

**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

PROGRAM

Monday, October 14, 2019

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| 14:00 | Welcome - Robert Schlögl , FHI |
| 14:05 | Presentation of the „Festschrift“, Marcus Bäumer , Uni Bremen |
| 14:15 | Laudationes – Helmut Schwarz , TU Berlin |
| SESSION 1 | 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 – 20:30 | Reception |

Tuesday, October 15, 2019

SESSION 2 **Jörg Libuda**, Friedrich-Alexander-Universität Erlangen-Nürnberg

- 9:00 **Gianfranco Pacchioni**, University of University of Milano-Bicocca
„Surfaces without Secrets“
- 10:00- 10:30 Coffee Break
- 10:30 **Johannes Lercher**, TU München
“Self-organization in Micropores and the Consequences for Catalysis”
- 11:30 **Laura Gagliardi**, University of Minnesota
„Beyond Density Functional Theory: the Multiconfigurational 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
“Fundamental Surface Chemistry for Catalysis Design“
- 16:00 Final Remarks