

“Advanced Cross-Disciplinary Challenges for Extreme Innovation” October 14th, 2016

Hörsaal Innere Medizin (H4/5-O25, h 13.00)-Ulm University

Introduction:

13.00 Prof. Tobias Boeckers
(Institute of Anatomy and Cell Biology, Ulm University)
Where none has gone before....

Keynote:

13.30 Dr. Andrea Accomazzo (Flight director Rosetta probe, ESA)
At the helm of a spacecraft: the Rosetta mission

14.00 Prof. Tommaso Calarco (Institute of Quantum complexity, Ulm University)
Integrated quantum science and technology

14.25 Prof. Peter Radermacher (Center for Trauma Research, Ulm University)
Towards suspended animation

14.50 Prof. Peter Bäuerle (Institute of Organic Chemistry II and Advanced Materials, Ulm University)
Harvesting light with organic molecules

15.15 Prof. Albert Ludolph (Department of Neurology, Ulm University)
Preventing neurological disease: the future of neurology

15.40 Coffee Break

16.00 Prof. Jens Michaelis (Institute of Biophysics, Ulm University)
Imaging beyond the barriers of light

16.25 Prof. Günter Palm (Institute of Neuroinformatics, Ulm University)
Building artificial minds

16.50 Prof. Florian Gebhard (Department of Orthopedic Trauma, Hand, Plastic and Reconstruction, Ulm University)
Robotic surgery

17.15 Francesco Roselli (Dept. of Neurology and Institute of Anatomy and Cell Biology, Ulm University)
Wiring and rewiring of the brain

Concluding remarks

17.40 prof. Tobias Boeckers
(Institute of Anatomy and Cell Biology, Ulm University)
“Live long and prosper”