

# Surface Science & Catalysis Seminar

Lawrence Berkeley National Laboratory, Bldg. 66 Auditorium  
1:30-2:30 p.m.

**March 26, 2009**

**An Atomic-Scale Look at Magnetism on Surfaces**

Dr. Andreas Heinrich, IBM Almaden

**April 2, 2009**

**Computational Search for Selective Hydrogenation Catalysts**

Professor Thomas Bligaard, Dept. of Physics, Technical University of Denmark

**April 16, 2009**

**Utilizing Chemistry to Put Thin Films in Motion**

Professor David Gracias, Dept. of Chemical & Biomolecular Engineering, Johns Hopkins University

**April 23, 2009**

**Surface Modification with Borane Clusters: Superior Protection of Metal Surfaces against Corrosion**

Dr. Tomas Base, Institute of Inorganic Chemistry of the Academy of Sciences of the Czech Republic

**April 30, 2009**

**Catalysis on a Crowded Surface: The Role of Surface Oxygen on NO Oxidation over Pt**

Professor Fabio Ribeiro, School of Chemical Engineering, Purdue University

**May 7, 2009**

**Surface Chemistry of Oxides and Carbonates at the Adsorbed Water Interface**

Professor Vicki Grassian, Dept. of Chemistry, University of Iowa