

Oct. 2, 2014

8h:30 – 09:00 Registration & Welcome Address

Session 1

09:00 - 09:45 Hagai Bergman (Jerusalem, Israel): *Computational physiology of the basal ganglia and their disorders*

09:45 - 10:30 Jean-Antoine Girault (Paris, France): *Epigenetics of striatal neurons*

10:30 – 11:00 *coffee break & posters*

11:00 - 11:45 Wolfram Schultz (Cambridge, UK): *Neuronal reward and risk signals*

11:45 - 12:05 Alexandre Eusebio (INT, BaGaMoRe):

12:05 - 12:25 Pascal Belin (INT, BaNCo):

12:30 – 14:30 *lunch & posters*

Session 2

14:30 - 15:15 Valentina Emiliani (Paris, France): *Wave front shaping and optogenetics*

15:15 - 16:30 Gilles Laurent (Frankfurt, Germany): *Explorations of a simple visual cortex*

16:00 – 16:30 *coffee break & posters*

16:30 - 17:15 Tobias Bonhoeffer (München, Germany): *How experience changes synapses in the mammalian brain*

17:15 - 17:35 Franck Débarbieux (INT, ImaPath):

17:35 - 17:55 Björn Kampa (INT, ViCoFun): *From connectivity to function: a specific micro-circuit for cortical representation of visual scenery*

18:30 *wine & cheese reception & posters*

Oct. 3, 2014

Session 3

09:00 - 09:45 Atsushi Iriki (Tokyo, Japan): *Evolution of primate intelligence by the triadic interaction of neural, cognitive, and ecological niches*

09:45 - 10:30 Michel Desmurget (Bron, France): *Mapping the sensorimotor system: beyond Penfield*

10:30 – 11:00 *coffee break & posters*

11:00 - 11:45 Paul Cisek (Montréal, Canada): *Neural mechanisms for making decisions in a dynamic world*

11:45 - 12:05 Bjørg Kilavik (INT, CoMCo):

12:05 - 12:25 Anna Montagnini (INT, InVibe):

12:30 – 14:30 *lunch & posters*

Session 4

14:30 - 15:15 Gordon Shepherd (Chicago, USA): *Circuit organization of mouse motor cortex*

15:15 - 16:30 Cyril Herry (Bordeaux, France): *Neuronal signature of fear memory in distributed neuronal networks*

16:00 – 16:30 *coffee break & posters*

16:30 - 17:15 Tadashi Isa (Okazaki, Japan): *Large-scaled network reorganization through post-injury functional recovery*

17:15 - 17:35 Frédéric Brocard (INT, P3M):

17:35 - 17:55 Eric Fakra (SteVe, INT):

18:30 Farewell Apéritif

Organizing Committee:

Alexa Riehle (alexa.riehle@univ-amu.fr)

Geneviève Rougon

Patrice Coulon

Nicole Malfait

Eric Guedj

Sabrina Ravel

Taarabte Iherti

INT - UMR 7289, CNRS - AMU

Campus Santé Timone

27, Bd Jean Moulin

13385 Marseille Cédex 05, France

<http://www.int.univ-amu.fr>