

# CURRICULUM VITAE



## PERSONAL DATA

Name Timo Torsten Schmidt  
Date of birth 18th January 1984  
Citizenship German

Twitter @titoschmi, @alteredstatesDB

Websites Professional personal website <https://www.titoschmi.de>  
The Altered States Database <https://www.asdb.info>

Science-Profiles ORCID <https://orcid.org/0000-0003-1612-1301>  
ResearchGate [https://www.researchgate.net/profile/Timo\\_Schmidt2](https://www.researchgate.net/profile/Timo_Schmidt2)  
Google scholar <https://scholar.google.de/citations?user=o5IBmAQAAAAJ&hl=de>  
Publons <https://publons.com/researcher/1519089/timo-torsten-schmidt/>

## EDUCATION

2013 - 2018 **PhD (summa cum laude)** Computational Neuroscience  
Graduate School: Sensory Computation in Neural Systems (3-year PhD stipend)  
Supervision: Prof. Dr. Felix Blankenburg, Prof. Dr. Hauke Heekeren  
Bernstein Center for Computational Neuroscience (BCCN), Berlin  
Neurocomputation and Neuroimaging Unit (NNU), Freie Universität, Berlin

2009 - 2011 **Master (with distinction)** Medical Neuroscience  
International Graduate Program Medical Neurosciences  
NeuroCure Cluster of Excellence, Charite Universitätsmedizin, Berlin

2005 - 2009 **Bachelor (with distinction)** Cognitive Science  
Institute for Cognitive Science, University of Osnabrück

## ACADEMIC WORK / EMPLOYMENT

2018/03 – **Researcher** (Wissenschaftlicher Mitarbeiter, 100%)  
Neurocomputation and Neuroimaging Unit (Prof. Dr. Felix Blankenburg)  
Freie Universität Berlin, Germany

2015/11 – 2018/02 **Researcher** (Wissenschaftlicher Mitarbeiter, 100%)  
Cognitive psychology research group (Dr. Axel Kohler, Dr. Uwe Friese)  
Institute of Cognitive Science, University of Osnabrück, Germany

2013/10 – 2015/09 **Pre-Doctoral Researcher** (PhD Stipend)  
Neurocomputation and Neuroimaging Unit (Prof. Dr. Felix Blankenburg)  
Freie Universität Berlin, Germany

2012 – 2013/09 **Guest Pre-Doctoral Researcher**  
Center for Adaptive Rationality (Dr. Ralph Hertwig)  
Max-Planck-Institute for Human Development, Berlin, Germany

## STIPENDS

- 2012 - 2015      **PhD Stipend** (3-year monthly stipend)  
GRK1589: Sensory computation in neural systems,  
Bernstein Center for Computational Neuroscience, Berlin
- 2011              **Stipend for Training Stay** (1.000 EUR)  
Network of European Neuroscience Schools
- 2009 - 2011      **Fellowship:** Performance based Master student stipend (monthly stipend)  
NeuroCure, Cluster of Excellence, Charitè, Berlin

## FUNDING

- 2019              **Anreizmittel** (1.500 EUR)  
Freie Universität Berlin
- 2019              **Projektförderung** (2.560 EUR)  
Sonnenfeld Stiftung, Berlin
- 2017 - 2018      **Fellowship** (5.000 EUR)  
Fellow-Program Freies Wissen – Wissenschaft offen gestalten
- 2014 - 2017      **Project funding** (~20.000 EUR fMRI scanner costs)  
Graduate school "*Sensory Computation in Neural Systems*"

## AWARDS

- 2017              **Teaching Award** (1.000 EUR performance-based funding)  
1<sup>nd</sup> place, Institute of Cognitive Science Osnabrück
- 2015              **Teaching Award** (500 EUR performance-based funding)  
2<sup>nd</sup> place, Institute of Cognitive Science Osnabrück
- 2015              **Abstract Merit Award** (2.000 EUR)  
Organization for Human Brain Mapping, OHBM conference 2015
- 2013              **Best Poster Price**  
Berlin Brain Days 2013

