

## SPEAKERS

**Diana Prata (Instituto de Biofísica e Engenharia Biomédica, FCUL/ King's College, London UK/ISCTE, Lisbon, Portugal)**

*The neurobiology of morality: the role of oxytocin.*



Diana Prata is a Marie Curie Fellow and Group Leader at the Institute of Biophysics and Biomedical Engineering of the University of Lisbon (after 12 years in King's College London, KCL, UK) where she has set up the Biomedical Neuroscience research lab. She is also a visiting lecturer at KCL and ISCTE. In 2017, she won a Marie Curie Actions 3rd Prize as the most promising scientist in 'Innovation and Entrepreneurship'. She has been awarded an FCT-investigator grant, a Marie Curie Career Integration Grant, a Bial Grant and several FCT grants, and other fundings sources. Research-wise, she reported the first evidence that schizophrenia-risk genes can also predispose to bipolar disorder. Her new research flow is on the biological

basis of social cognition and its impairment, for which, together with a diverse team of medical doctors, psychiatrists, biologists, psychologists and biomedical engineers, she tries to unravel mechanisms of the still much mysterious oxytocin system, using neuropharmacology, magnetic resonance neuroimaging, electroencephalography, eye-tracking, psychology, neuropsychology, genetics, epigenetics and computational modeling techniques. A second branch of her work is to build clinically useful multimodal biomarkers for aiding clinical diagnostic and prognostic predictions – which we are bringing to hospitals via her start up company, NeuroPsyAI, for Alzheimer's and Parkinson's.

<http://ibeb.ciencias.ulisboa.pt/pt/diana-prata/>

<https://dpratalab.wordpress.com/>

<http://neuropsychad.com/>

**Jesse Prinz (CUNY – City University of New York, USA)**

*Beyond Purity and Politics: Moral Disgust Revisited.*



Jesse Prinz is a Distinguished Professor of Philosophy and Director of Interdisciplinary Science Studies at the City University of New York, Graduate Center. He is one of the world's leading philosophers of mind in the field of empirically informed philosophy. His research focuses on the perceptual, emotional, and cultural foundations of human psychology. He is author of *Furnishing the Mind* (2002), *Gut Reactions* (Oxford, 2004), *The Emotional Construction of Morals* (2007), *Beyond Human Nature* (2012), and *The Conscious Brain* (2012). Two other books are forthcoming: *The Moral Self* and *Works of Wonder*. Prinz served on the executive committees for the International Society for Research on Emotions, the Aesthetics Society of America and the Society for Philosophy and Psychology. This is his second visit to Morality and Emotion.

<http://subcortex.com/>

[interview to Visão](#)

**Sara Silva** (Institute for the Study of Literature and Tradition/NOVA FCSH, Portugal)

*'Toto, I have a feeling we're not in Kansas anymore.'*



Sara Silva received her PhD from Keele University in 2008 with a thesis on the rich interplay between nineteenth-century science and literature: 'Sexual Plots in Charles Darwin and George Eliot: Evolution and Manliness in Adam Bede and The Mill on the Floss'. Her main research interests include the relationship between science and literature; Darwinism and evolutionary theories; gender studies, the application of phylogenetic methodologies to the study of human cultural diversity, and the study of morality and emotion. She is currently an appointed researcher at the Institute for the Study of Literature and Tradition, NOVA, Portugal, working on evolutionary readings of literature. She believes that literature is a fantastic repository to test evolutionary hypotheses, and that it can be harvested for both qualitative and quantitative data, and for cross-cultural comparisons. She works closely with both Durham's Anthropology Department, namely the Centre for the Co-evolution of Biology and Culture, in the UK, the Centre for the History of Emotions, at the Max Planck Institute for Human Development, and the Graduate Centre in New York. She recently founded [EMOLABS](http://saragsilva.org/), a laboratory which explores the impact emotions and morals have on our behaviour and decision making ability at individual and group level.

<http://saragsilva.org/>

**Tiffany Watt Smith (Centre for the History of the Emotions, Queen Mary University of London, UK)**

*Schadenfreude: the history of a queered emotion.*



Tiffany Watt Smith is a cultural historian and author of two books about the history of feeling, *On Flinching: Theatricality and Scientific Looking from Darwin to Shell Shock* (OUP 2014) and *The Book of Human Emotions* (UK; Profile, 2015; US, Little, Brown, 2016) which tells the stories of 154 feelings from around the world. It has been published in 9 countries so far. In 2014, she was named a BBC New Generation Thinker. She is currently a Wellcome Trust research fellow at the Centre for the History of the Emotions at Queen Mary University of London, and a lecturer in the School of English and Drama. Before her career in academia, Tiffany worked as a professional theatre director, including as International Associate Director at the Royal Court and was a recipient of the Jerwood Award for Directors. In 2018 she published the highly successful book *Schadenfreude: The Joy of Another's Misfortune*.

<https://www.qmul.ac.uk/sed/staff/wattsmitht.html>



**Zach Mainen (Champalimaud Neuroscience, Lisbon, Portugal)**

*Thoughts on the future of humans and machines.*



Zachary Mainen is a neuroscientist whose research focuses on the brain mechanisms of decision-making. He studied psychology and philosophy at Yale University, received his doctorate in Neuroscience from the University of California, San Diego, and held a faculty position at Cold Spring Harbor Laboratory, New York, before moving to Lisbon, Portugal in 2007 to found the Champalimaud Neuroscience Programme, where he was the Director between 2009-2014. In 2014, Mainen was named co-Director of Champalimaud Research, along with Dr. Rui Costa. His work has been recognised by two Advanced Investigator Grants of the European Research Council (2010 and 2015) and the election to the European Molecular Biology Organisation. Mainen's research explores brain function, especially decision-making, using theory-driven experimental approaches. His laboratory helped to pioneer the use of quantitative behavioural paradigms in rodents and combines those approaches with electrophysiological, optical and genetic techniques to study neural representation and computation. He has a long-standing interest in the issue of how noise and uncertainty impact neural systems and behaviour and our understanding of these processes. His lab is currently exploring these questions in the context of odour-guided perceptual decisions and learning, the timing and selection of simple actions, and the role of the neuromodulator serotonin in behaviour and cortical function. This work touches on philosophical issues surrounding causality, free will, knowledge and belief.

<http://neuro.fchampalimaud.org/en/person/89/>