

FAIM-Workshop „Neuronale Sonden zur Tiefenhirnstimulation“, 20.4.2012

Program

All talks will be in English.

Moderation: Prof. Dr. Ulrich Egert

- 14:00 *Welcome address*
Prof. Dr. Thomas Stieglitz & Prof. Dr. Ulrich Egert
Department of Microsystems Engineering (IMTEK),
University of Freiburg
- 14:15 **Clinical applications of deep brain stimulation**
Prof. Dr. Veerle Visser-Vandewalle
Dep. of Neurosurgery, Maastricht Institute for
Neuromodulative Development, University Hospital
of Maastricht
- 15:00 **Deconstruction of DBS mechanisms based on
models of Parkinson's disease related scillations**
Dr. Arvind Kumar
Bernstein Center Freiburg, University of Freiburg
- 15:45 *Coffee break*
- 16:15 **High resolution probes for steering brain
stimulation**
Prof. Dr. Michel M.J. Decré
Founder and Chief Technology Officer Sapiens
Steering Brain Stimulation B.V., Eindhoven,
The Netherlands
- 17:00 **Trends and challenges in neural implants for
deep brain stimulation**
Prof. Dr. Thomas Stieglitz
- 17:45 *General Discussion*
led by Ulrich Egert
- 18:15 *Wine reception*

Forum Angewandte
Informatik und
Mikrosystemtechnik (FAIM)

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