

Sprecher des Symposiums:

- Christian Büchel, Hamburg, "Prediction Errors in Human Learning"
- Hagai Bergman, Jerusalem, "Information processing in the critic-actor networks of the basal ganglia"
- Ronald L. Davis, Houston, "Memory traces of Drosophila olfactory learning"
- Andreas Draguhn, Heidelberg, "Definition of hippocampal cell assemblies"
- Emrah Düzel, Magdeburg, "Functional Phenotyping of Successful Aging in Long-Term Memory"
- Elke Edelmann, Magdeburg, "Stimulation paradigms inducing STDP in CA1: potential roles for dopamine and BDNF"
- Ingrid Ehrlich, Tübingen, "Learning-induced plasticity in the amygdala"
- André Fischer, Göttingen, "The epigenome of neuropsychiatric diseases"
- Randy Gallistel, Rutgers, NJ, "Memory and the computational brain"
- Arvind Govindarjan, Boston, "The dendritic branch is a unit of storage for long-term memory engrams"
- Andreas Heinz, Berlin, "Neurobiology of reward systems: relevance for learning, addiction and psychosis"
- Dorothee Heipertz, Magdeburg, "Behavioral tagging in humans: Enhancement of memory in the context of novelty"
- Ivan Izquierdo, Porto Alegre, "Memory Persistence" (Hans-Jürgen Matthies Honorary Lecture)
- Bong-Kiun Kaang, Seoul, "Role of PI3K in synaptic plasticity and memory"
- Eun Joon Kim, Daejeon, "Roles of Rac 1-regulatory proteins in synaptic plasticity and learning and memory"
- Thomas Klausberger, London, "Theta oscillations in the medial prefrontal cortex"
- Angela Kolodziej, Magdeburg, "Auditory Learning in rodents with appetitive and aversive reinforcers"
- Kerstin Krauel, Magdeburg, "Reward-dependent learning in children and adolescents with attention deficit hyperactivity disorder"
- Maria C. Martinez, Buenos Aires, "Bringing synaptic tagging into behavior"
- Amy Milton, Cambridge, "CS-drug memory reconsolidation and the prevention of relapse"
- Lennart Mucke, San Francisco, "Mechanisms Underlying Cognitive Deficits in Models of Alzheimer's Disease"
- Thomas Münte, Lübeck, "Neuroimaging approaches to study functional and structural changes in neurodegeneration"
- Daisuke Okada, Tokyo, "Input-specific spine entry of soma-derived Ves1-1S protein conforms to synaptic tagging"
- Andreas Papassotiropoulos, Basel, "Genetics of human memory: From physiology to disease"
- Kobi Rosenblum, Haifa, "Protein Availability in the Cortex and Memory Consolidation: The Taste Case"
- Dietmar Schmitz, Berlin, "Role of PRG-1 in synaptic transmission and epilepsy"
- Erin Schuman, Frankfurt, "Local Control at Synapses"
- Shihab A Shamma, Maryland, "Adaptive neural processing during aversive and appetitive behaviors"
- Wayne Sossin, Montreal, "Translational control during memory; how the translational apparatus is tuned to produce distinct proteins from different inputs"
- Rainer Spanagel, Mannheim, "Alcoholism: A Systems Approach from Genes to Addictive Behaviour"
- Nelson Spruston, Evanston, "The role of backpropagating action potentials and dendritic spikes in the induction of LTP at synapses on hippocampal CA1 pyramidal neurons"