

Working Agenda
Open Cross-Cut Review of Interface and Liquid Surface Scattering Science
October 6-7, 2010
Bldg. 402 Auditorium and Gallery

- 8:30 am **Charge to the Review Committee**
Dennis Mills
- 8:45 **Overview of Interface Science Capabilities: Current and Proposed**
Paul Zschack, X-ray Science Division, APS
- 9:30 **Quantum and Atomistic Effects in Thin Film Growth**
Tai-chang Chiang, University of Illinois at Urbana-Champaign
- 10:00 **Synthesis and Processing of Energy Related Materials and Structures**
Paul Fuoss, Materials Science Division, ANL
- 10:30 Break
- 11:00 **Imaging Structure and Reactivity at the Liquid-Solid Interface**
Paul Fenter, Chemical Sciences and Engineering Division, ANL
- 11:30 Executive Session
Friso van der Veen, Review Committee Chair, Discussion Leader
- 1:00 pm Poster Session (Contributed posters)
- 2:30 **Why add *in situ* Oxide MBE to the APS?**
Darrell G Schlom, Cornell University
- 3:00 **Overview of Liquid Surface Scattering Science at the APS/Review of 8/2/10
LSS Workshop at the APS**
Mark Schlossman, University of Illinois at Chicago
- 3:45 **LSS: From Biomolecular Materials to Structural Biology**
J. Kent Blasie, University of Pennsylvania
- 4:30 **X-ray Studies of Liquid Surfaces: From Liquid Metals to Langmuir
Monolayers**
Oleg Shpyrko, University of California at San Diego
- 5:15 Executive Session with Invited Speakers, Bldg. 401, Room A5000
- 6:30 Adjourn

Note: A two-hour open discussion session will be held on Thursday, October 7, 2010, at 8:30 a.m. at the beginning of the APS Scientific Advisory Committee meeting with reviewers, XIS/LSS community members, and SAC members.