

Enzo Tagliazucchi, PhD

Education

PhD in Physics (*summa cum laude*). Goethe University Frankfurt, Frankfurt, Germany (2015)

Lic. In Physics (GPA: 9.5/10). University of Buenos Aires, Buenos Aires, Argentina (2010)

Current position

Marie Curie Postdoctoral Fellow. Brain and Spine Institute, Paris, France (2017-current)

Investigador Adjunto. CONICET, Argentina (pending start)

Past research appointments

Postdoc. Netherlands Institute for Neuroscience, Royal Netherlands Academy of Arts and Sciences, Amsterdam, The Netherlands (2015 -2017).

Postdoc. Christian Albrechts University Kiel, Kiel, Germany (2014-2015).

Graduate student. Johann Wolfgang Goethe University Frankfurt am Main, Frankfurt am Main, Germany (2011-2015).

Non-academic appointments

Sr. Data Scientist. Globant Inc, Big Data and High Performance Studio, London – Los Angeles (2013-2014)

Selected publications (full list and impact metrics on my Google scholar profile)

1. Tagliazucchi, E., et al. (2015). Increased global-cross talk in the brain underlies reports of ego- dissolution under LSD. *Current Biology*.
2. Tagliazucchi, E., et al. (2015). Large-scale signatures of unconsciousness are consistent with a departure from critical dynamics. *Journal of the Royal Society Interface*
3. Tagliazucchi, E., Laufs, H. (2014). Decoding wakefulness levels from typical fMRI resting state data reveals reliable drifts between wakefulness and sleep. *Neuron*
4. Tagliazucchi, E., et al. (2013) Breakdown of long-range temporal dependence in default mode and attention networks during deep sleep. *Proc. Natl. Acad. Sci. USA*.
5. Haimovici, A., Tagliazucchi, E., et al. (2013). Brain Organization into Resting State Networks Emerges at Criticality on a Model of the Human Connectome. *Physical Review Letters*.

Selected invited talks

1. The functional architecture of the brain during wakefulness and NREM sleep. Gordon Research Conferences. Galveston, Texas, USA (2016).
2. Large-scale brain dynamics and connectivity across different states of consciousness. Max Planck Institute for Dynamics and Self Organization, Göttingen, Germany (2015).
3. Decoding and understanding brain states from spontaneous brain activity. Karolinska Institute, Stockholm, Sweden (2014).
4. Interplay of functional and structural connectivity during the psychedelic state. Imperial College London, UK (2013).
5. Sleep, consciousness and complexity. Fundacion Ramon Areces, Madrid, Spain (2012).

Selected grants & awards

Marie Curie Individual Fellowship (187000 eur) (2016).

AXA fellowship (120000 eur) (2015).

Travel grant for early career researchers, European Sleep Research Society (1800 eur) (2015)

PhD scholarship. University of Buenos Aires, Buenos Aires, Argentina (2010)

“Stimulus” scholarship. University of Buenos Aires, Buenos Aires, Argentina (2009)