

Thursday 15.9.2016

08.30 – Check-in, coffee and cookies

09.00 – **Opening words**

09.10 – **Session 1: Fear, Emotion and Psychiatric disorders**

Beat Lutz (University Medical Center of the Johannes Gutenberg University Mainz, Germany): *The brain's bliss and the endocannabinoids*

Patrick Sullivan (UNC School of Medicine, USA): *Schizophrenia genomics - update and an agenda for progress*

10.50 – Coffee and snacks

11.20 – **Bayesian vs Frequentist Statistics: a JASP workshop**

Eric-Jan Wagenmakers (Founder, Executive Director of JASP, Netherlands)

12.50 – Lunch

13.50 – **Session 2: Complex systems of the brain**

Olaf Sporns (Indiana University, USA): *Computational connectomics: Modeling the structure and function of brain networks*

Michael Breakspear (QIMR Berghofer Medical Research Institute, Australia): *Structural, functional and effective connectivity in affective disorders*

15.30 – **Poster session**

17.00 – Moving to Virgin Oil Restaurant (Mannerheimintie 5) Pre-registration required.

17.20 – **Snapshot session**

18.20 – **Panel discussion: “The concept of causality: from philosophy to neuroscience”**

Moderator: Kai Kaila

19.20 – **Dinner** with a twist

21.00 – **Cocktail party**

Speakers: 40+10 minutes (talk+questions)

Students: 5 min in the snapshot session

Workshops: 1.5h

Friday 16.9.2016

09.30 – Coffee and cookies

10.00 – **Session 3: Synaptic plasticity**

Jos Prickaerts (Maastricht University, Netherlands): *PDE inhibitors as a target for cognition enhancement: a translational approach*

Eero Castrén (University of Helsinki, Finland): *Neuronal plasticity in the adult brain*

11.40 – Lunch

12.40 – **Session 4: Consciousness and empathy in the brain**

Christian Keysers (Netherlands Institute for Neuroscience, Netherlands):
The empathic brain

Lauri Parkkonen (Aalto University, Finland): *Probing consciousness by neuroimaging*

14.20 – Coffee and snacks

14.50 – **How to publish right: European Journal of Neuroscience gives opinion**

Paul Bolam (University of Oxford, UK)

16.20 – **Closing words.**

Awards for the Best Poster and Best Snapshot Talk.

Short meeting for the students and coordinators of the B&M doctoral program.

17.30 – **Grand Finale!**

Let's celebrate the end of our great symposium! Bar TBA, pay-for-yourself treat.

Posters

Author	Poster title
Amr Abou Elezz	A distinct population of actin filaments are essential for maintaining the axon initial segment
Venkat Swaroop Achuta	Altered differentiation of cells with AMPA receptors from human and mouse fragile X neural progenitors
Sergey Antonov	Microglia and Sleep: In-vivo imaging approaches combined with molecular genetics
Maria Hakonen	Predictive processing increases intelligibility of acoustically distorted speech: an fMRI study
Jenni Heikkilä	Audiovisual speech training for children with specific language impairment (SLI)
Hanna Kaltiainen	Theta-band cortical rhythms as a sign of dysfunction in traumatic brain injury patients
Onerva Korhonen	Coarse-graining to inconsistent ROIs induces spurious links in functional resting-state bra
Shrikanth Kulashakar	Neuronal Oscillations Reflect Processes Underlying Time Estimation
Mikaela Laine	Neural activity patterns of psychosocial stress in mice
Marie Mennesson	A comprehensive analysis of anxiety-like behavior in Neto1 knock-out mice
Jenni Puurunen	Non-targeted metabolite profiling reveals metabolic alterations in dogs with behavioral abnormalities
Tuulia Saarenpää	Zebrafish GDNF and GFRalpha-1 activate the human RET receptor and promote the survival of dopaminergic neurons in vitro
Heini Saarimäki	Classifying emotions from brain connectivity patterns
Eero Smeds	Cortical recovery rate of proprioceptive responses
Polina Stepanova	Effect of CDNF on the non-motor symptoms of PD
Polina Stoycheva	Hemispheric Asymmetry for Verbal and Nonverbal Stimuli during Haptic Memory Task
Wiebke Theilmann	Burst-suppressing EEG is not prerequisite for the ability of anesthetics to induce antidepressant-like signaling responses
Maksym Tokariev	White matter alterations in extremely prematurely born children
Sergei Tugin	Visual deviant stimuli produce mismatch responses in the amplitude dynamics of neuronal oscillations
Kärt Varendi	3'UTR targeting for studying gene function and neurodegenerative disease therapy
Patrik Wikman	Reward cues direct auditory attention and modulate fMRI activations in monkey auditory cortex
Xu Yan	FRMD4A-cytohesin signaling modulates the cellular release of tau
Venkatram Yellapragada	MKRN3 and its implications in the development and function of GnRH neurons
Alexander Zhigalov	Modular co-organization of functional connectivity and critical dynamics in the human brain
Kaisu Ölander	Working memory precision for emotional expressions of faces
Senem Merve Öztas	Fluoxetine disrupts TRK complex: PSD-93 and AP-2 complex subunit mu

Snapshot talks

Author	Snapshot talk title
Amr Abou Elezz	Remodelling Science
Sergey Antonov	Microglia and Sleep: In-vivo imaging approaches combined with molecular genetics.
Samuel Kohtala	Anesthesia and neuronal plasticity
Onerva Korhonen	The quest for consistency: Effects of node definition and preprocessing on the structure of functional brain networks
Anni Nora	Speech is special: decoding cortical representations for spoken words and natural sounds
Heini Saarimäki	Decoding emotions
Kärt Varendi	3'UTR targeting for studying gene function and neurodegenerative disease therapy
