B&M SYMPOSIUM 2018 POSTERS

#	Poster presenter		University	Poster title
1	Joonas	Iivanainen	Aalto University	Magnetic views on brain dynamics: Empirical estimates on the coherence lengths of neuromagnetic measurements with OPMs and SQUIDs
2	Julia	Jaatela	Aalto University	Anatomical variation of the sensorimotor cortices is related to postural stability
3	Amit	Jaiswal	Aalto University	Comparison of beamformer implementations in MEG source estimation.
4	Dovile	Kurmanaviciute	Aalto University	Offline vs. online decoding of attention-modulated auditory evoked fields
5	Narayan	Puthanmadam Subramaniyam	Aalto University	Estimation of dynamic functional connectivity from MEG data
6	Sara	Sommariva	Aalto University	An unsupervised clustering approach for MEG-informed cortical parcellation.
7	Sergei	Tugin	Aalto University	Visual mismatch responses in the neuronal oscillations
8	Rasmus	Zetter	Aalto University	An on-scalp MEG system based on optically-pumped magnetometers
9	Ivan	Zubarev	Aalto University	Anatomical variation of the sensorimotor cortices is related to postural stability
10	Jugoslava	Acimovic	Tampere University of Technology	Data-driven model of population dynamics in generic spiking neuronal networks: How much do we capture using the minimal model?
11	Mikko	Lehtimäki	Tampere University of Technology	Improvement of computational efficiency of a biochemical plasticity model

12	Marja-Leena	Linne	Tampere University of Technology	Computational modeling of neuron-astrocyte interactions: Evolution, reproducibility, comparability and future development of models
13	Sampsa	Pursiainen	Tampere University of Technology	Zeffiro interface: A fast and accurate EEG/MEG reconstruction in MATLAB
14	Heidi	Teppola-Gürel	Tampere University of Technology	Fast gabaergic neurotransmission inhibits diversely AMPA and NMDA receptor mediated network dynamics in cortical cultures: A model-driven experimental study
15	Diego	Baronio	University of Helsinki	The histaminergic system in neuropsychiatric disorders
16	Tom	Campbell	University of Helsinki	Ascending subcortical causal informational flow in a person with a cochlear implant.
17	Hamed	Haque	University of Helsinki	Concurrent alpha and beta phase synchronization underlies feature information in visual working memory
18	Hanna	Julku	University of Helsinki	Reduced visual cortical processing in anisometropic amblyopia
19	Katja	Junttila	University of Helsinki	The effect of seeing written word-form on spoken foreign-language learning in children
20	Sebnem	Kesaf	University of Helsinki	GluK2-NETO2 signaling regulates dendritic spine morphology in developing hippocampus
21	Kayeon	Kim	University of Helsinki	Cross frequency phase synchrony between theta/alpha and beta is linked to associative learning in rodent hippocampus
22	Maryna	Koskela	University of Helsinki	A mouse model to study alcohol drinking and craving in automated cages.
23	Kaisamari	Kostilainen	University of Helsinki	Kangaroo Families - The meaning of sound environment for the development of prematurely born infants
24	Mikaela	Laine	University of Helsinki	Gene-environment interaction in myelin plasticity after chronic psychosocial stress
25	Carina	Lund	University of Helsinki	Studying the mechanisms of puberty using human pluripotent stem cells

26	Santeri	Rouhinen	University of Helsinki	Spectral and anatomical patterns of large-scale synchronization predict human attentional capacity
27	Felix	Siebenhühner	University of Helsinki	Cross-frequency interactions in human resting state
28	Jaana	Simola	University of Helsinki	Critical dynamics in resting state oscillatory brain activity is associated with dopamine-related polymorhisms
29	Albert	Spoljaric	University of Helsinki	Vasopressin excites interneurons to suppress network activity across a broad span of brain maturity at birth
30	Inkeri	Spoljaric	University of Helsinki	Perinatal KCC2 mediated Cl- extrusion modulates spontaneous hippocampal network events in altricial rodents.
31	Sarah	Steffens	University of Helsinki	The impact of insufficient sleep on microglia morphology
32	Emma	Suppanen	University of Helsinki	Newborn infants show predictive inference of syllables in word-like items
33	Maksym	Tokariev	University of Helsinki	Functional organization of working memory in extremely prematurely born children at school age
34	Sheng H.	Wang	University of Helsinki	Bi-stable and multi-fractal dynamics in the human brain
35	Nitin	Williams	University of Helsinki	Phase-coupled sub-systems in human intra-cerebral recordings comprise functionally related, spatially contiguous regions
36	Rosa	Woldegebriel	University of Helsinki	Depletion of the mRNA export factor GANP underlies axonal neuropathy and intellectual disability
37	Simone	Macri	University of Helsinki	Cerebellum development, adaptation and evolution in Squamates