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
<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tr>
<td>7:30 a.m. – 5:00 p.m.</td>
<td>Registration &amp; Check-in</td>
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<td>9:00 a.m. – 5:00 p.m.</td>
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<td>9:00 a.m. – 5:00 p.m.</td>
<td>Poster Viewing – self-directed</td>
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<td>10:00 a.m. – 10:10 a.m.</td>
<td>Welcome</td>
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<td>10:10 a.m. – 10:35 a.m.</td>
<td>NSLS-II Update (Erik Johnson)</td>
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<td>10:35 a.m. – 11:00 a.m.</td>
<td>CFN Update (Chuck Black)</td>
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<td>11:00 a.m. – 11:30 a.m.</td>
<td>BES Update (Linda Horton)</td>
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<td>11:30 a.m. – 11:45 a.m.</td>
<td>Q&amp;A Session</td>
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<td>Moderators: Matthew Whitaker, Laiba Bilal</td>
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<td>11:45 a.m. - 12:00 p.m.</td>
<td>Announcement of Incoming UEC Members</td>
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<td>12:00 p.m. – 1:00 p.m.</td>
<td>UEC Lunch with BES</td>
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<td>12:00 p.m. – 1:30 p.m.</td>
<td>Lunch, Poster Viewing and Networking</td>
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<td>(lunch provided to all plenary session attendees)</td>
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<td>1:30 p.m. – 2:00 p.m.</td>
<td>Facilities + Flash Talks</td>
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<td>Synchrotron sources (Silvana Westbury, lightsources.org) – 10 + 5 (Q&amp;A) mins</td>
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<td></td>
<td>NSRCs (NNCO Director Branden Brough) – 10 + 5 (Q&amp;A) mins</td>
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<td>2:00 p.m. – 2:30 p.m.</td>
<td>Awards</td>
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<td>Julian Baumert Award presentation – 15 minutes</td>
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<td>UEC Community Service Award announcement</td>
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<td>Gus Prince Award announcement</td>
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Poster Session Award announcement
(*presented by Poster Committee Chairs*)

2:30 p.m. – 2:50 p.m. *Coffee Break*

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* (*Bus transportation will depart Berkner Hall at 5:30 p.m.*)

**Wednesday, May 15 (onsite workshops)**

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

8:30 a.m. – 5:00 p.m. **Workshop 4 – Exploring Magnetic 2D Systems: Synergies across NSLS-II & CFN**

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)

**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)

**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)

*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 Viewing – self-directed*

11:00 a.m. – 3:30 p.m. *Exhibitor Networking Session and Presentations* (*open to all BNL*)
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.*