

**2008  
SYNCHROTRON  
RADIATION CENTER'S  
USERS' MEETING  
AGENDA**



**Friday, September 26, PSL Conference Room**

- 8:00-8:30**      *Continental Breakfast (PSL Library)*
- 8:30-8:35**      **Welcome by Tomasz Durakiewicz**  
*Condensed Matter & Thermal Physics Group, Los Alamos National Laboratory*
- 8:35-9:00**      **SRC Update by Joe Bisognano**  
*Director, Synchrotron Radiation Center*
- Session 1**      **Session Chair: Ralf Wehlitz**
- 9:00-9:30**      **Michael Meyer, Invited Speaker**  
**LIXAM/CNRS Centre Universitaire Paris-Sud**  
*Atomic Photoionization and Molecular Dissociation Studies at FLASH Using Combined XUV Free Electron and Visible Laser Fields*
- 9:30-9:50**      **Richard Hatch, UW-Madison**  
*Anisotropic Effective Mass in Crystalline Pentacene Thin Films*
- 9:50-10:10**      **Scott Whitfield, UW-Eau Claire**  
*Angular Distributions of the Ba 5s Subshell in the Region of the Second Cooper Minimum*
- 10:10-10:30**      *Coffee Break (PSL Library)*
- Session 2**      **Session Chair: Joe Bisognano**
- 10:30-11:00**      **Rebecca Metzler, Aladdin Lamp Award Candidate, UW– Madison**  
*Probing the Organic-mineral Interface*
- 11:00-11:30**      **Xianbo Shi, Aladdin Lamp Award Candidate, Queens College, New York**  
*Energy of the Excess Electron in Supercritical Atomic and Molecular Fluids*
- 11:30-12:00**      **Yang Liu, Aladdin Lamp Award Candidate, University of Illinois at Urbana-Champaign**  
*Interface-induced Complex Electronic Interference Structures in Ag films on Ge(111)*
- 12:00-12:45**      *Lunch (PSL Library)*
- Session 3**
- 12:45-14:00**      **Poster Session 1 (SRC Vault)**
- Session 4**      **Session Chair: Hartmut Höchst**
- 14:00-14:30**      **Burkhard Krömker, Invited Speaker**  
**Omicron NanoTechnology**  
*Momentum Microscope for Time Resolved Band Structure Imaging*

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- 14:30-15:00**     **Nick Samiotes & Robert Moberg, Invited Speakers**  
**VG Scienta Inc.**  
*VG Scienta — Current Development Update on Angle Resolved Time of Flight (ARTOF-10K) Spectrometer and Other Advanced Analyzers*
- 15:00-15:30**     **Thomas J. Miller, Invited Speaker**  
**Department of Physics, University of Illinois at Urbana-Champaign**  
*A Microfocus Beamline for Angle-Resolved Photoemission*
- 15:30-16:00**     *Coffee Break*
- Session 5**         **Session Chair: Cliff Olson**
- 16:00-16:30**     **John Bozek, Invited Speaker**  
**LCLS Project, Stanford Linear Accelerator Center**  
*Atomic and Molecular Science at the LCLS Free Electron Laser*
- 16:30-16:50**     **Ralf Wehlitz, Synchrotron Radiation Center**  
*Double Photoionization of Magnesium From Threshold to 54 eV*
- 16:50-17:00**     **Announcement of Aladdin Lamp Award Winner—Joe Bisognano**
- 17:00-18:00**     **Business Meeting**
- 18:15-19:00**     *Cocktails (Quality Inn, 2969 Cahill Main, Madison, WI -Cash Bar)*
- 19:00**             *Banquet*

**Saturday, September 27, 2008**

- 8:30-9:00**         *Continental Breakfast (PSL Library)*
- Session 6**         **Session Chair: Ruben Reininger**
- 9:00-9:30**         **Dave Ederer, Invited Speaker**  
**J. Bennett Johnston Sr. Center for Advanced Microstructures and Devices (CAMD) Louisiana State University**  
*Current and Future Science at CAMD*
- 9:30-9:50**         **Michael Nasse, UW-Milwaukee & SRC**  
*Infrared Environmental Imaging (IRENI): First Light*
- 9:50-10:10**       **Mark Stockett, UW-Madison**  
*A Laboratory Search for the Carriers of the Diffuse Interstellar Bands*
- 10:10-10:30**      *Coffee Break (PSL Library)*

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- Session 7**      Session Chair: T.C. Chiang
- 10:30-11:00      **Marco Grioni, Invited Speaker**  
**Ecole Polytechnique Federale de Lausanne**  
*Spin Orbit Split States at Surfaces*
- 11:00-11:30      **Hrvoje Petek, Invited Speaker**  
**Department of Physics and Astronomy, University of Pittsburgh**  
*Exploring the Electronic Structure and Electron Dynamics of Metals by Ultrafast, Resonant, Multiphoton Photoemission.*
- 11:30-11:50      **Takeshi Kondo, Iowa State University & Ames Laboratory**  
*Momentum Dependence of the Superconducting Gap in NdFeAsO<sub>1-x</sub>F<sub>x</sub> Single Crystals Measured By Angle Resolved Photoemission Spectroscopy*
- 11:50-12:40      *Lunch (PSL Library)*
- Session 8**
- 12:40-14:00      Poster Session 2 (SRC Vault)
- Session 9**      Session Chair: Tomasz Durakiewicz
- 14:00-14:30      **Gerry Lapeyre, Invited Speaker**  
**Montana State University**  
*Events that Integrated Photoemission with the Properties of Synchrotron Radiation*
- 14:30-14:50      **Sergey Turishchev, Voronezh State University**  
*XANES Investigations of Silicon Based Nanostructures*
- 14:50-15:10      *Coffee Break (PSL Library)*
- Session 10**      Session Chair: Juan Carlos Campuzano
- 15:10-15:40      **Adam Kaminski, Invited Speaker**  
**Department of Physics and Astronomy, Iowa State University & Ames Lab**  
*Different Flavors of Superconductivity*
- 15:40-16:00      **Madhab Neupane, Boston College**  
*Observation of a Novel Orbital Selective Mott Transition in Ca<sub>1.8</sub>Sr<sub>0.2</sub>RuO<sub>4</sub>*
- 16:00-16:05      Announcement of Best Poster Award Winner—Joe Bisognano
- 16:05              Meeting adjournment