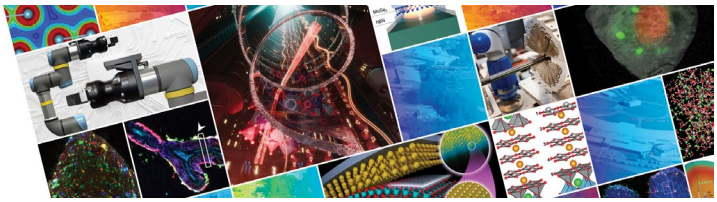
NSLS-II & CFN Users' Meeting
All first-time, current, and future users are welcome

April 21–23 and May 5-6, 2026
Brookhaven National Laboratory



Tuesday, April 21 – Workshops
(Science & User Support Center, Building 101)

7:30 a.m. – 12:00 p.m.	Exhibitor Set Up *(SUSC Bldg. 101 and Berkner Hall Bldg. 488)*
7:30 a.m. – 6:00 p.m.	Registration and Check-In *(SUSC Bldg. 101)*
8:00 a.m. – 8:00 p.m.	Exhibitor Hall Open *(SUSC Bldg. 101 and Berkner Hall Bldg. 488)*
8:00 a.m. – 6:00 p.m.	Poster Setup & Viewing *(Berkner Hall Bldg. 488; self-guided)*
8:00 a.m. – 9:30 a.m.	Continental Breakfast *(provided for registered attendees)* *(SUSC Bldg. 101)*
9:00 a.m. – 6:15 p.m.	Workshop #1 – **Probing Materials Challenges for Coherence and Scalability in Quantum Technologies** *Organizers: Ekta Bhatia (NY Creates), Mingzhao Liu (CFN), Steven Hulbert (NSLS-II), Aswin Anbalagan (NSLS-II)* *Location: SUSC Bldg. 101 – Conference Room 122/121*
8:25 a.m. – 6:00 p.m.	Workshop #2 – **Microelectronics Beyond Si: Metrology Challenges and Advanced Characterization Methods** *Organizers: Hanfei Yan (NSLS-II), Larry Carr (NSLS-II), Yong Chu (NSLS-II), Aswin Anbalagan (NSLS-II), Lu Ma (NSLS-II), Wen Hu (NSLS-II), Yuan Gao (NSLS-II), Conan Weiland (NIST), Vesna Stanic (IBM), Jean Jordan-Sweet (IBM), Christian Lavoie (IBM), Judith Yang (CFN), Chang-Yong Nam (CFN), Prashansa Mukim (Instrumentation)* *Location: SUSC Bldg. 101 – Conference Room 123*

9:00 a.m. – 6:00 p.m.	**Workshop # 3 – Physics-Informed Autonomous Experimentation from Synthesis to Understanding** *Organizers: Yugang Zhang (CFN), Xiaohui Qu (CFN), Gregory Doerk (CFN), Jason Kahn (CFN), Fang Lu (CFN), Oleg Gang (CFN), Sanjit Ghose (NSLS-II), Ruipeng Li (NSLS-II), Eliot Gann (NSLS-II), Xiaogang Yang (NSLS-II), Susan Minkoff (CSI), Kristofer Reyes (CSI)* *Location: SUSC Bldg. 101 – Conference Room 125/124*
5:15 p.m. – 6:15 p.m.	NSLS-II Facility Tour *(bus departs SUSC Bldg. 101)*
6:00 p.m. – 8:00 p.m.	Welcome Reception & Poster Session *(Park at SUSC Bldg 101 and take bus to Berkner Hall Bldg. 488)*

** Continental breakfast will be available for registered workshop attendees in the SUSC Bldg. 101, and lunch will be served in Berkner Hall Cafeteria. Bus transportation will be provided between the workshop locations and Berkner. Please visit the registration desk for details.*

Wednesday, April 22 (morning) - Plenary Session
(Berkner Hall, Building 488)

7:30 a.m. – 6:00 p.m.	Registration and Check-In *(SUSC Bldg. 101)*
8:00 a.m. – 6:00 p.m.	Exhibitor Hall Open *(SUSC Bldg. 101 and Berkner Hall Bldg. 488)*
8:00 a.m. – 6:00 p.m.	Poster Viewing *(Berkner Hall Bldg. 488; self-guided)*
8:00 a.m. – 9:00 a.m.	Continental Breakfast *(provided to all plenary session registered attendees)*
9:00 a.m. – 9:10 a.m.	Welcome Remarks – Petra Reinke and Maya Endoh, NSLS-II and CFN UEC Vice Chairs
9:10 a.m. – 9:20 a.m.	Welcome – John Hill, Interim BNL Director
9:20 a.m. – 9:50 a.m.	NSLS-II Update - Elke Arenholz, NSLS-II Director *(25 mins + 5 mins QA)*

