

Poster presentations

Posters will be displayed for the entire duration of the symposium. Each poster is assigned a slot during which the presenter is asked to be available at their poster:

Monday, October 6th, 11:50-13:00 for odd-numbered posters

Tuesday, October 7th, 11:50-13:00 for even-numbered posters

List of posters

Network Dynamics & Connectivity

1	A representational characterization of inter-area communication in the macaque ventral stream	Daniel Anthes	Mon
2	Stimulus-driven top-down computations in the visual cortex: a normative account	Katalin Ócsai, Ferenc Csikor	Tue
3	Structure in noise: Recurrent connectivity shapes neural variability to balance perceptual and cognitive demands	Jonas Terlau	Mon
4	Sensory robustness through top-down feedback and neural stochasticity in recurrent vision models	Antonino Greco	Tue
5	Frontocentral brain networks amplify action-oriented temporal prediction errors	Davide Sometti	Mon
6	Information transfer in the developing visual thalamus	Ruben A. Tikidji- Hamburyan	Tue

Neuroimaging, Methods & Modeling

7	Beyond deep versus superficial: true laminar inference with MEG	Maciej Szul	Mon
8	A Framework for Real-Time Laminar fMRI at 9.4 Tesla	Aslı Eroğlu	Tue
9	Tracking fatigue and effort with beta burst waveform shapes	Maciej Szul	Mon
10	Can Granger causality uncover laminar microcircuits? Yes, but...	Ruben Tammari	Tue
11	A Flexible Software and Hardware Framework for Multimodal Systems Neuroscience in Larval Zebrafish	Tim Hladnik, David Burkhardt	Mon

12	Layer-Specificity of Functional Connectivity Estimates with bSSFP fMRI	Simon Faßnacht	Tue
13	The causal structure of band-limited cortical dynamics	Paul Hege	Mon
14	Spike-field coupling predicts distinct oscillatory waveforms in the primate brain	Aleksejs Timcenko	Tue

Auditory, Language & Social Communication

15	Neuroelectric Signatures of Social Evaluative Conditioning – Learning Socioaffective Preferences Toward Unfamiliar Individuals	Minah Chang	Mon
16	Auditory perception elicited by laser stimulation from the outer ear through the tympanic membrane	Yuta Tamai	Tue
17	Audiological and Behavioral Classification of Tinnitus Subjects for further OPM-MEG analysis	Lea Müller	Mon
18	Audiological and Behavioral markers for Hyperacusis possibly identifiable with OPM-MEG	Marlon-Sean Deutscher	Tue
19	Spontaneous and Evoked Auditory Cortical activity traits in Tinnitus using OPM-MEG	Rodrigo Andrés Donoso San Martín	Mon
20	Gap Pre-pulse Inhibition of the Acoustic Startle in the objective assessment of tinnitus in humans using electroencephalography	Hongyu Lu	Tue
21	Prosodic Processing at Lexical and Sentential Levels: Linking Pitch and Duration Perception to Social-Pragmatic Communication	Peter Bang	Mon
22	Neural representations of speech content generalize across different production types	Vera A. Voigtländer	Tue
23	Constituent-Constrained Word Prediction during Speech Comprehension	Jiajie Zou	Mon
24	Neural Encoding of Context-Specific and Categorical Word Meaning During Semantic Disambiguation	Andrey Zyryanov	Tue
25	When words hit harder: Neural speech tracking is stronger for angry than for neutral speech at the word rate	Natálie Kikoťová	Mon
26	Invasive and non-invasive human brain recordings to natural sounds are predictable from a shared subspace	Mara Wolter	Tue
27	Modeling Spatial Hearing with Cochlear Implants Using Deep Neural Networks	Mohammed Raees Musliyar Kurungattil	Mon
28	Development of song sequences in Bengalese finches	Avani Prasad Koparkar	Tue
29	Perception of conspecific facial expressions by macaque monkeys in a behavioral paradigm transcends expression morphology	Ramona Siebert	Mon

