



CONSORTIUM FOR
**BATTERY
INNOVATION**

**CONSORTIUM FOR BATTERY INNOVATION 2019
NORTH AMERICA TECHNICAL WORKSHOP 5-6 NOVEMBER
HOTEL INDIGO NASHVILLE, 301 UNION STREET NASHVILLE, TN 37201 USA**

Agenda

Tuesday 5 November, 13.30-17.00

Item	Speaker	Time
Introduction	CBI Chairman	13.30-13.40
CBI update	Alistair Davidson, CBI	13.40-14.10
CBI Technical Program 2019	Matthew Raiford, CBI	14.10-14.40
Coffee		
Visualizing the Dynamics of Carbon – Enhanced Negative Electrodes in Pb-Acid Batteries	Chris Regan, UCLA	15.10-15.40
Investigation into the Combined Influence of Carbon Black and Organic Expander to Improve Micro-Hybrid Service of Enhanced Flooded Batteries	Tim McNally, Lignotech USA	15.40-16.00
ESS online tool	Jay Lohrbach, Lohrbach Consulting	16.00-16.25
Lead battery research at Advanced Photon Source at Argonne National Laboratory	Tim Fister, ANL	16.25-16.50
General discussion		16.50-17.00
Close		

A dinner will be held at 7pm for meeting delegates at Von Elrod's Beer Hall & Kitchen, 1004 4th Ave N, Nashville, TN, USA. A bus will leave from the hotel lobby of Hotel Indigo at 6.30pm.



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Agenda
Wednesday 6 November, 09.00-16.00

Item	Speaker	Time
Partial State Of Charge (PSoC) Operations and Modifications to Extend Life	Susmitha Appikatla, Daramic	09.00-09.20
Grid Energy Storage Performance Improvement Using Controlled Overcharge	Sally Sun, EAI	09.20-09.40
EV Charging Stations and Opportunities for Lead Batteries	Angie Rolufs, Paragon Business Solutions	09.40-10.00
Adding Intelligent Battery Management to Lead-Acid Energy Storage Systems	Michael Worry, Nuvation Energy	10.00-10.30
CBI Standards Program	Tyler Gray, EAI	10.30-10.50
Coffee		
Technical Communications	Lisa Dry, BCI	11.20-11.40
High-Temperature Durability Project	Paul Everill, Black Diamond Structures	11.40-12.00
Lead Extrusion Technology - A Completely New Perspective for Advanced Lead Acid Batteries	Joachim Seitz, H Folke Sandelin	12.00-12.30
Plans for Future CBI RFPs	Matthew Raiford, CBI	12.30-13.00
Lunch		
Live Imaging of Positive Materials to Understand Degradation and Failure Mechanisms in Energy Storage Batteries	Michael Moats, Missouri S&T	14.00-14.25
High Energy Synchrotron Radiation X-ray Diffraction <i>In situ</i> Studies on Pure Pb, Pb-Bi, and Pb-Ba Thin Films at Elevated Temperature	Micheal Wall, UNT	14.25-14.50
Data-driven Modeling and Estimation of Battery Storage System Properties	Matthias Preindl, Columbia	14.50-15.15
General discussion about future CBI research		15.15-16.00
Close		