



Beyond Lithium Ion XI

Double Tree by Hilton July 24-26, 2018

Agenda



Day 1 – July 24, 2018		
7:30 am	Registration Breakfast	
8:30 am	Welcome (10 mins)	Dionne Hernandez-Lugo, NASA Chunmei Ban, NREL
8:40 am	NASA Glenn Executive Welcome	NASA
Session I: Keynote Speakers (Chair: Dionne Hernandez-Lugo)		
9:00 am		Sanjiv Malhotra, DOE
9:30 am		Ajay Misra, NASA Glenn Research Center
Session II: Recent Development in Lithium Metal Anode (Chair: Xu Wu)		
10:00 am		Jun Liu, PNNL
10:30 am		David Mitlin, Clarkson University
11:00 am		Young-Hye Na, IBM
	Pre- Lunch Talk	
11:30 am		Team NEO
12:00 pm	Lunch (1.5 hour)	
Session III: Emerging Opportunities for Non-Lithium Metal Anodes (Chair:)		
1:30pm		Jason Zhang, PNNL
2:00 pm		Yiying Wu, Ohio State University
2:30 pm		Patrick C. Howlett, Deakin University
3:00 pm	Break (30 mins)	
Session IV: Material and Cell Design for Microbatteries (Chair: Young-Hye Na)		
3:30 pm		James Pikul, University of Pennsylvania
4:00 pm		Gary Rubloff, University of Maryland
4:30 pm		Naoki Matsumura, Intel Corporation
5:00 pm		Peter Notten, Eindhoven University of Technology
5:30 pm	Break	

Beyond Lithium Ion XI

Double Tree by Hilton July 24-26, 2018

Agenda

6:00pm	Poster Session and Reception	
Day 2 – July 25, 2018		
7:30 am	Registration Breakfast	
Session V: New Frontiers of Metal Anode Batteries: Lithium-O2, Sulfur Batteries, Organic redox batteries (Chair: Ray Blair)		
8:30 am		Jagjit Nanda, Oak Ridge National Laboratory
9:00 am		Jun Lu, Argonne National Laboratory
9:30 am		Xiaoliang Wei, Indiana University and Purdue University.
10:00 am		Yin Li, NASA Langley Research Center
10:30am	Break	
Session VI: Interfacial Stability of Li Metal Solid Electrolyte (Chair:		
11:00 am		James Wu, NASA Glenn Research Center
11:30 am		Eric Wachsman, Maryland University
12:00		
12:30	Lunch (1 hour)	
Session VII: New Battery Architectures, Design and Manufacturing (Chair: Jagjit Nanda)		
1:30 pm		David Wood, Oak Ridge National Laboratory
2:00 pm		Amy Prieto, Colorado State University
2:30 pm		Paul Braun, University of Illinois at Urbana-Champaign
3:00 pm	Break (30 mins)	
Session VIII: Enabling Diagnostics for Electrochemical Storage Systems (Chair: Chunmei Ban)		
3:30 pm		Shi-Gang Sun, Xiamen University
4:00 pm		Steven Greenbaum, City University of New York
4:30 pm		TBD
5:00 pm	Break (30 mins)	

Beyond Lithium Ion XI

Double Tree by Hilton July 24-26, 2018

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5:30 pm	Everyone on board the bus for Dinner. Dinner will be on the Goodtime III. More information following the link Goodtime III information	
Day 3 – July 26, 2018		
Session IX: Commercialization of Beyond Lithium-ion Technologies (Chair: Gao Liu)		
8:30 am		Gary Yang
9:00 am		TBD
9:30 am		TBD
10:00 am	Break (30 mins)	
Session X: Batteries for Electrified Aircrafts (Chair: Winfried Wilcke)		
10:30 am		Dionne Hernandez-Lugo, NASA Glenn Research Center
11:00 am		Patricia Loyselle, NASA Glenn Research Center
11:30 am		TBD
12:00 am	Lunch (1 hour)	
1:00pm – Every on board the bus for NASA GRC lab tour. NASA Glenn Research Center		
1:30 pm – Pick badges Tours to be updated		
4:30pm- Everyone on the bus to return to the Hotel		

Note: This is a draft agenda. For more information, please contact Dionne Hernandez-Lugo at Dionne.m.hernandez-lugo-1@nasa.gov or Howard Thompson at howardthompson@oai.org

Additional Informational Links:

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[Crocker Park Mall](#)

[Destination Cleveland](#)

[NASA Glenn Research Center](#)