Symposium “IRIS 2015”
Friday, July 10th 2015, 9:00–16:00 Uhr
Campus Adlershof of the Humboldt-Universität zu Berlin
Erwin Schrödinger-Zentrum, Room o’119, Rudower Chaussee 26, 12489 Berlin

Welcome
Jan-Hendrik Olbertz: Welcome Address
Jürgen P. Rabe: IRIS 2015—Ambitions, Achievements, Perspectives

Analytical Sciences and Biological Physics
Ulrich Panne: Analytical Sciences in Action: The Graduate School SALSA
Andreas Herrmann: Molecular Mechanisms of Virus Cell Entry Studied at Single Virus Level
Robert Ros: Mechanical Nanotomography of Cells invading 3D-matrices

Computation in the Sciences, Complex Systems & Mathematical Physics
Johann-Christoph Freytag: Big Data and Science: Is There More You Can Ask For?
Igor Sokolov: Nanophase Separation in a Slit Pore: From Picture to Numbers and Back
Michael Hintermüller: Sparsity Preserving Reconstructions and Decompositions in (Mathematical) Image Processing

Experimental Systems
Christian Kassung: Analogue Versus Digital - An Obsolete Distinction?

Hybrid Systems
Nicola Pinna: Novel Strategies to Metal Oxide Hybrid Nanostructures
Kurt Busch: Some Thoughts on Hybrid Photonic Systems

Barbecue
Tim’s Canadian Deli: Antipasti, Chicken-Sate, Bratwurst, & Beer

www.iris-adlershof.de/iris2015