



Human Brain Project

TUM Neurorobotics Symposium

April 12, 2016

Venue

TUM Institute for Advanced Study
Lichtenbergstraße 2 a
85748 Garching

Agenda

- 10:30 – 10:45 Welcome & Introduction to HBP Platforms (Prof. Alois Knoll, TUM)
- 10:45 – 11:00 Overview HBP Neurorobotics (Dr. Florian Röhrbein, TUM)
- 11:00 – 11:30 Multi-Scale Robotics (Prof. Toshio Fukuda, Nagoya University / Meijo University, Beijing Institute of Technology)
- 11:30 – 12:00 Myrobotics / Roboy Demo (Rafael Hostettler, TUM)
- 12:00 – 12:30 Standing Lunch
- 12:30 – 13:00 Modelling Cortical Sensor-Motor Control Functionalities with a Spiking Neural-Robot Control Network (Prof. Rüdiger Dillmann, KIT)
- 13:00 – 13:30 Neuromorphic Demo (Prof. Jörg Conradt, Dr. Christoph Richter, TUM)
- 13:30 – 14:30 Organizational Structure for SGA1 (Dr. Marc-Oliver Gewaltig, EPFL)
- 14:30 – 15:00 Coffee Break
- 15:00 – 15:20 Platform Demo (Axel von Arnim, fortiss)
- 15:20 – 15:50 Brain-inspired Mechanisms for Humanoid Robots (Dr. Egidio Falotico, SSSA)
- 15:50 – 16:00 Closing Remarks