geneva, Switzerland.
10. Garita Figueiredo R, Berkemeyer H, Dworatzky K, **Schmidt TT** (2016): *Building a unifying database to enable flexible meta-analyses of data on altered states of consciousness*. ICPR: Interdisciplinary Conference on Psychedelic Research, Amsterdam, Netherlands.
9. Jagannathan N, Räuker M, Vargas C, **Schmidt TT** (2016): *Taxonomization of Experimental Induction Methods for Altered States of Consciousness*. ICPR: Interdisciplinary Conference on Psychedelic Research, Amsterdam, Netherlands.
8. Velenosi LA\*, **Schmidt TT\***, Blankenburg F (2016): *Neural representations of spatial layout across mental transformation – a tactile fMRI study*. CNS: Cognitive Neuroscience Society, New York, USA.
7. McCormick Miller T\*, **Schmidt TT\***, Blankenburg F, Pulvermüller F (2016): *Language facilitates tactile perception*. CNS: Cognitive Neuroscience Society, New York, USA.
6. **Schmidt TT**, Wu Y.H., Blankenburg F (2015): *PFC maintains abstract quantitative but not spatial tactile stimulus features during working memory*. Annual Meeting of the Organization for Human Brain Mapping (OHBM 2015), Honolulu, Hawaii, USA
5. **Schmidt TT**, Wu Y.H., Blankenburg F (2015): *The somatotopy of mental tactile images*. Berlin Brain Days (BBD 2015), Berlin, Germany.
4. **Schmidt TT**, Wu Y.H., Blankenburg F (2015): *The somatotopy of mental tactile images*. Cognitive Neuroscience Society (CNS 2015), New York, USA.
3. Rea E, Rummel J, **Schmidt TT**, Heinz A, Mathe AA, Winter C (2014): *Deep brain stimulation of the prefrontal cortex decreases depression-like behavior in a genetic rat model of depression*. SOBP
2. **Schmidt TT**, Ostwald D, Blankenburg F (2014): *Imaging tactile imagery*. OHBM: Organization for Human Brain Mapping, Seattle, USA.
1. **Schmidt TT**, Klein J, Panagis G, Winter C (2013): *The influence of Dopaminergic Dysregulations on Brain Stimulation Reward*. SfN: Society for Neuroscience, Washington, USA.

## Workshops

4. **Schmidt TT (2019) 3h Tutorial:** *The empirical study of altered states of consciousness: Common standards in the psychometric assessment of subjective experiences.* 23<sup>rd</sup> Annual meeting of the Association for the Scientific Study of Consciousness (ASSC): London, Ontario, Canada.
3. **Schmidt TT (2018) 3h Tutorial:** *The empirical study of altered states of consciousness: Common standards in the psychometric assessment of subjective experiences.* 22<sup>nd</sup> Annual meeting of the Association for the Scientific Study of Consciousness (ASSC): Krakow, Poland.
2. **Schmidt TT (2017) 3h Workshop:** *The empirical study of altered states of consciousness: Common standards in the psychometric assessment of subjective experiences.* #DrugScience2017, Charité, Berlin, Germany
1. **Schmidt TT (2017) 3h Tutorial:** *The empirical study of altered states of consciousness: Common standards in the psychometric assessment of subjective experiences.* 21<sup>st</sup> Annual meeting of the Association for the Scientific Study of Consciousness (ASSC): Beijing, China.

## Book Chapter

2. **Schmidt TT, Majić T (2016):** *Empirische Untersuchung veränderter Bewusstseinszustände: Definition, Quantifizierung und Forschungsperspektiven.* Handbuch Psychoaktiver Substanzen, Springer Verlag
1. **Majić T, Schmidt TT, Hermle L (2016):** *Flashbacks und anhaltende Wahrnehmungsstörungen nach Einnahme von serotonergen Halluzinogenen.* Handbuch Psychoaktiver Substanzen, Springer Verlag

## Open Data

In Zusammenarbeit mit Cognitive Science MSc Studierenden, und durch eine Open Science Förderung von Wikimedia konnte ich ein elementares Datenbank-Projekt realisieren. Die *Altered States Database* enthält psychometrische Daten (extrahiert aus MEDLINE-gelisteten Journalen) über das Erleben von veränderten Bewusstseinszuständen, die durch diverse Induktionsmethoden (z. B. Yoga, Meditation, LSD, Cannabis etc.) hervorgerufen wurden (N=315 Datensätze; N=2168 Datenpunkte; N=52 Induktionsmethoden).

*Website:* [www.asdb.info](http://www.asdb.info) (Traffic: >150.000 visitors, >380.000 visits)

*Daten verfügbar auf OSF:* Schmidt TT (2017), <https://osf.io/8mbru/>, doi 10.17605/OSF.IO/8MBRU

## **Review work**

### **Journals (peer-review)**

Records for some of my review work can be found on Publons and ORCID  
eLife

NeuroImage

Cerebral Cortex

Human Brain Mapping

European Journal of Neuroscience

Brain Science

Molecular Psychiatry

Scientific Reports

Frontiers in Human Neuroscience

Frontiers in Psychiatry

Addiction Biology

International Journal of Psychophysiology

Psychology China

Therapeutic Advances in Psychopharmacology

### **Funding/Research agencies**

NSF (National Science Foundation)

ANR (Agence Nationale de la Recherche)

Wellcome Trust

Hefter Foundation

### **Editorial work**

Frontiers in Psychology