

Preliminary Schedule 2010 CCSS - UniCat Annual Scientific Meeting
<http://www.northwestern.edu/catalysis/annualscientificmtg.html>

Thursday, August 19, 2010

- 8:00 a.m. Registration/Continental Breakfast
- 8:30 – 9:00 a.m. **Welcome: “UniCat’s Research and Aims”**
Prof. Dr. Matthias Driess, Technische Universität Berlin
Prof. Peter C. Stair, Northwestern University
- 9:00 – 9:40 a.m. **Prof. Dr. Robert Bittl**, Freie Universität Berlin, “*Biocatalysis in UniCat: Examples from Water Oxidation and Hydrogen Cleavage*”
- 9:40 -10:20 a.m. **Prof. Richard Van Duyne**, Northwestern Univ., “*SERS, TERS, and Catalysis*”
- 10:20 – 10:50 a.m. *Coffee Break*
- 10:50 – 11:30 a.m. **Prof. Dr. Joachim Sauer**, Humboldt Universität zu Berlin, Title: *TBA*
- 11:30 – 12:10 p.m. **Dr. Larry Curtiss**, Argonne National Laboratory, Title: *TBA*
- 12:20 – 2:20 p.m. *Lunch and Poster Session, Allen Center, Atrium*
- 2:20 – 3:00 p.m. **Prof. Dr. Reinhard Schomäcker**, Technische Universität Berlin, “*Oxidative Coupling of Methane - From Catalyst Testing to Process Design*”
- 3:00 – 3:40 p.m. **Prof. Linda Broadbelt**, Northwestern Univ., “*Design of Biomimetic Catalysts Using Molecular Modeling*”
- 3:40 – 4:10 p.m. *Coffee Break*
- 4:10 – 4:50 p.m. **Prof. Dr. Holger Dobbek**, Humboldt Universität zu Berlin, “*Metalloenzymes in the Activation of CO₂ and CO: A Perspective from Structural Biology*”
- 4:50 - 5:30 p.m. **Ramakrishnan Balasubramanian**, Northwestern Univ., “*The Biological Oxidation of Methane to Methanol*”
- 6:00 p.m. *Dinner**, Allen Center (**Registration fee required*)

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Friday, August 20, 2010

- 9:00 – 9:50 a.m. **Prof. Dr. Arne Thomas**, Technische Universität Berlin, “*Porous Organic Frameworks for Catalytic Applications*”
- 9:50 – 10:30 a.m. **Prof. SonBinh Nguyen**, Northwestern Univ., “*Metal-Organic Frameworks (MOFs) and Porous Organic Polymers (POPs) as Versatile Platforms for the Deployment of Homogeneous Catalysts*”
- 10:30 – 11:00 a.m. Coffee Break
- 11:00 – 11:40 a.m. **Prof. Christian Limberg**, Humboldt Universität zu Berlin, “*N₂ and H₂ Activation by β -diketiminato Nickel(I) Ccomplexes and Hydrogenase-like Activity of Resulting Hydrides*”
- 11:40 – 12:20 p.m. **Dr. Jeffrey Elam**, Argonne National Laboratory, “*Atomic Layer Deposition for Catalyst Synthesis*”
- Closed Session**
- 12:30 – 2:00 p.m. Working Lunch, Allen Center
- 2:00 – 3:00 p.m. Meeting as a Whole