

Draft Agenda

(Subject to further changes)

Beyond Lithium Ion XII

Denver Marriott West

June 25–27, 2019

| Day 1 – June 25, 2019 | | |
|--|--------------------------|---|
| 7:30 AM | Registration Breakfast | |
| 8:30 AM | Welcome | |
| 8:40 AM | Executive Welcome | |
| Keynote Speakers (Chair: Ahmad Pesaran) | | |
| 9:00 AM | | George Crabtree, Argonne National Laboratory |
| Session I: New Frontiers of Li-Metal Batteries (Chair: Wu Xu) | | |
| 10:00 AM | | Prashant Kumta, University of Pittsburgh |
| 10:30 AM | Break | |
| 11:00 AM | | Jim Zheng, Florida State University |
| 11:30 AM | | Larry Curtiss, Argonne National Laboratory |
| 12:00 AM | | Xiaolin Li, Pacific Northwest National Laboratory |
| 12:30 PM | Lunch | |
| Session II: Emerging Opportunities for Multivalent Metal Anodes (Chair: Lei Cheng) | | |
| 1:30 PM | | Kang Xu, ARL |
| 2:00 PM | | Seung-Tae Hong, Daegu Gyeongbuk Institute of Science and Technology |
| 2:30 PM | | Kevin Zavadil, Sandia National Laboratories |
| 3:00 PM | Break | |
| Session III: Safe Electrolytes for BLI (Chair: Gao Liu) | | |
| 3:30 PM | | Macar Doeff/Berkeley Lab |
| 4:00 PM | | Mike Zimmerman, Tufts University |
| 4:30 PM | | Nancy Dudney, Oak Ridge National Laboratory |
| 5:00 PM | | Jason Zhang, Pacific Northwest National Laboratory |
| 5:30 PM | | Jeff Sakamoto, University of Michigan |

Day 2 – June 26, 2019

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|---|---------------------------------|--|
| 7:30 AM | Registration Breakfast | |
| Keynote Speakers (Chair: Dionne Hernandez-Lugo) | | |
| 8:30 AM | | George Crabtree , Argonne National Laboratory |
| Session III: Safe Electrolytes for BLI (Chair: Gao Liu) | | |
| 9:15 AM | | Gerd Ceder , UC Berkeley |
| 9:45 AM | | Nitash Balsara , UC Berkeley |
| 10:15 AM | | Nick Wu |
| 10:45 AM | Break | |
| Session IV: Chemistry for Electrochemical Stationary Energy Storage (Chair: Young-Hye Na) | | |
| 11:15 AM | | Donald R. Sadoway , Massachusetts Institute of Technology |
| 11:45 AM | | Jagjit Nanda , Oak Ridge National Laboratory |
| 12:15 PM | | Zheng Li , Virginia Tech |
| 12:45 PM | Lunch | |
| Session V: New Frontiers of Energy Storage: Artificial Intelligence, Machine Learning and Computing (Chair: Winfried Wilcke/Jagjit) | | |
| 1:30 PM | | Evan Reed , Stanford University |
| 2:00 PM | | Alec Talin , Sandia National Laboratories |
| 2:30 PM | | Kevin Roche , IBM Research |
| 3:00 PM | Break (30 mins) | |
| Session VI: Advanced Characterization for Beyond Lithium-Ion Technologies (Chair: Chunmei Ban) | | |
| 3:30 PM | | Fulya Dogan Key , Argonne National Laboratory |
| 4:00 PM | | Maxwell Giammona , In-situ AFM characterization/IBM |
| 4:30 PM | | Miaofang Chi , Oak Ridge National Laboratory |
| 5:00 PM | Break | |
| 6:00-8:00 PM | Poster session | |

Day 3 – June 27, 2018

7:00 AM Registration | Breakfast

Keynote Speech (Chair: Jagjit Nanda)

8:00 AM

Vince Sprinkel, Pacific Northwest National Laboratory

Session VII: Batteries Recycling (Chair: Liu Gao)

9:00 AM

Shriram Santhanagopalan, National Renewable Energy Laboratory

9:30 AM Break (30 mins)

11:00 AM

Steve Sloop, Onto Tech

11:30 AM

Bryant Polzin, Argonne National Laboratory

12:00 PM Lunch (1 hour)

NREL Tour

1:30pm – Board the bus

1:40 pm – Pick-up badges

2:00-4:00 pm — NREL tours

Tour 1: Energy Integration Systems Integration Facility

Tour 2: Solar Energy Research Facility

After the tour, transportation is provided back to the hotel.