

# BBL/CIBM/FCBG research day 2023

13<sup>th</sup> June 2023- Auditoire Adolphe Franceschetti CMU, University of Geneva

- 8h45 Arrival and registration**
- 9h00 Session 1 - Chaired by Francois Lazeyras**
- Brainstem pons network dynamics associated with self-awareness disorders 6 to 9 month after SARS-CoV-2 infection.** Alexandre Cionca (PI: Frederic Assal, Julie Péron)
- Individual signatures of functional connectivity in Alzheimer's and Parkinson's diseases: the uncovering of clinical fingerprinting.** Sara Stampacchia (PI: Olaf Blanke)
- Modulation of the activity of deep brain regions and related behaviors via noninvasive transcranial temporal interference stimulation.** Elena Beanato (PI: Friedhelm Hummel)
- Identification of neurobiological substrates of psychosis susceptibility in patients with 22q11.2DS using MR imaging.** Farnaz Delavari (PI: Stephan Eliez, Dimitri Van De Ville)
- 10h20 Coffee Break**
- 10h40 Session 2 - Chaired by Olaf Blanke**
- Reward processing in schizophrenia.** Mariia Kaliuzhna (PI: Stephan Kaiser)
- Trimodal EEG-fMRI and dMRI connectomics in epilepsy.** Jonathan Wirsich (PI: Serge Vulliemoz)
- Towards quantitative functional brain mapping with Arterial Spin Labelling.** Gianarita Iannotti (PI: Frederic Grouiller, Karl-Olof Lövblad)
- Mindfulness in children. The effects of mindfulness for children and adolescents born preterm: from brain changes to changes in everyday life.** Russia Ha-Vinh Leuchter (PI: Petra Huppi)
- 12h00 Lunch Break with Posters**
- 13h30 Session 3 - Chaired by Patrick Vuilleumier**
- Special guest, Matthias J. Gruber (Cardiff University)**
- How curiosity affects learning and information seeking via the dopaminergic circuit.**
- 14h30 Talks**
- T1 and ADC map segmentation of the renal cortex and medulla using AI.** Ibtisam Aslam (PI: Jean-Paul Vallee)
- MRI guided focused ultrasound for ground-breaking neuro-surgery and neuro-oncology: Present and future.** Rares Salomir (PI: Rares Salomir)
- 15h15 Tea Break**
- 15h30 Session 4 - Chaired by Dimitri Van de Ville**
- Investigating the effects of appraisal manipulation on behaviour, physiology and brain representations using video games.** Mi Xue Tan (PI: Patrik Vuilleumier, Dimitri Van De Ville)
- Does the future use matter? Memorized information and representations in memory.** Prosper A. Fiave (PI: Evie Vergauwe, UNIGE)
- Neural correlates of approach tendencies toward physical activity and inactivity stimuli: an fMRI study.** Boris Cheval (PI: David Sander)
- Investigating the neural correlates of reinforcement learning in narcoleptic and Parkinson's disease patients.** Gabriel Hinnen (PI: Sophie Schwartz, Virginie Sterpenich)
- 16h50 Closing**
- 17h00 Farewell ceremony of Francois Lazeyras. - Cocktail reception**

Organised by

