

6th International Conference on the Architecture of Memory

19.-21.06.2024; Leibniz Institute for Neurobiology, Magdeburg, Germany

Time	Wednesday June 19th	Time	Thursday June 20th	Time	Friday June 21st
09:30 - 09:40	"Welcome" Prof. Dr. Sauvage	09:30 - 10:10	Stefan Köhler (Western University, CA) Dissociations and associations between pattern separation and statistical learning	09:30 - 10:10	Jozsef Csicsvari (Institute of Science and Technology, AT) REM and non-REM sleep antagonistically influence reactivation drift in the hippocampus
09:40 - 10:50	Data Blitz Session Part I		Oliver Stork (OvGU, DE) Local circuit mechanisms in the dentate gyrus controlling fear memory strength and specificity	10:10 - 10:50	Monika Schönauer (Univ. Freiburg, DE) Reactivation drives memory consolidation during wakefulness and sleep
10:50 - 11:00	Coffee	10:50 - 11:20	Coffee	10:50 - 11:20	Coffee
11:20 - 12:00	Data Blitz Session Part II	11:20 - 12:00	Charan Ranganath (Univ. of CA, USA) Crashing the Gates of Memory	11:20 - 12:00	David Berron (DZNE Magdeburg, DE/ Lund Univ., SE) Novel unsupervised and remote visual memory assessments for disease-stage specific detection, prognosis and monitoring of cognitive impairment in Alzheimer's disease
12:00 - 13:00	Lunch Break	12:00 - 13:00	Lunch Break	12:00 - 13:00	Lunch Break
13:00 - 13:50	Students/ Speakers Round Table	13:00 - 13:50	Students/ Speakers Round Table	13:00 - 13:50	Students/ Speakers Round Table
14:00 - 14:40	Morris Moscovitch (Univ. of Toronto, CA) Memory consolidation and re-organization: Details, gist and schemas	14:00 - 14:40	Thomas McHugh (Riken Center for Brain Science, JP) Subcortical modulation of hippocampal memory	14:00 - 14:40	Christian Doeller (MPI for Human Cognitive and Brain Sciences Leipzig, DE) Structuring experience in cognitive spaces
14:40 - 15:20	Magdalena Sauvage (LIN/ OvGU) Medial temporal lobe memory subnetworks across time and dimensions	14:40 - 15:20	Stefan Remy (LIN/ OvGU, DE) The medial septum - cell-type diversity, circuit connectivity and relevance for behaviour	14:40 - 15:20	Motoharu Yoshida (DZNE) Persistent firing in single cells support working memory and spatial representation
		15:20 - 15:25	Group picture (in front of the LIN)		
15:20 - 15:40	Coffee	15:25 - 15:40	Coffee	15:20 - 15:40	Coffee
15:40 - 16:20	Svenja Brodt (MPI for Biological Cybernetics, DE) The hippocampal contribution to rapid neocortical learning	15:40 - 16:20	Sanja Mikulovic (LIN, DE) 'Learning to be good' engages the dorsal hippocampus: focus on emotional contagion and helping behavior	15:40 - 16:20	Ora Ohana (Center for Molecular Neurobiology Hamburg, DE) The activity-regulated gene Arc/Arg3.1 orchestrates a critical period in the development of learning, memory, and hippocampal networks
16:20 - 17:00	Open Discussion	16:20 - 17:00	Open Discussion	16:20 - 17:00	Open Discussion