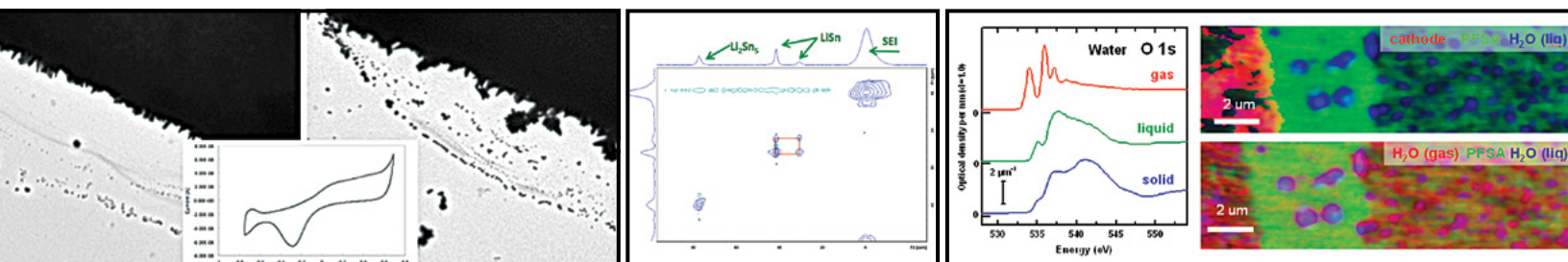


In-situ microscopy and spectroscopy techniques for electrochemical processes

A TWO DAYS WORKSHOP jointly organised by the NSERC APC networks CaRPE-FC and LIB to discuss advanced in-situ characterization techniques with X-rays, NMR and electron microscopy and their applications to study electrochemical processes in fuel cells, battery materials and electrodeposition. The aim is to promote network interactions and introduce participants to a variety of characterization techniques and new in-situ tools. The workshop will include demonstrations of advanced instruments on site.



May 22-23, 2014

Gilmour Hall 111,
McMaster University
Hamilton ON CANADA

REGISTRATION

Workshop is FREE but space is limited. Register from March 15 – May 15 by visiting the website:

Several hands-on demonstration sessions in microscopy, STXM and NMR – see registration form on website for details.

TOPICS

In-situ techniques in:

- Electron Microscopy
- Scanning Transmission X-ray Microscopy
- NMR
- X-ray Tomography
- New instrumentation and techniques

APPLICATIONS

- Fuel cells
- Battery Materials
- Phase transformations and electrodeposition

INVITED SPEAKERS

B. Balcom (UNB); S. Berejnov (AFCC); J. Damiano (Protochips); J. Jinscheck (FEI); M. Holtz (Cornell); S. Litster (Carnegie Mellon); H. Zheng (Lawrence Berkeley Lab)

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