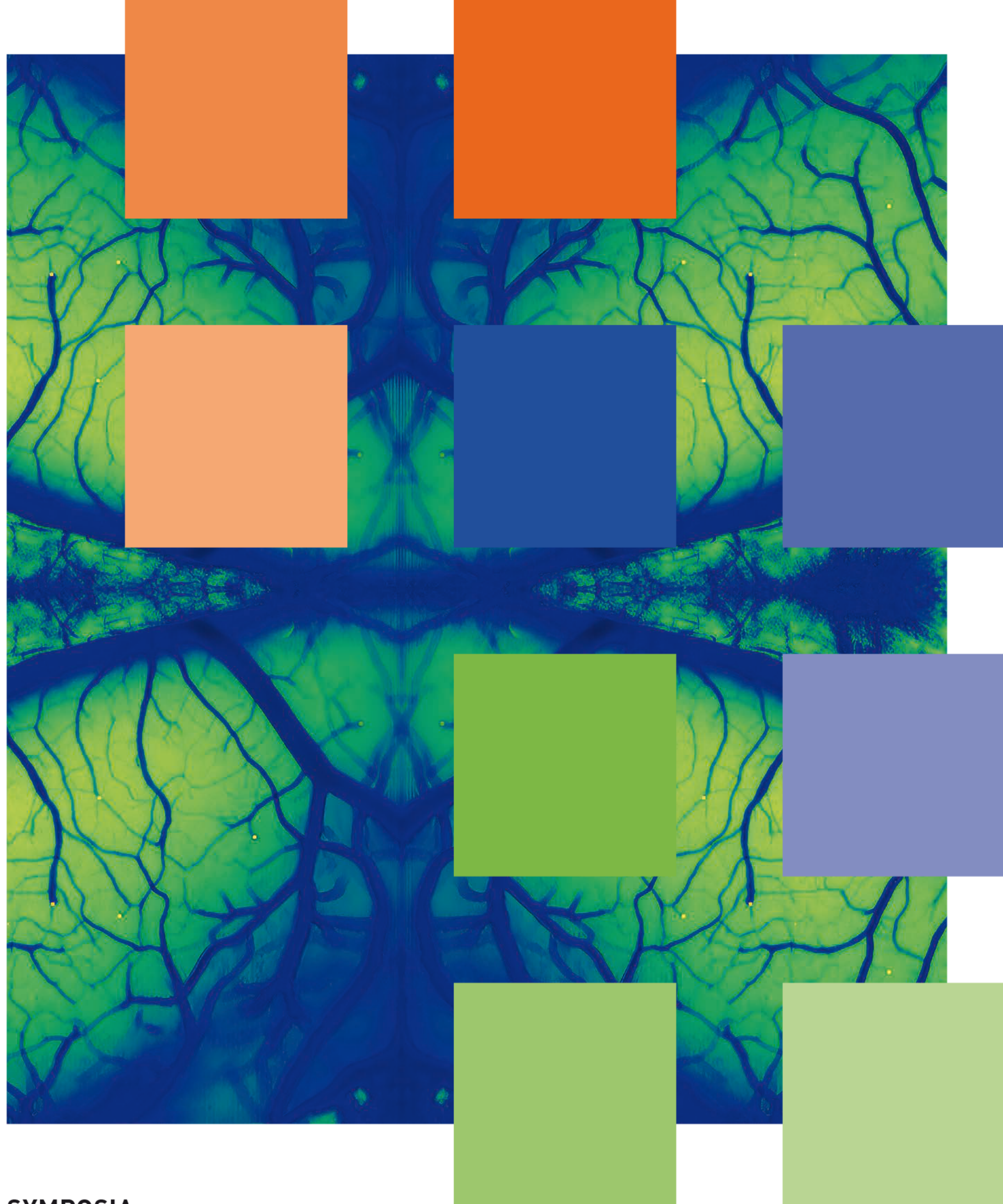


17th Göttingen Meeting of the German Neuroscience Society March 17–19 2027



PLENARY LECTURES

Founders' Lecture
Abdel El Manira |
Stockholm, Sweden
Brain circuits for flexible locomotion

Translational Neuroscience
Lecture of the Gertrud
Reemtsma Foundation
Michelle Monje |
Stanford, USA
The neuroscience of brain cancer

Armin Schram Lecture
Ira Milosevic |
Oxford, UK
Towards improving organellar acidification and genome stability in the ageing brain

Hertie Foundation Lecture
Richard Naud |
Ottawa, Canada
Towards a burst-coded solution of the credit assignment problem

Norbert Elsner Lecture
Rohini Kuner |
Heidelberg, Germany
Cortical plasticity in chronic pain and pain relief

Registration, Abstract Submission, and Stipend Application

The deadline for submission of poster abstracts, early registration, and stipend applications is **October 14, 2026**

For information on abstract submission and registration please visit the meeting's website: www.nwg-goettingen.de/2027

Neurowissenschaftliche Gesellschaft e.V.

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Chair

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Stipends
The German Neuroscience Society provides stipends for young qualified investigators. 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



https://nwg-info.de/en/careers/grants/goettingen_conference

SYMPOSIA

- › Adult neurogenesis in injury and aging
- › Animal research in neuroscience: for knowledge and progress
- › Behavioral regulation by hippocampal circuits: subcortical inputs, outputs, and state-dependent network dynamics
- › Beyond neurons: oxytocin signaling in glial cells
- › Breathing: the enigmatic yet essential brain function – a tribute to Professor Diethelm W. Richter
- › Computational neuroscience of group behavior: social brains, swarms, and multi-agent AI
- › Computational neuroscience: from cellular dynamics and organoids to sensory processing and cognition
- › Cross-species perspectives on pesticide neurotoxicity
- › From burden to benefit: translating model-tailored severity assessment into scientific value
- › From genomes to circuits: engineering non-model insects for systems neuroscience
- › Functional phase transitions shaping neuronal physiology
- › Illuminating neural networks: integrating connectomics with molecular and behavioral neuroscience
- › Inside and outside the synapse – challenging dogmas of synaptic signaling and neuromodulation
- › Molecular tempo in the developing and aging brain: mechanisms and evolutionary insights
- › Networks and areas in cognitive neuropsychology
- › Neuronal control of adaptive locomotion in flies and mice
- › Neuroscience and cancer
- › New evidence for functional and causal roles of oscillatory activity in cognition and behavior
- › Next level optical approaches to interrogate neural network modulation, function and behavior
- › On error
- › Real-time perception and the role of fast neuronal response adaptations in animals and humans
- › Reconciling stable memory and perception with representational drift
- › Sensors and circuits for magnetic orientation in animals
- › Smelling back and forth: modulation of olfaction via recurrent circuits across phyla
- › Subcellular crosstalk: organelle interactions in neural physiology and development
- › Synaptic heterogeneity in the flexibility and robustness of nervous system function
- › The emerging neuroimmunological role of the skull
- › The glial blood-brain barrier in circum-ventricular organs
- › The thalamus as a hub for cognitive control and network reorganization
- › Vocal sequences as windows onto the neurobiology of vocal communication

Deadline: October 14, 2026
www.nwg-goettingen.de/2027



The programmes of the last meetings are available at www.nwg-info.de/meetings/jahrestagung/archive

NWG

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Call for Abstracts