

## Christopher Timmermann PhD (cand.)

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### EDUCATION

Imperial College London	PhD Candidate Neuroscience, Psychology and Neuropsychopharmacology	2015-present
Univeristà di Bologna	MSc Cognitive Neuroscience and Neuropsychological Rehabilitation	2012-2014
Pontificia Universidad Católica De Chile	BSc Psychology	2004-2010

### PUBLICATIONS

**Timmermann C.**, Roseman. Wiliams L., Erritzoe D., Leech R., Nutt., Carhart-Harris R. (submitted). Neural effects of DMT as determined via multivariate EEG

**Timmermann C.**, Roseman. Wiliams L., Erritzoe D., Martial C., Cassol H., Laureys S., Leech R., Nutt., Carhart-Harris R. (2018). DMT models near-death experiences in healthy volunteers. *Front. Psych.*

Haijen E., Kaelen M., Roseman L., **Timmermann C.**, Kettner H., Russ S., Nutt D., Daws R., Hampshire A., Lorenz R., Carhart-Harris R. (2018) Predicting response to psychedelics: A prospective study. *Front. Pharmacol.*

Kaelen M., Cunha B., Raine J., Evans L., **Timmermann C.**, Rodriguez N., Feilding A., Nutt A., Carhart-Harris R. (2018) The Hidden Therapist: Evidence for a central role in music for psychedelic therapy. *J. Psychopharmacol.*

**Timmermann, C.**, Spriggs M., Kaelen M., Leech R., Nutt D., Moran R., Carhart-Harris R., Muthukumaraswamy S. (2018) LSD Modulates Effective Connectivity and Neural Adaptation Mechanisms in an Auditory Oddball Paradigm. *Neuropharmacology*

Garofalo S., **Timmermann C.**, Battaglia., Maier M. E., di Pellegrino G. (2016) When timing matters: the role of mediofrontal ERPs in signalling timed dynamics of salient events. *Journal of Cognitive Neuroscience*

**Timmermann, C.** (2014) Neurosciences and psychotherapeutic applications in the psychedelic research renaissance. *Revista Chilena de Neuropsiquiatría*

Cordella, P; Ventura, T; Castro, C; **Timmermann, C**; Testa, D; Franco, P. (2010) Intersubjetividad interactiva entre díadas madre hijo en el preverbal: Diferencias entre chilenos y mapuches. Rev. Chil. Psiquiatr. Neurol. Infanc. Adolesc.

## **SELECTED SPEAKER PRESENTATIONS**

Novel approaches in the bridging of first person reports and neuronal activity in transitions of conscious states (seminar speaker). ALIUS workshop. Ecole Normale Supérieure. Paris, France, October 2018

Psychedelic phenomenology and associated brain activity as a model for dreaming (invited speaker). Royal Society of Medicine, London, UK. October, 2018

Neuroscience of the DMT experience (invited speaker). New Scientist Live Festival. October 2018

Dynamics of experience and brain activity in the DMT state (invited speaker). Horizons conference. New York City, 2018

Neurophenomenology of the DMT state (invited speaker). University of Cambridge, Bekinschtein lab. September, 2018.

Brain activity, phenomenology and the sensed presence phenomenon. University of Durham (seminar speaker). Personification across disciplines conference. Durham, UK. September, 2018.

Neurophenomenology of the DMT state (seminar speaker). Association for the scientific Study of Consciousness conference, 2018. June, 2018

Dynamics of brain activity and conscious experience induced by DMT (invited speaker). University of Trento. March, 2018

DMT como una herramienta de exploración neurocientífica y fenomenológica (seminar speaker). Ajijic, Mexico, 2018

Enter the Void. Experiences induced by DMT (invited speaker). University College London, United Kingdom. November, 2017

Human research with DMT (invited speaker). University of Zurich, Switzerland. October 2017

Dynamics of the Experience and Brain Activity Induced by DMT. (seminar speaker) University of Turin, Italy. October 2017

Dynamic Transitions of Consciousness (seminar speaker). ALIUS Workshop. University of Stanford, USA. May 2017

Neurociencias y uso terapéuticos de sustancias psicodélicas (speaker). Instituto de Filosofía y Ciencias de la Complejidad (IFICC). Santiago, Chile, March 2017

Using DMT to Study Dynamic Transitions of Consciousness (seminar speaker). ALIUS workshop, Paris, France. January, 2017

Processing of the Mismatch Negativity under the LSD state (seminar speaker) International Pharmacology EEG Conference (IPEG) Nijmegen, Netherlands. November, 2016

Processing of the Mismatch Negativity Under LSD (seminar speaker) Interdisciplinary Conference on Psychedelic Research. (ICPR) Amsterdam, Netherlands. June, 2016

### **SELECTED POSTER PRESENTATIONS**

Neurophenomenology of the DMT State. Mind& Life ESRI. Germany 2018

Dynamic Transitions of Consciousness: an EEG study using DMT (OHBM). Vancouver 2017

Processing of the Mismatch Negativity Under LSD. Organization of Human Brain Mapping Conference (OHBM) Geneva 2016

Processing of the Mismatch Negativity Under LSD. British Association of Psychopharmacology (BAP) Bristol 2016

### **FUNDING and competitive ACADEMIC AWARDS**

Conicyt (Chilean government)	4-year PhD Funding and research grant	2015-2019
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Università di Bologna (Italian government)	2-year MSc Funding	2012-2014
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### **RESEARCH AFFILIATIONS**

Member of ALUS, an international and interdisciplinary research group focusing on the diversity of consciousness. Team members include anthropology, philosophy, psychology and neuroscience researchers.

### **LANGUAGES**

Spanish (native), English (very advanced) and Italian (good)