



4 de abril - quinta-feira *April 4 - Thursday*

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**Oral poster presentations - Bial Foundation grant holders**

14:30 - 16:00 - *Oral poster presentations - Grant holders*  
Moderator - **Mário Simões**

16:00 - 16:30 - *Coffee, posters session and contacts with faculty*

16:30 - 17:30 - *Cont.*  
*Oral poster presentations - Grant holders*

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**“Evaluation of the performance of the BIAL Foundation’s grants”**

*Researchers:* **Sylvie Marinho**, Paula Guedes, Nuno Sousa

*Institution:* Fundação BIAL

**206/16 – “Developing a neurofunctional intervention for emotion regulation under stress”**

*Researchers:* **Pedro Morgado**, Carles Soriano Mas, Paulo Marques, Pedro Moreira, Ricardo Magalhães

*Institutions:* Life and Health Sciences Research Institute - ICVS, School of Health Sciences, University of Minho, Braga (Portugal); Department of Psychiatry, Bellvitge Biomedical Research Institute - IDIBELL, Barcelona (Spain)

**249/16 – “Healthy aging and economic decision-making: Neuropsychophysiological examination of the affect-integration-motivation framework of decision-making in aging brain”**

*Researchers:* João Marques-Teixeira, Rui Mata, Isabel Martins, Giuseppe Danese, Ana Gonçalves, **Carina Fernandes**, Rita Pasion

*Institution:* Laboratory of Neuropsychophysiology, Faculty of Psychology and Education Sciences of the University of Porto (Portugal)

**280/16 – “Probing the unconscious mind with instrumental hypnosis”**

*Researchers:* **Mathieu Landry**, Jérôme Sackur, Amir Raz

*Institutions:* Laboratoire de Sciences Cognitives et Psycholinguistique, École Normale Supérieure, Paris (France); Raz Cognitive Neuroscience Lab, McGill University, Montreal (Canada)

**292/16 – “Oxytocin: On the psychophysiology of trust and cooperation”**

*Researchers:* **Diana Prata**, James Rilling, Manuel Lopes, Duarte Ferreira, Daniel Martins, Pedro Levy

*Institutions:* FCIências.ID – Associação para a Investigação e Desenvolvimento de Ciências (Portugal); Emory University, Atlanta (USA)

**37/18 – “Decoding the neuron-astrocyte dialogue that supports cognitive processing”**

*Researchers:* **João Filipe Oliveira**, Luísa Pinto, Diana Nascimento, Sónia Gomes, Inês Caetano, João Viana, João Luís Machado, Daniela Sofia Abreu, Sara Barsanti

*Institution:* Life and Health Sciences Research Institute - ICVS, Universidade do Minho, Braga (Portugal)

**67/18 – “Electrophysiological correlates of size-distance integration”**

*Researcher:* **Irene Sperandio**, Louis Renoult

*Institution:* Department of Psychology and Cognitive Science, University of Trento, Rovereto (Italy)

**68/18 – “Investigating biochemical mechanisms underlying mind-matter interactions: Effect of intention on human stem cell properties via cryptochrome”**

*Researchers:* **Yung-Jong Shiah**, George T.-J. Huang

*Institutions:* Graduate Institute of Counseling Psychology and Rehabilitation Counseling, National Kaohsiung Normal University, Kaohsiung, Taiwan (China); University of Tennessee Health Science Center, Memphis (USA)

**81/18 – “Meditation as a first-person method in the neuroscience of consciousness: A comparison of the informativeness and reliability of first person data collected from meditators and non-meditators in a novel Libet paradigm”**

*Researchers:* **Stefan Schmidt**, Sebastian Kübel, Marc Wittmann, Han-Gue Jo

*Institution:* Department of Psychosomatic Medicine and Psychotherapy, University Medical Center Freiburg (Germany)

**85/18 – “Role of NT3/TrkC in the regulation of fear”**

*Researcher:* **Mónica Santos**

*Institution:* Center for Neuroscience and Cell Biology, University of Coimbra (Portugal)

**89/18 – “National survey of “Cases of Reincarnation Type” in Brazil”**

*Researchers:* **Alexander Moreira-Almeida**, Jim Tucker, Lucam Moraes, Sandra Carvalho

