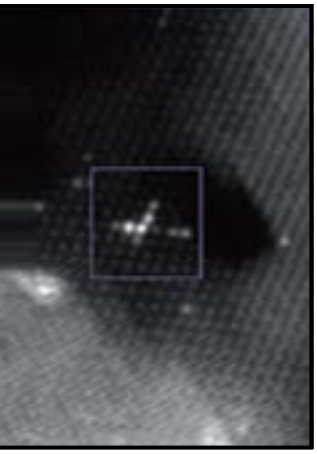
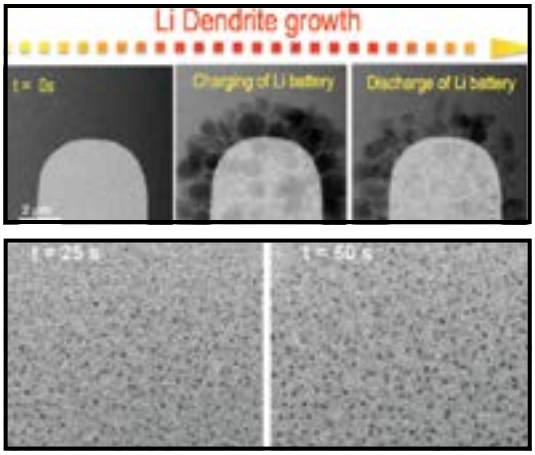
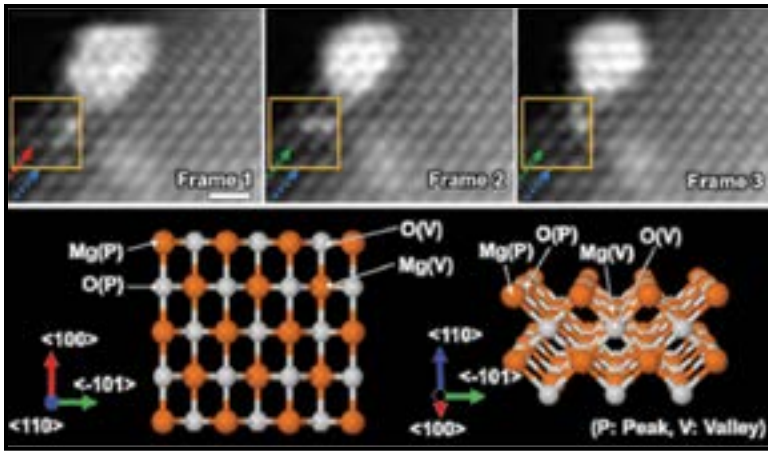
Advanced In-Situ Electron Microscopy Methods To Study Nanoscale Energy Materials

A HALF-DAY WORKSHOP jointly organised by the NSERC APC Networks CaRPE-FC and LIB to discuss recent developments and advances in in-situ electron microscopy methods applied to the characterization of nanomaterials and to probe electrochemical processes and degradation of battery materials. The aim is to learn about novel methods of low-dose imaging of beam sensitive materials, limits of the techniques and provide insights into potential artefacts of the methods.







Tuesday May 10, 2016
1:30 p.m.

Burke Science Building - Room 137
McMaster University, Hamilton ON CANADA

REGISTRATION

Workshop is FREE but space is limited.
Register from April 10 – May 6
by visiting the website:

KEYNOTE SPEAKERS

- **Nigel Browning**
  Pacific Northwest National Laboratory

  "Imaging Dynamic Processes in Liquids by Aberration Corrected (Scanning/Dynamic) Transmission Electron Microscopy"

- **Layla Mehdi**
  Pacific Northwest National Laboratory

  "Understanding the fundamental processes in Li-ion batteries by in-situ liquid ElectroChemical-STEM"

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

Brockhouse Institute for Materials Research
ccem Canadian Centre for Electron Microscopy
CaRPE FC
APC LIB
McMaster University