



## Scientific Advisory Board

### [Prof. Dr. Hans-Jochen Heinze](#)

University Department of Neurology  
University Medical Center Magdeburg A.ö.R.

Professor Heinze is head of the University Department of Neurology at the Otto-von-Guericke-Universität Magdeburg. Since 1997 he is also director of the imaging center in Magdeburg, since 2002 main coordinator of the Center for Advanced Imaging (CAI), Magdeburg-Bremen. Hans-Jochen Heinze is one of the most international leading scientists in the area of Cognitive Brain Imaging. His studies on neural organisation of visual attention in humans are the basis for the combined spatio-temporal analysis of higher brain functions, one of the most promising developments of systematic neurosciences. Furthermore, he worked on several topics of cognitive neuroscience, especially on the neural mechanisms of memory. He integrated the newly developed imaging methods successfully into neuroscience. Under his leadership, the Department of Neurology in Magdeburg developed to a reference center for several diseases of the CNS. Hans-Jochen Heinze has published his work in leading international scientific journals, e.g. Nature, Nature Neuroscience, PNAS, Neuron and Journal of Neuroscience.



### [Prof. em. Dr. Melitta Schachner Camartin](#)

Center for Molecular Neurobiology (ZMNH)  
University Medical Center Hamburg-Eppendorf (UKE)

Prof. Schachner Camartin is head of the Institute for Biosynthesis of Neural Structures Hamburg (ZMNH) of the University Hamburg. The aim of the ZMNH research is to understand the molecular events that mediate communication among cells in the nervous system not only during the ontogenetic formation of connections, but also in the adult nervous system under conditions of synaptic plasticity and trauma. Prof. Schachner Camartin belongs to the most frequently cited neuroscientists in the world. She is member of several scientific boards of renowned scientific journals and research institutions.



### [Prof. Dr. Henning Scheich](#)

Center for Learning and Memory Research Magdeburg  
Leibniz Institute for Neurobiology (IFN)

Prof. Scheich is head of the Department Auditory Learning and Speech under the roof of the Leibniz Institute for Neurobiology (IFN) in Magdeburg. His research focus on the basics of brain mechanisms of learning and memory processes and their pathological disorders. To elucidate these mechanisms, methods from the field of molecular biology, cellular biology, behavioral biology and systemic physiology are carried out. The Institute is member of the the Leibniz Association (Wissenschaftsgemeinschaft Gottfried Wilhelm Leibniz e.V., WGL). Prof. Scheich's main interest is to gain detailed knowledge in acoustic learning and speech, for example the basic mechanisms of auditory pattern recognition.



*Sie sind hier: [Forschung](#) > [ZSN-Hannover](#) > [Scientific Advisory Board](#)*

---

Dieses PDF-Dokument wurde dynamisch auf [www.tiho-hannover.de](http://www.tiho-hannover.de) erstellt.

Letzte Aktualisierung dieses Dokumentes: 20. Juli 2017

© Stiftung Tierärztliche Hochschule Hannover, Bünteweg 2, 30559 Hannover, Tel.: +49 511 953-60