## ACADEMIC SERVICE

### Committee Memberships

- since 2018      Admission committee member for the Master program Social Cognitive and Affective Neuroscience, Freie Universität, Berlin
- 2016              Committee member to develop PhD-examination regulations for "Dr.rer.nat" at the Department of Psychology, Freie Universität, Berlin
- 2013 - 2015      Steering-Committee of the graduate school "*Sensory Computation in Neural Systems*" (Student representative), Bernstein Center for Computational Neuroscience, Berlin

## SCIENTIFIC SOCIETIES

Association for the Scientific Study of Consciousness (ASSC), Organization for Human Brain Mapping (OHBM), Society for Neuroscience (SfN), Deutsche Neurowissenschaftliche Gesellschaft (NWG)

## AD-HOC REVIEWING

Addiction Biology, European Journal of Neuroscience, Cerebral Cortex, Frontiers in Psychology, PsyCh Journal, Therapeutic Advances in Psychopharmacology, Brain Science

# TEACHING

## Lectures

2015(W.S), 2016(W.S) Lecture (4 ECTS): FMRI data analysis and study design  
BSc and MSc students, Cognitive Science, University of Osnabrück

## Seminars

2017(W.S) Blockseminar (4 ECTS): FMRI data analysis and study design  
BSc and MSc students, Cognitive Science, University of Osnabrück

2016(W.S) Seminar (4 ECTS): Phenomenoconnectomics  
BSc and MSc students, Cognitive Science, University of Osnabrück

2016(SS), 2017(SS) Seminar (4 ECTS): The neuroscientific study of Altered States of Consciousness  
MSc students, Cognitive Science, University of Osnabrück

2013(W.S), 2014(W.S),  
2015(W.S) Seminar (3 ECTS – 20%): Introduction to MATLAB  
MSc and PhD students, Medical Neuroscience, Humboldt Graduate School, Berlin

2011(SS), 2012(SS),  
2013(SS), 2015(SS),  
2016(W.S) Blockseminar (8 ECTS – 50%): Methods in "wet" neurosciences  
BSc and MSc Cognitive Science students, University of Osnabrück

2011 (SS) Seminar (2 ECTS): Reading Club: Drugs and Addiction II  
MSc students, Medical Neuroscience, Humboldt Graduate School, Berlin

2010 (WS) Seminar (2 ECTS): Reading Club: Drugs and Addiction I  
MSc students, Medical Neuroscience, Humboldt Graduate School, Berlin

## Practicals

2014(W.S), 2018(W.S) EXPRA (4 ECTS): Empirical Training for Psychology Students I  
BSc students, Psychology, Freie Universität Berlin

2014(SS), 2015(SS),  
2018(SS), 2019 (SS) EXPRA (4 ECTS): Empirical Training for Psychology Students II  
BSc students, Psychology, Freie Universität Berlin

2017(W.S) Study Project (12 ECTS – 50%): Cognitive Psychology of Mass Communication  
MSc students, Cognitive Science, University of Osnabrück

2017(SS) Study Project (12 ECTS – 50%): How does it feel to be on...?  
MSc students, Cognitive Science, University of Osnabrück

2015(W.S)-2016(SS) Study Project (12 ECTS – 50%): ABCD - Advancing Big Consciousness Data  
MSc students, Cognitive Science, University of Osnabrück

# SUPERVISOR

## Bachelor/Master Thesis Supervision

### Ongoing

Vincent Clement	MSc Neuroscience, Universidad Peruana Cayetano Heredia (Co-Supervision)
Sophie Kahlenberg	BSc Psychology, FU Berlin (Primary Supervision)
Marianna Schmidt	BSc Psychology, FU Berlin (Primary Supervision)

### 2019

Tan Ge	MSc Mind and Brain, Mind and Brain School Berlin (Co-Supervision)
Antonin Fourcade	MSc Social Cognitive and Affective Neuroscience, FU Berlin (Secondary Supervision)
Ian Pennock	MSc Cognitive Science, Universität Osnabrück (Primary Supervision)
Tallulah Jansen	BSc Cognitive Science, Universität Osnabrück (Primary Supervision)
Marie Bartossek	BSc Psychology, FU Berlin (Primary Supervision)
Larissa Hartmann	BSc Psychology, FU Berlin (Primary Supervision)
Dilara Zorbek	BSc Psychology, FU Berlin (Primary Supervision)