9:50 a.m. – 10:20 a.m.	CFN Update – Kevin Yager, Interim CFN Director *(25 mins + 5 mins QA)*
10:20 a.m. – 10:40 a.m.	Coffee Break *(provided)*
10:40 a.m. – 11:10 a.m.	BES Update – Mikhail (Misha) Zhernenkov, Program Manager, X-ray, Neutron, and Nanoscale Science User Facilities, DOE Office of Basic Energy Sciences *(25 mins + 5 mins QA)*
11:10 a.m. – 11:40 a.m.	Keynote Presentation – Oleg Gang, Columbia University and Brookhaven National Laboratory *"Programming Nanoscale Matter"* *(25 mins + 5 mins QA)*
11:40 a.m. – 12:05 p.m.	*Awards* Julian Baumert Thesis Award presentation *(10min+5min QA)* *(presented by Ben Ocko, Baumert Committee Chair)* UEC Community Service Award announcement Outstanding Beamline Scientist Award announcement *(presented by Matthew Whitaker, NSLS-II Past Chair)* Poster Award Winners announcement *(presented by Eta Isiorho and Leon Shterengas, Poster Session Subcommittee Chairs)*
12:05 p.m. – 12:15 p.m.	Announcement of Incoming UEC Members *(presented by NSLS-II and CFN UEC Chairs)*
12:15 p.m. – 2:00 p.m.	Lunch, Poster Viewing and Exhibitor Networking Session *(lunch provided to registered attendees in lower Cafeteria)*
12:15 p.m. – 1:15 p.m.	NSLS-II & CFN UEC Lunch with BES, DOE *(Berkner Hall, Conference Room A/Hybrid)*
1:15 p.m. – 1:25 p.m.	Committee Photos 1:15 p.m. NSLS-II UEC Members 1:20 p.m. CFN UEC Members 1:25 p.m. Users' Meeting Planning Committee

Wednesday, April 22 (afternoon) – Workshops
(Science & User Support Center, Building 101)

2:00 p.m. – 6:00 p.m.	**Workshop #4 – Non-Conventional Infrared Spectroscopy and Imaging** *Organizers: Anibal Boscoboinik (CFN), Lukas Wehmeier (NSLS-II), Sabrina Gericke (CFN), Maya Endoh (Stony Brook University)* *Location: SUSC Bldg. 101 – Conference Room 125/124*
2:00 p.m. – 6:00 p.m.	**Workshop #5 – Machine Learning Applications for Transmission Electron Microscopy** *Organizers: Meng Li (CFN), Judy Yang (CFN)* *Location: SUSC Bldg. 101 – Conference Room 123*
2:00 p.m. – 6:00 p.m.	**Workshop #6 – Towards a National Center for Paleobiology Studies Using Synchrotron Radiation** *Organizers: Juergen Thieme (Goettingen University), Lawrence Martin (Stony Brook University), Alan Turner (Stony Brook University), Michael Drakopoulos (NSLS-II)* *Location: SUSC Bldg. 101 – Conference Room 122/121*
5:15 p.m. – 6:15 p.m.	CFN Facility Tour *(bus departs SUSC Bldg. 101)*
6:30 p.m. – 10:00 p.m.	Users' Meeting Banquet at Giorgio's Baiting Hollow *(Bus transportation will **depart SUSC Bldg. 101 at 6:15 pm**)*

Thursday, April 23 – Workshops
(Science & User Support Center, Building 101)

7:30 a.m. – 6:00 p.m.	Registration and Check-In *(SUSC Bldg. 101)*
8:00 a.m. – 5:00 p.m.	Exhibitor Hall Open *(SUSC Bldg. 101 and Berkner Hall Bldg. 488)*
8:00 a.m. – 5:00 p.m.	Poster Viewing *(Berkner Hall Bldg. 488; self-guided)*
8:00 a.m. – 9:30 a.m.	Continental Breakfast *(provided for registered attendees)* *(SUSC Bldg. 101)*
8:50 a.m. – 6:15 p.m.	**Workshop #7 – High Energy Resolution Spectroscopy for Operando Studies**

