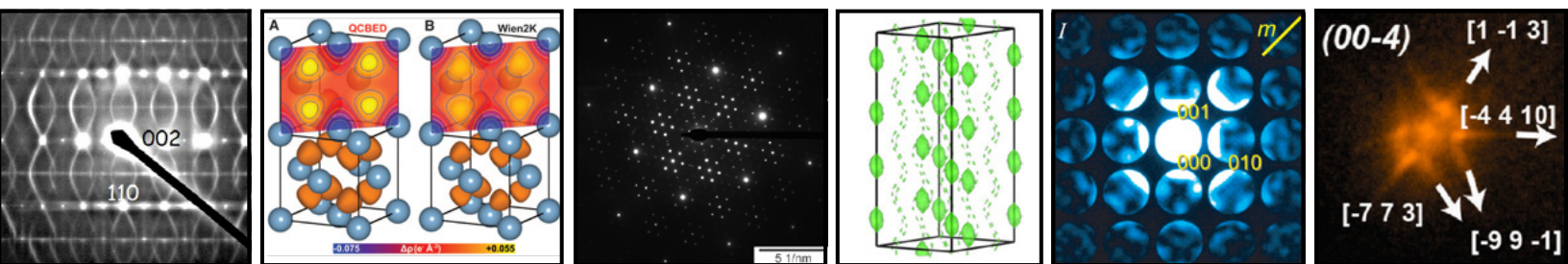


# Advanced Electron Diffraction Methods for Materials Analysis

**A TWO DAY WORKSHOP** organised as a satellite meeting to the 23rd Congress of the International Union of Crystallography meeting. The event aims to introduce students to powerful electron diffraction methods in transmission electron microscopy that can be used to determine the structure of materials, structural modulations in crystals, atomic displacements and charge density distributions. The format includes lectures in the morning and ample of time for discussions with instructors. A good background in crystallography and diffraction is required to register.



## Aug 14-15, 2014

McMaster University  
Hamilton ON CANADA

### REGISTRATION

Workshop is FREE but space is limited.

Register by August 7, 2014  
by visiting the website below:

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

### TOPICS

- Space group determination
- Quantitative convergent beam electron diffraction
- Coherent diffraction
- Diffuse scattering and modulated structures
- Structure determination
- Precession techniques
- Diffractive imaging
- Diffraction of nanostructures

### INVITED SPEAKERS

J. Etheridge (Monash University, Australia); P. Nakashima (Monash University, Australia); L. Palatinus (Institute of Physics, Academy of Science, Czech Republic); K. Tsuda (Tohoku University, Japan); R. Withers (Australian National University, Australia); J.M. Zuo (U. Illinois, Urbana Champaign, US)