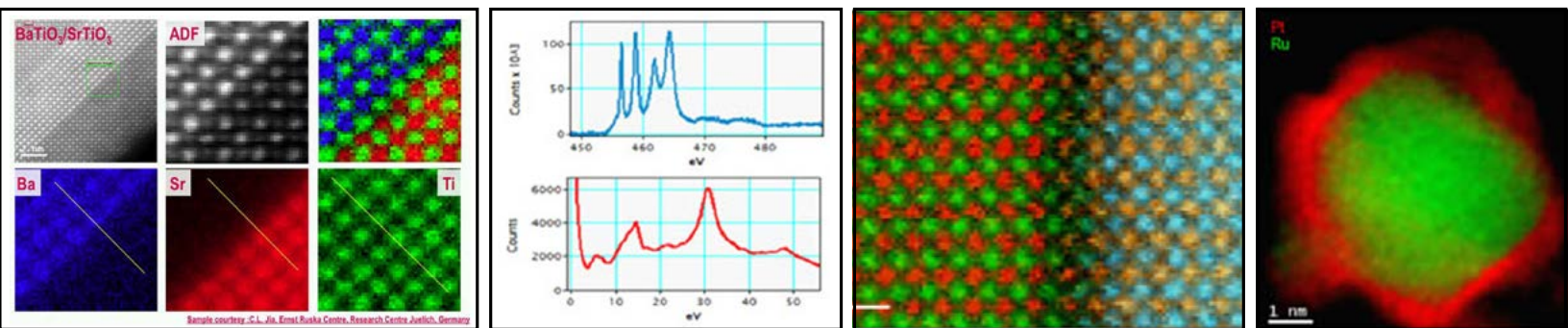


Advanced EELS Techniques

A FULL-DAY WORKSHOP focusing on advanced practices of EELS acquisition, imaging and analysis in a STEM microscope is offered by Gatan and Soquelec at the CCEM. Morning theory and application lectures will be followed by practical sessions on a Titan 80-300 HB STEM equipped with a Gatan Quantum EELS Spectrometer. Previous experience with electron microscopy and EELS is highly recommended for the practical sessions. By the end of the day, participants can expect to know how to get the best out of their EELS spectrometer and how best to optimize experimental conditions to capture the maximum amount of information from their TEM specimen using EELS.



Tuesday Nov. 3, 2016
10:00 a.m.

Engineering Technology Building (ETB)
Room 533

McMaster University, Hamilton ON CANADA

REGISTRATION

Workshop is FREE but space is limited.
Register until October 31
by visiting the website:

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

KEYNOTE SPEAKERS

- **Paolo Longo**
Gatan, Inc.
- **Gianluigi Botton**
Canadian Centre for Electron Microscopy

TOPICS

- acquisition: extended dynamic range, DUAL EELS
- processing: MLLS and NLLS fitting
- high-energy-resolution analysis
- microscope and spectrometer optimization