

Advances in Electron Microscopy for Energy Materials

**Final Program
17 May 2013**

McMaster University, Gilmour Hall, Room 111

- 9:30 Coffee, registration
- 9:40 Welcome remarks
- 9:45 Keynote speaker
Dr. Karren L. More, Oak-Ridge National Laboratory
Electron Microscopy of Energy-related Materials
- 10:30 Dr. Gianluigi Botton, McMaster University; Canadian Centre for Electron Microscopy
An Overview of Activities in Electron Microscopy of Energy-related Materials
- 10:45 Coffee Break
- 11:00 Dr. Janine Mauzeroll, McGill University
Scanning ElectroChemical Microscopy: Fundamentals and Applications
- 11:45 Dr. Gillian Goward, McMaster University
Nuclear Magnetic Resonance Techniques and Their Applications in Energy Materials
- 12:30-13:15 Lunch Break (Registration required)
- 13:15 Dr. Adam Hitchcock, McMaster University
Scanning Transmission X-ray Microscopy and Applications in Fuel Cells
- 14:00 Dr. Jim Britten, McMaster University
Advances in X-ray Diffraction Techniques for Nano-scale Materials
- 14:45 Visit of Characterization Facilities Located in the Arthur Bourns Building
B161 - CCEM, Ultra-high Resolution TEM and SEM
B101 - MAX, High-resolution Analytical Diffraction Facility
- 15:30 Coffee break served in the CCEM, networking and demonstrations of instruments
- 17:30 Event ends

This event is supported by the CaRPE-FC Network, the APC-LIB Research Group and the Initiative for Automotive Innovation with partial financial support from FEI.

<http://ccem.mcmaster.ca/outreach-courses.php>