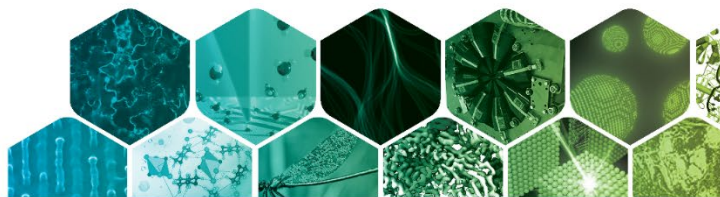


NSLS-II & CFN Users' Meeting

We welcome all first-time, current, and future users

The Users' Meeting will be hosted by Brookhaven National Laboratory and will be held as a hybrid event on May 13–17, 2024.



Monday, May 13 (onsite workshops)

- 7:30 a.m. – 4:00 p.m. Exhibitor Set Up Berkner Hall Lobby
- 7:30 a.m. – 5:00 p.m. Registration & Check-in
- 8:30 a.m. – 5:15 p.m. **Workshop 1** – Opportunities in Soft and Nanoparticle-based Chiral Materials for Light harvesting, Sensing and Information Processing
Organizers: Mircea Cotlet (CFN), Fang Lu (CFN), Linda Peteanu (CMU) and Honghu Zhang (NSLS-II)
(CFN Bldg. 735, Large Seminar Room)
- 8:30 a.m. – 5:30 p.m. **Workshop 3** - X-ray Based Technologies in Emerging Fuel Cell Research
Organizers: Narayanasami Sukumar (Cornell University@Argonne National Laboratory), Vivian Stojanoff (NSLS-II)
(Physics Bldg. 510, Large Seminar Room)
- 9:15 a.m. – 5:00 p.m. **Workshop 2** - Shining Synchrotron Light on Closing the Carbon Cycle
Organizers: Denis Leshchev (NSLS-II), Matthew Bird (BNL), Dmitry Polyansky (Chemistry, BNL), Sanjaya Senanayake (Chemistry, BNL), Eli Stavitski (NSLS-II), Rebecca Trojanowski (ISD, BNL), Ira Waluyo (NSLS-II), Dominik Wierzbicki (NSLS-II)
(Berkner Bldg. 488, Conference Room B)
- *Continental breakfasts will be provided at workshop locations; lunches will be set up in Berkner Hall cafeteria from 11:30 a.m. – 1:00 p.m.*
- 9:00 a.m. – 5:00 p.m. Exhibitor Hall Open
- 9:00 a.m. – 5:00 p.m. Poster Set-up & Viewing – self-directed

- 11:00 a.m. – 3:30 p.m. Exhibitor Networking Session
(open to all BNL)
- 5:30 p.m. – 7:30 p.m. Welcome Reception & Poster Session Competition

Tuesday, May 14 – Plenary Session Day (hybrid)

- 7:30 a.m. – 5:00 p.m. Registration & Check-in
- 9:00 a.m. – 5:00 p.m. Exhibitor Hall Open
- 11:00 am – 3:30 pm Exhibitor Networking Session and Presentations
(open to all BNL)
- 9:00 a.m. – 5:00 p.m. Poster Viewing – self-directed
- 9:00 a.m. – 10:00 a.m. Continental Breakfast
(provided to all plenary session attendees)
- 10:00 a.m. – 10:10 a.m. Welcome (JoAnne Hewett)
- 10:10 a.m. – 10:40 a.m. NSLS-II Update (Erik Johnson)
- 10:40 a.m. – 11:10 a.m. CFN Update (Chuck Black)
- 11:10 a.m. – 11:45 a.m. BES Update (Linda Horton)
- 11:45 a.m. - 11:55 a.m. Announcement of Incoming UEC Members
- 11:55 a.m. - 12:00 p.m. Group Photos
BNL and DOE Management
NSLS-II/CFN UEC Members
Users' Meeting Planning Committee
(outside Berkner Hall, weather permitting)
- 12:00 p.m. – 1:00 p.m. UEC Lunch with BES
(Berkner Hall, Conference Room A)
- 12:00 p.m.– 1:30 p.m. Lunch, Poster Viewing and Networking
(lunch provided to all plenary session attendees in lower cafeteria)

