

Symposium in Honor of
Hajo Freund and Joachim Sauer
CROSSROADS IN PHYSICAL CHEMISTRY
EXPERIMENT MEETS THEORY

October 14/15, 2019 Harnack-Haus, Hahn Lecture Hall

Inhnestraße 16-20, 14195 Berlin, Germany

Preliminary PROGRAM

Monday, October 14, 2019

14:00 Welcome - Robert Schlögl
14:15 Laudationes – Helmut Schwarz, TU Berlin

SESSION 1 Chair: Richard Catlow, Cardiff Catalysis Institute

14:45 **Ulrike Diebold**, TU Vienna
„Scanning Probe Microscopy of Metal Oxides: Blobology and Beyond“
15:45 – 16:15 Coffee Break
16:15 **Hans-Peter Steinrück**, Friedrich-Alexander-Universität Erlangen-Nürnberg
„Surface Chemistry of Complex Molecular Systems“
17:15 **John C. Hemminger**, University of California
„Molecular Solvation Interactions at the Liquid/Vapor Interface of Aqueous and Non-Aqueous Solutions: Photoemission Experiments and MD Simulations“
18:30 – 20:00 Reception
19:15 Speakers' Dinner
Dinner speech: Sir John Meurig Thomas, Cambridge University

Tuesday, October 15, 2019

SESSION 2 Chair: Jörg Libuda, Friedrich-Alexander-Universität Erlangen-Nürnberg

9:00 **Gianfranco Pacchioni**, University of Milano
„Surfaces without Secrets“
10:00- 10:30 Coffee Break
10:30 **Johannes Lercher**, TU München
11:30 **Laura Gagliardi**, University of Minnesota
Beyond Density Functional Theory: The Muticonfigurational Approach in Computational Heterogeneous Catalysis“
12:30 – 14:00 Lunch
14:00 **Knut Asmis**, Leipzig University
„Single Nanoparticle Action Spectroscopy“
15:00 **Cynthia Friend**, Harvard University
tba.
16:00 Final Remarks