AZtecEnergy Applications Course Agenda

AZtec system components
- Hardware and detector care and maintenance
- Help, manual and videos
- The AZtec user interface

AZtec Energy image and spectrum acquisition
- Point and ID, comparing spectra and mini-quant
- Microscope control
- SEM conditions, kV and working distance
- Acquisition Pre-sets and Process time
- Peak Identification and diagnostic tools
- Effects of low vacuum and variable pressure
- Simultaneous acquisition and processing

Quantitative Analysis
- Requirements for accurate quant and pre Quantitative analysis checks
- Tru Q - Standardless quantitative analysis using the default standards
- Diagnostic tools and interpreting the results

Calibration
- Optimize navigator
- Energy calibration and beam measurement
- Introduction to Standardize

Imaging, SmartMaps, Linescans
- Optimising image, map and linescan acquisitions
- Creating a layer image
- Autolayer
- TruMap, TruLine and QuantLine
- Analyze Phases
- Practical Session
- Large area mapping and image registration

Saving, reporting and exporting
- Copy and email
- Report templates and batch reporting
- Preferences, profiles and step notes

Further topics
- Guided and Custom views and using two monitors
- Software licensing
- Troubleshooting, Tidy Up and INCA monitor

OXFORD INSTRUMENTS TRAINING ACADEMY

OXFORD INSTRUMENTS
The Business of Science®