12:30 p.m. – 1:00 p.m.	Pub-Style Trivia <i>(lower cafeteria)</i>
1:30 p.m. – 2:00 p.m.	<i>Facilities + Flash Talks</i>
	Synchrotron sources (Silvana Westbury, lightsources.org) – 10 + 5 (Q&A) mins
	NSRCs (NNCO Director Branden Brough) – 10 + 5 (Q&A) mins
2:00 p.m. – 2:30 p.m.	<i>Awards</i>
	Julian Baumert Award presentation – 15 minutes
	UEC Community Service Award announcement
	Gus Prince Award announcement
	Poster Session Award announcement
2:30 p.m. – 2:50 p.m.	<i>Coffee Break (provided)</i>
2:50 p.m. – 4:30 p.m.	NSLS-II UEC Show
4:00 p.m. – 5:00 p.m.	NSLS-II & CFN Facility Tours <i>(Bus transportation will depart Berkner Hall promptly at 4:00 p.m.)</i>
6:00 p.m. – 9:00 p.m.	Users' Meeting Banquet at Danford's, Port Jefferson, NY <i>(Bus transportation will depart Berkner Hall promptly at 5:30 p.m.)</i>

Wednesday, May 15 (onsite workshops)

7:30 a.m. – 5:00 p.m. Registration & Check-in

- 9:00 a.m. – 4:20 p.m. **Workshop 4** – Exploring Magnetic 2D Systems: Synergies across NSLS-II & CFN
Organizers: Claudio Mazzoli, Valentina Bisogni, Yong Cai, Larry Carr, Mingzhao Liu, Christie Nelson, Jurek Jerzy Sadowski, Conan Weiland, Elio Vescovo, (NSLS-II, BNL)
(Berkner Bldg. 488, Conference Room B)
- 9:30 a.m. – 5:00 p.m. **Workshop 6** - Multi-modal Operando Characterization Methods to Comprehend Catalytic Reaction Dynamics under Reactive Environments
Organizers: Dmitri Zakharov (CFN), Xiaobo Chen (Binghamton University), Guangwen Zhou (Binghamton University)
(Chemistry Bldg. 555, Hamilton Seminar Room)
- 9:58 a.m. – 5:45 p.m. **Workshop 5** - Machine Learning-Assisted Approaches for Materials Design & Characterization
Organizers: Xiaohui Qu (CFN), Deyu Lu (CFN), Gregory Doerk (CFN), Yugang Zhang (CFN), Hanfei Yan (NSLS-II)
(Physics Bldg. 510, Large Seminar Room)
- *Continental breakfasts will be provided at workshop locations; lunches will be set up in Berkner Hall Cafeteria from 11:30am – 1:00pm*
- 9:00 a.m. – 5:00 p.m. Exhibitor Hall Open
- 9:00 a.m. – 5:00 p.m. Poster Viewing – self-directed
- 11:00 a.m. – 3:30 p.m. Exhibitor Networking Session
(open to all BNL)

Thursday, May 16 (virtual workshops)

- 9:00 a.m. – 12:15 p.m. **Workshop 7** – Applications of Electron-Beam Induced Current (EBIC) Imaging in the SEM and TEM
Organizers: Fernando Camino (CFN), Myung-Geun Han (CMPMSD/BNL) and Armando Rúa (UPR at Mayagüez)
- 9:00 a.m. – 12:30 p.m. **Workshop 8 (part a)** - Toxic Metals in Human Tissues detected with NSLS-II
Organizers: Juergen Thieme (University of Goettingen), Anthony Szema (Donald and Barbara Zucker School of Medicine at Hofstra University and Stony Brook University)
- 1:00 p.m. – 5:30 p.m. **Workshop 9 (part a)** - Upcoming New Soft X-ray Nanoscale Imaging and Spectromicroscopy Capabilities at NSLS-II
Organizers: Wen Hu (NSLS-II), Joe Dvorak (NSLS-II), Jiemin Li (NSLS-II), Brandy Toner (University of Minnesota), Andrew Walter (NSLS-II)

Friday, May 17 (virtual workshops)

- 9:00 a.m. – 12:30 p.m. **Workshop 8 (part b)** - Toxic Metals in Human Tissues detected with NSLS-II
Organizers: Juergen Thieme (University of Goettingen), Anthony Szema (Donald and Barbara Zucker School of Medicine at Hofstra University and Stony Brook University)
- 1:00 p.m. – 5:30 p.m. **Workshop 9 (part b)** - Upcoming New Soft X-ray Nanoscale Imaging and Spectromicroscopy Capabilities at NSLS-II
Organizers: Wen Hu (NSLS-II), Joe Dvorak (NSLS-II), Jiemin Li (NSLS-II), Brandy Toner (University of Minnesota), Andrew Walter (NSLS-II)
- 9:00 a.m. – 5:00 p.m. **Workshop 10** - Advanced Electron Microscopy for Functional Nanomaterials
Organizers: Sooyeon Hwang (CFN), Meng Li (CFN), Judy Yang (CFN), Shize Yang (Yale University)

****Note:** All events will be held in Berkner Hall, building 488, unless otherwise indicated on the agenda.*