	Organizers: Jorge Moncada (NSLS-II), Dali Yang (NSLS-II), Akhil Tayal (NSLS-II), Dominik Wierzbicki (NSLS-II), Evan Jahrman (NIST) *Location: SUSC Bldg. 101 – Conference Room 125/124*
9:00 a.m. – 5:20 p.m.	Workshop #8 **– Building a U.S. EUV Research Ecosystem: Community Drivers for a Dedicated NSLS-II EUV Beamline Capabilities** *Organizers: Chang-Yong Nam (CFN), Yong Chu (NSLS-II), Steven Hulbert (NSLS-II)* *Location: SUSC Bldg. 101 – Conference Room 122/121*
9:00 a.m. – 12:00 p.m.	Workshop #9 **– Characterizing Amorphous Materials: Seeing Order in Disorder** *Organizers: Sooyeon Hwang (CFN), Judith Yang (CFN)* *Location: SUSC Bldg. 101 – Conference Room 123*
2:00 p.m. – 5:00 p.m.	Workshop #10 **– AI Showcase** *Organizers: Petra Reinke (University of Virginia), Maya Endoh (Stony Brook University), Gary Harlow (University of Oregon), Anibal Boscoboinik (CFN)* *Location: SUSC Bldg. 101 – Conference Room 123*
5:15 p.m. – 6:15 p.m.	NSLS-II Facility Tour *(bus departs SUSC Bldg. 101)*

** Continental breakfast will be available for registered workshop attendees in the SUSC Bldg. 101, and lunch will be served in Berkner Hall Cafeteria. Bus transportation will be provided between the workshop locations and Berkner. Please visit the registration desk for details.*

Extended Workshops

Tuesday, May 5 – Workshops
(Science & User Support Center, Building 101)

7:30 a.m. – 5:00 p.m.	Registration and Check-In *(SUSC Bldg. 101)*
9:00 a.m. – 5:00 p.m.	Poster Set-up & Viewing *(SUSC Bldg. 101; self-guided)*
8:00 a.m. – 9:30 a.m.	Continental Breakfast *(provided for registered attendees)* *(SUSC Bldg. 101)*

8:30 a.m. – 5:30 p.m.	**Workshop #11 – Soft X-ray Nanoprobe – First Science Opportunities, Instrumentation and Practice** *Organizers: Thomas Feggeler (NSLS-II), Wen Hu (NSLS-II)* *Location: SUSC Bldg. 101 – Conference Room 123*
8:50 a.m. – 5:00 p.m.	**Workshop #12 – Science Opportunities with the Advanced Materials Processes (AMP) Beamline** *Organizers: Lutz Wiegart (NSLS-II), Jonathan Seppala, (NIST)* *Location: SUSC Bldg. 101 – Conference Room 124/125*
12:00 p.m. – 1:30 p.m.	Lunch *(provided for registered attendees)* *Location: SUSC Bldg. 101 – Conference Room 121/122*

** Continental breakfast will be available for registered workshop attendees in SUSC Bldg. 101.*

Wednesday, May 6 – Workshops
(Science & User Support Center, Building 101)

7:30 a.m. – 5:00 p.m.	Registration and Check-In *(SUSC Bldg. 101)*
9:00 a.m. – 5:00 p.m.	Poster Set-up & Viewing *(SUSC Bldg. 101; self-guided)*
8:00 a.m. – 9:30 a.m.	Continental Breakfast *(provided for registered attendees)* *(SUSC Bldg. 101)*
9:00 a.m. – 5:00 p.m.	**Workshop #13 – Novel Soft X-ray Spectroscopic Imaging at the Upcoming ARI Beamline** *Organizers: Jiemin Li, Andrew Walter and Xuefei Guo (NSLS-II)* *Location: SUSC Bldg. 101 – Conference Room 124/125*
9:00 a.m. – 5:00 p.m.	**Workshop #14 – Advanced Characterization & Artificial Intelligence in high-precision Advanced Manufacturing (AAA**) *Organizers: Andrew Kiss (NSLS-II), Drakopoulos, Michael (NSLS-II), Emma Zhang (GMU), Ming Lu (CFN), Shuaihang Pan (Utah), Siyu Wu (NSLS-II), Yugang Zhang (CFN), Zhongshu Ren (NSLS-II) (name listed in alphabetic order)* *Location: SUSC Bldg. 101 – Conference Room 123*

12:00 p.m. – 1:30 p.m.	Lunch *(provided for registered attendees)* *Location: SUSC Bldg. 101 – Conference Room 121/122*
5:00 p.m. – 6:00 p.m.	NSLS-II Facility Tour *(bus departs SUSC Bldg. 101)*

** Continental breakfast will be available for registered workshop attendees in SUSC Bldg. 101.*