*Institutions:* Research Center in Spirituality and Health - NUPES, School of Medicine, Federal University of Juiz de Fora – UFJF (Brazil); Division of Perceptual Studies - DOPS, School of Medicine, University of Virginia, Charlottesville (USA)

**110/18 – “A randomized trial: Extraordinary experiences and performance on psi tasks related to meditation”**

*Researchers:* Jennifer **Kim Penberthy**, Marieta Pehlivanova, Elizabeth Hanchak, Leslie Hubbard

*Institution:* Division of Perceptual Studies - DOPS, School of Medicine, University of Virginia, Charlottesville (USA)

**135/18 – “The physiological role of circadian rhythms in memory”**

*Researchers:* **Luisa Lopes**, Miguel Remondes, Ana Morgado, Joana Coelho

*Institution:* Instituto de Medicina Molecular - João Lobo Antunes, Lisboa (Portugal)

**148/18 – “Voice perception in the visually deprived brain: Behavioral and electrophysiological insights”**

*Researchers:* Tatiana Conde e Magro, Ana Pinheiro, César Lima, **João Sarzedas**

*Institutions:* Centro de Investigação em Ciência Psicológica - CICPSI, Faculdade de Psicologia da Universidade de Lisboa (Portugal); Centro de Investigação e de Intervenção Social, ISCTE - Instituto Universitário de Lisboa (Portugal)

**169/18 – “Temporal decoding of selective recollection with psychophysiology”**

*Researchers:* **Alexa Morcom**, Arjen Alink

*Institution:* School of Psychology, University of Sussex (UK)

**188/18 – “COping with PAin through Hypnosis, mindfulness and Spirituality (COPAHS)”**

*Researchers:* Maria **Alexandra Ferreira Valente**, José Luís Pais Ribeiro, Mark Philip Jensen, Ana Filipa Pimenta, Rui Miguel Costa, Melissa Day

*Institutions:* William James Center for Research, ISPA – Instituto Universitário, Lisboa (Portugal); Department of Rehabilitation Medicine, University of Washington, Seattle (USA)

**204/18 – “Boosting WM capacity by strengthening the oscillatory functional fronto-parietal pathway”**

*Researcher:* **Vincenzo Romei**

*Institution:* Centre for studies and research in Cognitive Neuroscience - CsrNC, Department of Psychology, University of Bologna (Italy)

**210/18 – “Mind-matter interactions and the frontal lobes of the brain”**

*Researchers:* Morris Freedman, Robert Chen, **Malcolm Binns**

*Institutions:* Division of Neurology, Baycrest Health Sciences, Toronto (Canada); Division of Neurology, University Health Network - UHN, Toronto (Canada)

**220/18 – “Mind-shaped body: A new conceptual framework beyond the placebo effect connecting expectations to disease outcome”**

*Researchers:* **Francesco Pagnini**, Paolo Banfi, Cesare Cavalera, Eleonora Volpato  
*Institutions:* Department of Psychology, Università Cattolica del Sacro Cuore, Milan (Italy); Respiratory Rehabilitation Unit, Fondazione Don Carlo Gnocchi, Milan (Italy)

**252/18 – “Spiritual states induced by ayahuasca, and the involvement of the reward system”**

*Researchers:* **Miguel Castelo-Branco**, Gisela Lima, Miguel Raimundo, Pedro Fonseca, Carla Cavaleiro, Lorena Petrella, Célia Cabral, Antero Abrunhosa  
*Institution:* Institute for Nuclear Sciences Applied to Health - ICNAS, University of Coimbra (Portugal)

**287/18 – “More thankful, less stressed? Gratitude and physiological reactions to stress”**

*Researchers:* Brenda O'Connell, Stephen Gallagher, **Brian Leavy**  
*Institutions:* Centre for Mental Health & Community Research, Department of Psychology, Maynooth University (Ireland); Study of Stress, Anxiety and Health Laboratory, Department of Psychology, University of Limerick (Ireland)

**296/18 – “The power of mind: Altering cutaneous sensations by autosuggestion”**

*Researchers:* Elena Azáñon, Esther Kuehn, Kasia Myga  
*Institution:* Institute of Psychology, Faculty of Natural Sciences, Otto-von-Guericke University, Magdeburg (Germany)

