

B&M Symposium

Annual meeting of the Doctoral Program Brain & Mind

September 11.–12. 2014, Hotel Aavaranta, Kirkkonummi

Thu September 11

8.00 Bus leaves from Töölö Towers

9.00 Coffee

9.10 WELCOME WORDS: Katri Wegelius (Coordinator for the Doctoral Program Brain&Mind at University of Helsinki)

9.20–11.30 ORAL SESSION 1: LANGUAGE, MUSIC AND REHABILITATION

Chair: Anna Maria Alexandrou

9.20 **Sophie Scott** (University College London): *Streams of processing and hemispheric asymmetries in speech perception*

10.15 **Teppo Särkämö** (University of Helsinki): *Music, brain and rehabilitation*

11.10 Student talk: **Anni Nora** (Aalto University): *Cortical correlates of learning foreign language phonology in children and adults*

11.30–12.30 Lunch (& check-in)

12.30–15.00 ORAL SESSION 2: NEURAL OSCILLATIONS AND NETWORKS

Chair: Anton Tokariev

12.30 **Klaus Linkenkaer-Hansen** (VU University Amsterdam): *Does critical brain dynamics make critical minds?*

13.25 **Karim Jerbi** (Université de Montréal): *The Gamma People: From 50's science-fiction to 21st century electronica*

14.20 Student talk: **Juha Lahnakoski** (Aalto University): *Brain mechanisms underlying perception of naturalistic social events*

14.40 Student talk: **Dmitry Smirnov** (Aalto University): *Hyperclassification reveals shared representation of action execution and observation across interacting brains*

15.00–15.20 Coffee

15.20–17.10 ORAL SESSION 3: SLEEP AND ITS DISORDERS

Chair: Vilma Aho

15.20 **Karl Karlsson** (Reykjavik University): *Sleep in zebrafish: the knowns and the unknowns*

16.15 **Markku Partinen** (Vitalmed Sleep Disorders Clinic and Research Center and University of Helsinki): *Narcolepsy and other sleep disorders*

17.10–18.10 Poster session + snacks and drinks
18.20–20 Outdoor activities / swimming and sauna
20- Dinner
21- Smoke sauna

September 12

7.30-10.00 BREAKFAST (FOR HOTEL GUESTS)

10.00–12.05 ORAL SESSION 4: PHYSIOLOGY MEETS NEUROBIOLOGY 1

Chair: Hanna Antila

10.00 **Ipek Yalcin** (Institute of Cellular and Integrative Neurosciences, Strasbourg): *From nociception to pain - the role of brain and mind*

10.50 **Mikael Segerstråle** (University of Helsinki): *Is the cerebellum the answer? Changes in Purkinje neurons in 3 different genetically modified mouse strains.*

11.45 Student talk: **Mateusz Dudek** (University of Helsinki): *Assessment of neuronal connectivity and pharmacological treatment efficacy in animal model of alcoholism by translational MRI imaging*

12.05–13.00 Lunch (& check-out)

13.00–14.15 ORAL SESSION 5: PHYSIOLOGY MEETS NEUROBIOLOGY 2

Chair: Ester Orav

13.00 **Kai Kaila** (University of Helsinki): *KCC2 - a multifunctional protein in brain development and disease*

13.55 Student talk: **Dina Popova** (University of Helsinki): *Chronic administration of the antidepressant fluoxetine predisposes neuronal networks to elevated plasticity*

14.15-14.40 Coffee

14.40–16.30 ORAL SESSION 6: NEUROSCIENCE AND PHILOSOPHY

Chair: Anni Nora

14.40 **Paavo Pyrkänen** (University of Helsinki): *Consciousness as a problem for philosophy and neuroscience*

15.35 **Sophie Scott** (University College London): *Adventures in cognitive neuroscience - different ways of mapping the brain*

16:30-17:00 B&M students' general meeting and Q&A session with the B&M coordinators

17:00 Bus from Aavaranta to Helsinki