

Workshops

Monday, May 23

- Two-Dimensional van der Waals Semiconductors for Energy Conversion Applications
- Meeting the Challenges of Big Data Sets
- Operando Structural Characterization of Polymer Processing
- 3D Metrology Using a Conventional SEM: A Total Hands-on Workshop

Wednesday, May 25

- Renewable Energies: Where Applied and Basic Sciences Meet
- The Earth Laboratory-Experimental and Computational Tools and Infrastructure for Cross-cutting Earth Sciences
- Scanning X-ray Microdiffraction
- New Detectors for New Light Source
- Dynamics via XPCS in Soft and Hard Matter/Regime

NSLS-II and CFN UECs
In association with Brookhaven National Lab Present:

Illuminating the Future!

May 23-25, 2016

*Illuminans
Future!*

Social Events

Monday, May 23

Exhibitor and Poster Session (12:30-2:30 PM)
Evening Reception, Exhibitor and Poster Session

Tuesday, May 24

Annual Meeting Banquet, East Wind, Wading River, NY

Wednesday, May 25

Exhibitor and Poster Session (12:30-2:30 PM)

Plenary Session

Tuesday, May 24

Plenary Speakers

Chi-Chang Kao, SLAC National Accelerator Laboratory (SSRL), Henry Chapman, Center for Free-Electron Laser Science, DESY, Arthur Nozik, University of Colorado

NSLS-II Operating Beamlines Lead Scientists

Klaus Ahtenkofer (ISS), Lin Yang (LIX), Martin Fuchs (FMX), and Dieter Schneider (AMX)

BES/DOE Update

to come, ??????????

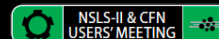
DOE Basic Energy Sciences

BNL Updates

Doon Gibbs, Director,
Brookhaven National Laboratory

John Hill, Deputy ALD, Energy & Photon Sciences (EPS)
Director, National Synchrotron Light Source II (NSLS-II)

Emilio Mendez, Chair, Energy Science and Technology Department (EPS)
Acting Director, Center for Functional Nanomaterials (CFN)



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BROOKHAVEN
NATIONAL LABORATORY

Workshop
Monday, May 23

Workshop 1: Two-Dimensional van der Waals Semiconductors for Energy Conversion Applications

Workshop 2: Meeting the Challenges of Big Data Sets

Workshop 3: Operando Structural Characterization of Polymer Processing

Workshop 4: 3D Metrology Using a Conventional SEM: A Total Hands-on Workshop

Wednesday, May 25

Workshop 5: Renewable Energies: Where Applied and Basic Sciences Meet

Workshop 6: The Earth Laboratory -Experimental and Computational Tools and Infrastructure for Cross-cutting Earth Sciences

Workshop 7: Scanning X-ray Microdiffraction

Workshop 8: New Detectors for New Light Source

Workshop 9: Dynamics via XPCS in Soft and Hard Matter/regime

Plenary session, Tuesday, May 24.

The keynote speaker:

Chi-Chang Kao, Director of the SLAC National Accelerator Laboratory

Invited speakers:

Arthur Nozik, Senior Research Fellow Emeritus of the National Renewable Energy Laboratory (NREL) and Department of Chemistry at the University of Colorado, Boulder

Henry Chapman, Division Director, Coherent Imaging Team, Center for Free-Electron Laser Science, DESY and Professor of Physics at the University of Hamburg

New Beamline presentations:

Klaus Attenkofer – ISS

Lin Yang – LIX

Martin Fuchs – FMX

Dieter Schneider – AMX

BNL/DOE updates:

DOE representative

Doon Gibbs, Director, Brookhaven National Laboratory

John Hill, Deputy ALD of Energy Sciences Directorate and Director of NSLS-II

Emilio Mendez, Director, Center for Functional Nanomaterials.

Notes:

The schedule will provide extra time (2hrs) for poster and exhibitor interactions on Monday and Wednesday at lunch time as well as at a reception on Monday evening.

On Tuesday evening there will be a banquet at East Wind in Wading River

We hope everyone will cast their vote for the next UEC during registration