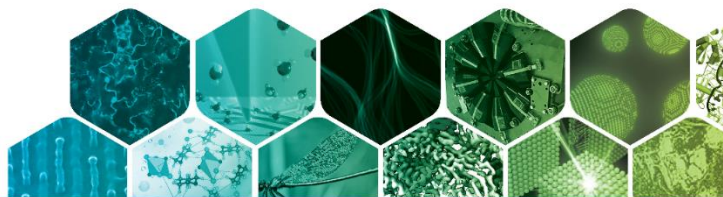


NSLS-II & CFN Users' Meeting

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. – 5:00 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)

[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)

[Workshop 3 - X-ray Based Technologies in Emerging Fuel Cell Research](#)

Organizers: Narayanasami Sukumar (Cornell University@ Argonne National Laboratory), Vivian Stojanoff (NSLS-II)

**Continental breakfasts will be provided at workshop locations; lunches will be set up in Berkner Hall*

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

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 Networking Session and Presentations
(open to all BNL)*
- 9:00 a.m. – 5:00 p.m. Poster Viewing – self-directed
- 10:00 a.m. – 10:10 a.m. Welcome
- 10:10 a.m. – 10:35 a.m. NSLS-II Update (Erik Johnson)
- 10:35 a.m. – 11:00 a.m. CFN Update (Chuck Black)
- 11:00 a.m. – 11:30 a.m. BES Update (Linda Horton)
- 11:30 a.m. – 11:45 a.m. Q&A Session
Moderators: Matthew Whitaker, Laiba Bilal
- 11:45 a.m. - 12:00 p.m. Announcement of Incoming UEC Members
- 12:00 p.m. – 1:00 p.m. UEC Lunch with BES
- 12:00 p.m.– 1:30 p.m. Lunch, Poster Viewing and Networking
(lunch provided to all plenary session attendees)
- 1:30 p.m. – 2:00 p.m. *Facilities + Flash Talks*

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. *Awards*

Julian Baumert Award presentation – 15 minutes

UEC Community Service Award announcement

Gus Prince Award announcement

	Poster Session Award announcement <i>(presented by Poster Committee Chairs)</i>
2:30 p.m. – 2:50 p.m.	<i>Coffee Break</i>
2:50 p.m. – 4:30 p.m.	NSLS-II UEC Show
6:00 p.m. – 9:00 p.m.	Users' Meeting Banquet at Danford's, Port Jefferson, NY <i>(Bus transportation will depart Berkner Hall at 5:30 p.m.)</i>

Wednesday, May 15 (onsite workshops)

7:30 a.m. – 5:00 p.m.	Registration & Check-in
8:30 a.m. – 5:00 p.m.	<p><u>Workshop 4 – Exploring Magnetic 2D Systems: Synergies across NSLS-II & CFN</u> <i>Organizers: Claudio Mazzoli, Claudio Mazzoli, Valentina Bisogni, Yong Cai, Larry Carr, Mingzhao Liu, Christie Nelson, Yurek Jerzy Sadowski, Conan Weiland, Elio Vescovo, (NSLS-II, BNL)</i></p> <p><u>Workshop 5 - Machine Learning-Assisted Approaches for Materials Design & Characterization</u> <i>Organizers: Xiaohui Qu (CFN), Deyu Lu (CFN), Gregory Doerk (CFN), Yugang Zhang (CFN), Hanfei Yan (NSLS-II)</i></p> <p><u>Workshop 6 - Multi-modal Operando Characterization Methods to Comprehend Catalytic Reaction Dynamics under Reactive Environments</u> <i>Organizers: Dmitri Zakharov (CFN), Xiaobo Chen (Binghamton University), Guangwen Zhou (Binghamton University)</i></p> <p><i>*Continental breakfasts will be provided at workshop locations; lunches will be set up in Berkner Hall</i></p>
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 and Presentations <i>(open to all BNL)</i>

Thursday, May 16 (virtual workshops)

8:30 a.m. – 12:30 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)

[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)

8:30 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)

8:30 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.*