**306/18 – “The neural circuitry underlying error monitoring during social cognition”**

*Researchers:* **Teresa Sousa**, Miguel Castelo-Branco, João Castelhana, Verónica Figueiredo, Andreia Pereira  
*Institution:* Institute for Nuclear Sciences Applied to Health - ICNAS, University of Coimbra (Portugal)

**320/18 – “The role of interneurons in spatial memory”**

*Researchers:* Tiago Gil Oliveira, Patrícia Monteiro, Vítor Pinto, André Miranda, Ricardo Silvestre, Luísa Marinha, **Rafaela Morais-Ribeiro**  
*Institution:* Life and Health Sciences Research Institute - ICVS, University of Minho, Braga (Portugal)

**331/18 – “Frontostriatal neurophysiological underpins of decision-making”**

*Researchers:* **Hugo Leite-Almeida**, Madalena Esteves, Marco Rafael Guimarães, Ana Margarida Cunha, Joana Mendes, Armando Almeida  
*Institution:* Life and Health Sciences Research Institute - ICVS, University of Minho, Braga (Portugal)

**347/18 – “Driving synaptic plasticity in motor-to-visual neural pathways to enhance action prediction”**

*Researchers:* **Alessio Avenanti**, Marco Zanon  
*Institution:* Department of Psychology, Alma Mater Studiorum - Università di Bologna (Italy)

**355/18 – “The implicit cognition of interpersonal attraction”**

*Researchers:* **Joana Arantes**, John Wearden, Mavilde Arantes, Emanuel Albuquerque  
*Institution:* Psychology Research Center - CIPsi, School of Psychology, University of Minho, Braga (Portugal)

**359/18 – “A Comparison of NN-DMT, Changa & 5-MeO-DMT and the Near-death Experience: Qualitative analyses and reviews of the neuroscience”**

*Researchers:* **Pascal Michael**, David Luke  
*Institutions:* Department of Psychology, Social Work and Counselling, Greenwich University, London (UK); Psychedelic Research Group, Imperial College London (UK)

**366/18 – “Transpersonal imagery and bereavement: The psychomanteum and virtual reality”**

*Researchers:* **Marilyn Schlitz**, Dorote Lucci, Donna Dulo, Kelly Yi, Lincoln Nguyen  
*Institutions:* Institute of Transpersonal Psychology Foundation, Palo Alto, California (USA); Sofia University, Palo Alto, California (USA)

**26/20 – “Anticipation and experience of stressful situations and their psychobiological impact on providing pre-hospital emergency medicine care”**

*Researchers:* **Mark Wetherell**, Jeff Doran

*Institutions:* Department of Psychology, Northumbria University Newcastle (UK); Great North Air Ambulance Service (UK)

**73/20 – “Cerebrovascular hypothesis of stress-induced behavioral alterations”**

*Researchers:* **Ana Paula Silva**, Filipa Baptista, Ana Rita Gaspar, Ricardo Leitão, Catarina Gomes

*Institution:* Centre for Innovative Biomedicine and Biotechnology - CIBB, Faculty of Medicine, University of Coimbra (Portugal)

**79/20 – “Redefining the boundaries between cognition and action through the psychophysiological investigation of binary decisions”**

*Researchers:* **Michele Scaltritti**, Simone Sulpizio

*Institutions:* Department of Psychology and Cognitive Science, University of Trento, Rovereto (Italy); Università degli Studi di Milano-Bicocca (Italy)

**86/20 – “Age-related changes in motor-cognitive dual-tasking: An electrophysiological investigation of interference at the level of sub-task elements”**

*Researchers:* **Subhobrata Mitra**, Christina Howard

*Institution:* Psychology Department, Nottingham Trent University (UK)

**108/20 – “A telephone telepathy study: Does genetic relatedness influence psychic abilities?”**

*Researcher:* **Helané Wahbeh**

*Institution:* Institute of Noetic Sciences, Novato (USA)

**123/20 – “A latent profile analysis and structural equation modelling of paranormal belief, psychopathological symptoms, and well-being”**

