

ElectroCat Workshop Agenda
Argonne National Laboratory, Building 241/D172
July 26, 2016

- 8:30 am **Welcome and introductions**
- 8:40 am **Energy Materials Network overview** (Eric Miller, DOE-FCTO)
- 8:50 am **Introduction to ElectroCat: DOE perspective** (Dimitrios Papageorgopoulos, DOE-FCTO)
- 9:00 am **State of the art of PGM-free catalyst activity and durability**
(Piotr Zelenay, LANL)
- 9:30 am **Overview of high-throughput techniques as applied to fuel cell catalysts and electrodes** (Debbie Myers, ANL)
- 10:00 am *Break*
- 10:15 am **Summary of ElectroCat experimental capabilities**
(Piotr Zelenay and Debbie Myers)
- 11:00 am **DFT modeling of PGM-free catalyst activity and durability**
(Ted Holby, LANL)
- 11:30 am **Hybrid approach for PEM fuel cell electrode microstructural analysis** (Firat Cetinbas ANL)
- 12:00 pm **Lunch, Argonne cafeteria**
- 1:10 pm **Data management and technology transfer/agreement approaches**
(Ian Foster, ANL, and Laura Barber, LANL)
- 1:40 pm **Description of break-out sessions and goals** (Adria Wilson, DOE-FCTO)
- 1:45 pm **Break-out session discussions**
- PGM-free catalysts and electrodes
 - High-throughput/combinatorial tool development
 - Advanced computational modeling
- 3:15 pm **Reports from break-out sessions** (Break-out session discussion leaders)
- 4:00 pm **Summary and action items**
- 4:15 pm **Tour of High-Throughput Research Laboratory**
(Ted Krause, Magali Ferrandon, ANL)
- 5:00 pm **Adjourn**