



Consortium for
Electrochemical Processes
and Technology

182 Mill Street
Athens, OH 45701
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**CEProTECH Industry Advisory Board
Agenda Closed Meeting
Members and Guests, Attendance by invitation**

Tuesday, April 25th

- 11:30 – 12:30 Arrival & Lunch
- 12:30 – 12:35 Introductions
- 12:35 – 1:00 Consortium Update and Format
Dr. Gerardine Botte
- 1:00 – 1:15 Project Evaluation Forms: L.I.F.E. System
Dr. Damilola Daramola
- 1:15 – 2:30 Project updates from prior years
#1303: Electrochemical Oxidation of Lignin to Value-Added Chemicals
Dr. John Staser
#1309: Investigation of Electrochemical Electrode Interface with Cavity Ring Down Spectroscopy
Drs. Damilola Daramola, Wojciech Jadwisienczak & Gerardine Botte
#1315: Investigation of CO₂ Electro-reduction Mechanism on Copper-based Catalysts
Dr. Madhivanan Muthuvel
#1502: Flow Pattern Effects on Electrochemical Cell Performance
Dr. Dongmyung Suh
#1609: Graphene Composite Electrodes for Hydrogen Evolution Reaction
Dr. Madhivanan Muthuvel
- 2:30 – 2:45 BREAK
- 2:45 – 4:50 New and Continuing Project Presentations
#1607: Innovative approaches for enhancing passive water management of hydrogen pump
Dr. Xinyu Huang, University of South Carolina
#1608: Advanced Electrolytes for Thermal Batteries
Drs. Yuxuan Wang & Gerardine Botte
#1701: Hydrogen Production via Lignite/Biomass Electrolysis
Drs. Dan Wang & Gerardine Botte
#1702: Electrochemical oxidation of alcohols to aldehydes
Drs. Madhivanan Muthuvel & Gerardine Botte
#1703: Electrochemical Reduction of Carbon dioxide to Higher value Organic Materials
Drs. Madhivanan Muthuvel & Gerardine Botte
- 4:50 – 5:05 BREAK



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5:05 – 6:15 Posters/Lab tours

6:15 Meeting Adjourned

Wednesday, April 26th

7:30 – 8:00 Breakfast

8:00 – 8:30 LIFE FORM Review and Discussion
IAB Members and Investigators

8:30 – 9:30 IAB Organizational Meeting and Strategic Planning
Project Voting
Discussion of Impressions from day 1
2017 Officer selection
IAB Members and Consortium Director

9:30 – 9:40 BREAK

9:40 – 11:00 Consortium Strategic Planning
Action Items and Plans for next IAB meeting
Summary and Closing discussion
IAB Members and Consortium Director

11:00 ADJOURN (Box lunches provided)