*Researchers:* Neil Dagnall, **Andrew Denovan**

*Institution:* Health, Psychology and Communities, Manchester Metropolitan University (UK)

**129/20 – “Investigating the role of expertise in the predictive coding framework combining time resolved neural and behavioural evidence”**

*Researchers:* Marie Smith, **Inês Mares**, Louise Ewing, Fraser Smith

*Institution:* Department of Psychological Sciences, Birkbeck, University of London (UK)

**131/20 – “From inner to dyadic connection: The effect of mindfulness intervention on mother-infant bio-behavioural synchrony”**

*Researchers:* **Maria Spinelli**, Chiara Suttora, Filippo Zappasodi

*Institutions:* Department of Neurosciences, Imaging and Clinical Sciences, Università degli Studi "G. d'Annunzio" Chieti - Pescara (Italy); Alma Mater Studiorum, Università di Bologna (Italy)

**169/20 – “Investigation of the phenomenology and impact of spontaneous and direct After-Death Communications (ADCs)”**

*Researchers:* Callum Cooper, **Evelyn Elsaesser**

*Institutions:* Research Centre for Psychology & Social Sciences, University of Northampton (UK)

**212/20 – “Comparing cognitive styles among parapsychology researchers, psi-believers, and skeptics”**

*Researchers:* **Marieta Pehlivanova**, Bruce Greyson

*Institution:* Division of Perceptual Studies - DOPS, School of Medicine, University of Virginia, Charlottesville (USA)

**249/20 – “Physiological correlates to variations in ultra-weak photon emissions during periods of focused intent”**

*Researcher:* **John Kruth**

*Institution:* Rhine Research Center, Durham (USA)

**258/20 – “In God's shoes: Embodying the avatar of the supreme moral authority modulates psychophysiological indices of one's own morality”**

*Researchers:* Salvatore Maria Aglioti, Michael Schepisi, **Althea Frisanco**, Gaetano Tieri

*Institution:* Department of Psychology, “Sapienza” University of Rome (Italy)

**276/20 – “Beyond your own body: Extending the bodily self to the neuroaesthetics of interactions”**

*Researchers:* Andrea Orlandi, Matteo Candidi, Martina Fanghella, Quentin Moreau, **Ugo Giulio Pesci**

*Institution:* Department of Psychology, “Sapienza” University of Rome (Italy)

**309/20 – “Assessing static and dynamic effects of mindfulness meditation on peripersonal space”**

*Researchers:* **Luca Simione**, Salvatore Chiarella

*Institution:* Institute of Cognitive Sciences and Technologies, Italian National Research Council – CNR, Rome (Italy)

**311/20 – “How body ownership shapes tactile awareness: Inducing phantom sensations and measuring their electrophysiological correlates in immersive virtual reality”**

*Researchers:* **Carlotta Fossataro**, Valentina Bruno, Alice Rossi Sebastiano, Francesca Garbarini

*Institution:* Department of Psychology, University of Turin (Italy)

**344/20 – “Evaluation of psychological traits, pain perception and muscular strength in trance experts”**

*Researchers:* Olivia Gosseries, Paul Hollanders, Yannick Lafon, **Aminata Bicego**

*Institution:* GIGA Research Center, GIGA-Consciousness, University of Liège (Belgium)

**347/20 – “Open-label choice blindness: Exploring the mechanism underlying auto-suggestion”**

*Researchers:* **Jeremy Olson**, Despina Artenie, Ellen Langer, Jian Kong

*Institutions:* Department of Psychiatry, Massachusetts General Hospital, Harvard Medical School, Boston (USA); Department of Psychology, Harvard University, Cambridge (USA)

**360/20 – “Large scale online testing of psi abilities to identify and test talented individuals”**

*Researcher:* **Arnaud Delorme**

*Institution:* Institute of Noetic Sciences, Novato (USA)

**384/20 – “Schema-based temporal memory in parietal cortex (SCHETEMP)”**

*Researchers:* **Matteo Frisoni**, Paolo Capotosto

*Institution:* Department of Neurosciences, Imaging and Clinical Sciences, Università degli Studi G. d’Annunzio Chieti – Pescara (Italy)