### 2018

Katharina Dworatzky	MSc Cognitive Science, Universität Osnabrück (Primary Supervision)
Ann-Sophie Schwade	BSc Cognitive Science, Universität Osnabrück (Primary Supervision)
Wanja Foris	BSc Cognitive Science, Universität Osnabrück (Secondary Supervision)

### 2017

Ann Xavier	MSc Cognitive Science, Universität Osnabrück (Primary Supervision)
Julia Prein	BSc Cognitive Science, Universität Osnabrück (Primary Supervision)
Lara Knaup	BSc Cognitive Science, Universität Osnabrück (Primary Supervision)
Jelena Renner	BSc Cognitive Science, Universität Osnabrück (Secondary Supervision)

### 2016

Nisha Jagannathan	MSc Cognitive Science, Universität Osnabrück (Co-Supervision)
Michal Ljubljanac	MSc Cognitive Science, Universität Osnabrück (Co-Supervision)
Pia Schröder	MSc Cognitive and Clinical Neuroscience, Universität Maastricht (Co-Supervision)

### 2015

Yuan-Hao Wu	MSc Social Cognitive and Affective Neuroscience, FU Berlin (Secondary Supervision)
Lisa Velenosi	MSc Social Cognitive and Affective Neuroscience, FU Berlin (Secondary Supervision)

## Internships and Labrotations

### 2019

Larry Fort	(2 month internship)
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### 2018

Tan Ge	(2 month labrotation)
Pablo Nino Reinhardt	(3 month internship)
Ian Pennock	(40h labrotation)

### 2017

Öykü Bulca	(40h labrotation)
Lesley-Ann Mathis	(40h labrotation)

### 2016

Ahmad Dawud	(40h labrotation)	Lorenzo Semeia	(40h labrotation)
Alexa-Nicole Sliby	(40h labrotation)	Anastasia Mukhina	(40h labrotation)
Auss Abbood	(40h labrotation)	Catharina Schinschke	(40h labrotation)
Felix Blind	(40h labrotation)	Kristina Baumgart	(40h labrotation)
Masha Khaleghi	(40h labrotation)	Mina Bakharzi	(40h labrotation)
Mohamad Baghery	(40h labrotation)	Natalia Bradwayn	(40h labrotation)
Paola Suarez Ramirez	(40h labrotation)		

### 2014

Janto Oellrich	(2 month internship)
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## PUBLICATIONS (updated 09/2019)

**h-Index:** 9      **#citations overall:** 332 (according to google.scholar)

### Peer-reviewed Journal Articles (in preparation)

26. Pennock I\*, **Schmidt TT\***, Zorbek D, Blankenburg F (in prep) *Content-specific codes of parametric numerosity working memory in humans*.
25. Dworatzky K\*, Jansen T\*, **Schmidt TT** (in prep): German Translation and Validation of the Ego Dissolution Inventory (EDI) and the Challenging Experience Questionnaire (CEQ).
24. **Schmidt TT**, Dworatzky K, Ljubljanac M, Cerednicenco A, et al. (in prep): *Quantifying the Phenomenology of Altered States of Consciousness*.
23. **Schmidt TT**, Jagannathan N, Ljubljanac M, Xavier A, Nierhaus T (in prep) *Hallucinations with decreased thalamo-cortical coupling: The multimodal Ganzfeld-induced altered state of consciousness*.

### Peer-reviewed Journal Articles (in review / under revision)

22. Velenosi LA, **Schmidt TT**, Blankenburg F (in review) *Decoding working memory representations of individual and grouped tactile stimuli*.
21. **Schmidt TT**, Schröder P, Reinhardt P, Blankenburg F (under revision): *Rehearsal of tactile working memory: Top-down recruitment of two dissociable neuronal content representations*. Human Brain Mapping.