30	Rhesus monkeys use both eye and head gaze to reallocate covert spatial attention facilitating visual perception	Masih Shafiei	Tue
31	Neuronal correlates of syllable sequence in Bengalese finch song	Jacqueline Göbl	Mon

Decision-Making, Control & Perception

32	Olfactory modeling of neurophysiological responses	Nick Menger	Tue
33	Foraging with the mind's eye: perceptual multistability as internal foraging	Shervin Safavi	Mon
34	Behavioral and Neural Variability Reveal Mechanisms of Saccadic Fatigue and Adaptation	Junya Inoue	Tue
35	Optimal Foraging by Learning the World Model	Roxana Zeraati	Mon
36	Risking your Tail: Modeling Individual Differences of Risk-sensitive Exploration using Bayes Adaptive Markov Decision Processes	Tingke Shen	Tue
37	Exploring the Neural Basis of Stimulus-Driven Overconfidence	Ema Zezelic	Mon
38	Neutral by Choice: Eliciting Cognitive States of Neutrality in Auditory Perceptual Decisions	Luzie Kallfaß	Tue
39	Quantifying external influences on neural signals underlying behaviour	Florian Sandhaeger	Mon
40	Beyond Action: Prediction in the Action-Null Space of Human Motor Cortex	Gabriela Iwama	Tue
41	The human brain represents choices abstractly independent of task and motor contexts	Katrina Quinn	Mon
42	Large-scale neuronal interactions in decision-making and attention	Marcus Siems	Tue
43	Investigating the Spectrum of Information Gathering Behaviors in OCD During Sequential Decision-Making	Ahmed Abdelrazik	Mon
44	Pavlovian conditioning of perceptual neural responses	Parisa Ahmadi Ghomrouri	Tue
45	Dopamine, Pavlovian Bias and Policy Evaluation in Anterior Cingulate Cortex	Azadeh Nazemorroaya	Mon
46	Scalp event-related potentials (ERPs) reflect distinct neural processes for attention shifts, perception, and decision-making in a visual search task	Vladislav Aksiotis	Tue
47	Cones as parallel feature channels: The role of the type-4 ('true-S') cones in mouse vision	Jana Orlandić	Mon
48	Natural gallery for mice: From dusk till dawn	Jane Yuyao Deng, Florian Salomon	Tue

Memory, Sleep & Learning

49	Cortico-subcortical interactions in primate working memory	Constantin Von Nicolai	Mon
50	Multiscale Representations in the Human Hippocampus	Anna-Lea Beyer	Tue
51	Wake consolidates event memory, sleep binds them with context	Xiu Miao	Mon
52	Gamma–Theta–Spike Coupling Coordinates Sequential Memory in Human MTL	Muthu Jeyanthi Prakash	Tue
53	Fractal and Oscillatory Neural Dynamics in Working Memory as a Function of Latent Stimulus Statistics	Michael Hahn	Mon
54	Multi-task Learning in the Human Brain	Tobias Ludwig	Tue
55	Brain Structures Governing Access to Working Memory	Joachim Bellet	Mon
56	Repairing with the night: Intervening in depression via sleep and memory	Püren Gürkan, Gülsu Akkaya	Tue
57	Why we linger: Memory encoding, rather than visual processing demand, drives fixation timing on natural scenes - Evidence from a large-scale MEG dataset	Philip Sulewski	Mon
58	Regulation of peripheral glucose levels during human sleep	Xuefeng Yang	Tue

Clinical, Translational & Neurological Disorders

59	Effect of Antiestrogenic Therapy on Brain Architecture of Women with Breast Cancer	Berfin Gülbahçe	Mon
60	The neural basis of image selection in a model of Alzheimer's Disease	Drew Sheets	Tue
61	Design and Fabrication of A Low Cost 3D Printed Myoelectric Hand Prosthesis	Nouran Gaber	Mon
62	SemioLLM: Evaluating Large Language Models for Diagnostic Reasoning from Unstructured Clinical Narratives in Epilepsy	Meghal Dani	Tue
63	Electrical stimulation in RA reveals species differences in the control of respiratory pressure	Abhilipsa Das	Mon