

Call for Abstracts

- ▶ Opening Lecture
Richard Morris (Edinburgh, UK)
Memory consolidation – synaptic tagging and schemas
- ▶ Zülch Lecture
Wolfram Schultz (Cambridge, UK)
Neuronal signals for reward, risk and economic decisions
- ▶ Hertie-Lecture
Tamás Freund (Budapest, Hungary)
Subcortical control of hippocampal electrical activity
- ▶ Elsner-Lecture
Michael Stryker (San Francisco, USA)
A neural circuit that controls plasticity and the gain of sensory responses in mouse visual cortex
- ▶ Roger Eckert Lecture
Eric Jorgensen (Salt Lake City, USA)
Ultrafast endocytosis: Revisiting Heuser and Reese in the 21st century
- ▶ Florey Lecture
Maiken Nedergaard (Copenhagen, Denmark)
Emerging concepts on the roles of astrocytes
- ▶ Creutzfeldt Lecture
Sabine Kastner (Princeton, USA)
Perceptual and cognitive functions of the thalamus
- ▶ Recent advances in basal ganglia research: action-selection, movement and pathologies
- ▶ Regeneration in the injured spinal cord – hopes and perspectives
- ▶ Regulation of normal and impaired sleep
- ▶ The emerging etiopathogenic role of infections and inflammation in chronic CNS diseases
- ▶ The ontogeny of entorhinal circuitry and function
- ▶ Timing and valence in associative learning
- ▶ Ultramicroscopy for imaging the central nervous system and its pathological alterations
- ▶ When the effect determines the cause – sensory consequences of self-action and their relevance for planning, control, and perceptual interpretation of one's behavior

Symposia

- ▶ Actin cytoskeleton in neuronal morphogenesis and plasticity
- ▶ Adaptation and plasticity in a distorted sense of hearing during tinnitus and hyperacusis
- ▶ Astrocytes as new targets for antiepileptic drugs
- ▶ Balancing change and stability: homeostatic plasticity in the central nervous system
- ▶ Brain tumours strongly interact with different cell types in the CNS: biological mechanisms and therapeutic impact
- ▶ Cellular adaptations for temporal precision in the auditory system
- ▶ Contribution of astrocyte connexins to neuroglial interaction in the healthy and diseased brain
- ▶ DBS-underlying mechanisms
- ▶ Functional consequences of sensory loss and restoration
- ▶ Integrative study of the social insect brain – combining neuroethological and computational approaches
- ▶ Is insect odor transduction primarily based upon an orco-dependent ionotropic mechanism or on metabotropic cascades?
- ▶ Mechanisms of synchronization and coordination of neural oscillators
- ▶ Microcephaly and developmental defects of the brain
- ▶ Microglia and brain tumors: friends or foes?
- ▶ Modeling evolution, neuronal development and neurodegenerative disorders using mammalian induced pluripotent stem cells
- ▶ Molecular, neuronal and behavioural effects of oxytocin: a translational approach
- ▶ Nanostructure and function of presynaptic active zones
- ▶ Neural functions of adhesion molecule-related glycans
- ▶ Neural mechanisms underlying spatial orientation in insects
- ▶ Neuronal basis of vocal communication in vertebrates – from genes to physiology to behavior
- ▶ Neuronal mechanisms of behavioural timing
- ▶ Novel mechanisms influencing synaptic plasticity at GABAergic synapses
- ▶ Processing of acoustic pulse patterns: common themes in different brains?
- ▶ Processing of temporal stimulus cues in the insect olfactory system
- ▶ Recent advances in basal ganglia research: action-selection, movement and pathologies
- ▶ Regeneration in the injured spinal cord – hopes and perspectives
- ▶ Regulation of normal and impaired sleep
- ▶ The emerging etiopathogenic role of infections and inflammation in chronic CNS diseases
- ▶ The ontogeny of entorhinal circuitry and function
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Deadline: October 1, 2014

Eleventh Göttingen Meeting of the German Neuroscience Society

www.nwg-goettingen.de/2015

March 18–21, 2015

Stipends:

The German Neuroscience Society will provide stipends for young qualified researchers. Details will be announced at <http://www.nwg-goettingen.de/2015/>

The programmes of the last meetings are available at

<http://nwg.glia.mdc-berlin.de/de/conference/archive/>

Registration, Abstract Submission, and Exhibition

The Deadline for submission of poster abstracts and early registration is October 1, 2014. For information on abstract submission and registration please visit the meeting's website: <http://www.nwg-goettingen.de/2015>

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Chair

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Stipends

The German Neuroscience Society provides stipends for young qualified investigators. **The deadline for application is October 1, 2014.**

Applications must be submitted via the website of the German Neuroscience Society including

- a short CV
- a copy of the abstract
- a list of publications
- a letter of recommendation from a senior scientist