### Peer-reviewed Journal Articles

#### 2019

20. Uluc I, Velenosi LA, **Schmidt TT**, Blankenburg F (accepted): *Parametric representation of tactile numerosity stimuli in working memory*. eNeuro
19. Schröder P, **Schmidt TT**, Blankenburg F (2019): *Neural basis of somatosensory target detection independent of uncertainty, relevance, and reports*. eLIFE 8, e43410
18. **Schmidt TT**, Blankenburg (2019): *The somatotopy of tactile mental imagery*. Frontiers in Human Neuroscience. 13:10.
17. **Schmidt TT\***, McCormick Miller N\*, Blankenburg F, Pulvermüller F (2019) *Neural correlates of label facilitated tactile perception*. Scientific Reports. 9(1):1606.
16. **Schmidt TT**, Prein JC (2019): *The Ganzfeld experiences -A stably inducible altered state of consciousness: Effects of different auditory homogenizations*. PsyCh - Special Issue: Altered States of Consciousness.

#### 2018

15. Uluc I, **Schmidt TT**, Wu Y.-H., Blankenburg F (2018) *Content-specific codes of parametric auditory working memory in humans*. NeuroImage. 183:254-262.
14. **Schmidt TT**, Berkemeyer H (2018) *The Altered States Database: Psychometric data on altered states of consciousness*. Frontiers in Psychology.
13. **Schmidt TT**, Blankenburg F (2018) *Brain regions that retain the spatial layout of tactile stimuli during working memory – A ‘tactospacial sketchpad’?* NeuroImage 178:531-539.

#### 2017

12. McCormick Miller N\*, **Schmidt TT\***, Blankenburg F, Pulvermüller F (2017) *Verbal labels facilitate tactile perception*. Cognition 171:172-179.
11. Wu, Y.-H.\*, 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.
10. **Schmidt TT**, Wu Y.-H., Blankenburg F (2017): *Content-specific codes of parametric vibrotactile working memory in humans*. Journal of Neuroscience 37(40):9771-9777.
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.

## 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 and Neuroscience 41(3):E24-36.

## 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

## 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

## 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
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

## 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
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
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

## 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

## Theses

**PhD-Thesis** (2018): *Tactile Mental Representations.*

Freie Universität Berlin, Berlin, Germany

**MSc-Thesis** (2011): *Intracranial Self-Stimulation in Different Rat Models of Dopaminergic Dysregulation.*

Laboratory for Experimental Psychiatry (Prof. Dr. Christine Winter), Charité Universitätsmedizin, Berlin, Germany

**BSc-Thesis** (2009): *Marker protein expression patterns during retinoic acid-induced differentiation of NTera2 cells and effects of different culturing techniques.*

Department of Neurobiology (Prof. Dr. Roland Brandt), University of Osnabrück, Germany

## Conference Abstracts and Poster

### 2019

33. **Schmidt TT**, Jagannathan N, Ljubljanc 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.

### 2018

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 tactospatial sketchpad*, OHBM 2018, Singapore.

### 2017

24. Jagannathan N, Ljubljanc 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, Beering 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, Räuher M, Radovic T, **Schmidt TT** (2017) *Altered states of consciousness as an experimental tool for neuroscience*. #DrugScience2017, Charité Berlin, Germany.
19. Ljubljanc 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.

### 2016

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, R  ker 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, Pulverm  ller F (2016): *Language facilitates tactile perception*. CNS: Cognitive Neuroscience Society, New York, USA.

## 2015

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.

## 2014

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.

## 2013

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.



## INVITED TALKS

### 2019

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.

### 2018

5. **Schmidt TT** (2019-06-02): *Common structures of altered states experiences*, Paradigm Lost Symposium, Amsterdam Psychedelic Research Association, Amsterdam, Netherlands.

### 2017

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, Great Britain.

### 2015

1. **Schmidt TT** (2019-06-04): *Phenomenoconnectomics: Big data on altered states of consciousness*. Interdisciplinary Conference for Psychedelic Research 2016, Amsterdam, Netherlands.

## CONFERENCE WORKSHOPS

### 2019

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.

### 2018

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.

### 2017

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.