

Final Agenda
Catalysis Workshop
October 29-30, 2009
Brookhaven National Laboratory
Building 703

Thursday, October 29

8:00 - 8:45	Continental breakfast (outside meeting room)
8:45 - 8:50	Dick Crooks (UT-Austin): Introduction
8:50 - 8:55	Raul Miranda (DOE-BES): Welcome
8:55 - 9:10	Chi-Chang Kao (Chairman of the NSLS): Overview
9:10 - 9:50	Radoslav Adzic (BNL/NSLS): Oxygen Reduction Electrocatalysis: Recent Advances and Existing Challenges
9:50 - 10:30	Coffee break & Group Photo
10:30 - 11:10	Graeme Henkelman (UT-Austin): Modeling Core-Shell Nanoparticles for Oxygen Reduction
11:10 - 11:50	Ralph Nuzzo (UI-Urbana): Dynamics and Atomic Structure in Heterogeneous Catalytic Materials: Foundations for Understanding Chemical Rate
11:50 - 1:15	Lunch (on site)
1:15 - 1:50	Judith Yang (U. Pittsburgh): Structural Characterization of Supported Nanoparticles by TEM/STEM: Potential and Limitations
1:50 - 2:25	Yimei Zhu (BNL): Electron microscopy facilities and resources at BNL for catalysis
2:25 - 3:00	Emil Bozin (Columbia): Structure of Materials on the Nanoscale: Total Scattering and Atomic Pair Distribution Function (PDF) Method
3:00 - 3:35	Anatoly Frenkel (Yeshiva/NSLS): X-ray Absorption Spectroscopy of Catalytic Materials: ex situ, in situ, and operando
3:35 - 4:00	Jingguang Chen (U. Delaware): DFT Prediction and Experimental Verification of Pt-3d-Pt Stability
4:00 - 4:30	Break

4:30 – 6:00 Poster Session/Reception (Berkner Hall, Café – Building 488)

6:00 - 8:00 Dinner (Berkner Hall, Café – Building 488)

Friday, October 30

8:15 – 9:00 Continental breakfast outside meeting room

9:00 - 10:30 Peter Sutter-Proximal Probes Facility
Group discussion on collaborative research, needs, and synergy
Participants should feel free to bring 2 or 3 slides to this session if they wish to make a specific point.

10:30 -11:00 Coffee break

11:00 - 12:00 Group organization, future meetings, and remote interactions

12:00 Meeting adjourns