

MARMOBRAIN

2nd International Workshop on Marmoset Neuroscience

July 7&8, 2022 – Campus Joseph Aiguier, Marseille

<https://marmoworkshop22.sciencesconf.org>

- **Thursday JULY 7, 2022**

8:00 – 8:45 Welcome and Registration

8:45 – 9:00 Introduction – **Guillaume Masson**, Director of INT

9:00 – 12:30 **Session 1 - Manipulating neural networks in the marmoset brain (Chair E. Gascon)**

- **Christian Wood & Angela Roberts** (U. Cambridge, UK) *Application of DREADDs to study prefrontal regulation of subcortical networks involved in reward and threat responsivity in common marmosets*
- **Takafumi Minamimoto** (NIQST, Japan) *Chemogenetic activation of nigrostriatal dopamine neurons in freely moving common marmosets*
- 10:30 - 11:00 Coffee break
- **Pascal Fries** (ESI Frankfurt, Germany) *Multi-electrode recordings and optogenetic activation in awake marmosets*
- **Eduardo Gascon** (INT, France) *Molecular manipulation of target microRNAs in the medial prefrontal cortex*

12:30 – 14:00 Buffet Lunch

14:00 – 17:30 **Session 2 - Social Behavior (Chair S. Ravel)**

- **Steffen Hage** (U. Tübingen, Germany) – *Motor control mechanisms in marmoset vocal behavior*
- **Judith Burkart** (U. Zurich, Switzerland) *Marmoset Behavior – Are female helpers different?*
- 15:30 – 16:00 Coffee break
- **Sabrina Ravel** (INT, France) *Evolution of performance during acquisition of a cognitive task in a group of related common marmosets (*Callithrix jacchus*)*
- **Thomas Bugnyar** (U. Vienna, Austria) *Who is interested in what? Personality and learning in wild and captive common marmosets*

17:30-19:00 **Poster Session** and Cocktail

- **Friday JULY 8, 2022**

10:30 – 11:30 **Poster session** (continued)

11:30 – 12:30 **Keynote Lecture - Afonso Silva** (U. Pittsburgh, USA) *Using a Multi-modal Neuroimaging Approach to Investigate the Anatomical and Functional Organization of the Primate Brain in Health and Disease*

12:30 – 14:00 Buffet Lunch

14:00 – 17:30 **Session 3 - Imaging marmoset networks (Chair P. Belin)**

- **Stefan Everling** (U. Western Ontario, Canada) *Functional networks for social cognition in the common marmoset*
- **Cory Miller** (UCSD, USA) *How monkeys 'really' see the world*
- 15:30 – 16:00 Coffee break
- **Pascal Belin** (INT, France) *fMRI investigations of the marmoset auditory cortex*
- **Piotr Majka** (NENCKI, Poland) *Mapping the distribution of neurochemically-defined cell types throughout the primate cortex*

17:30 Closing remarks

18:00 Aperitif dinner at the Shamrock brewery on the Vieux Port