

Find Microanalysis a Puzzle?

Need a Refresher?

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Join our free Microanalysis Education Workshops

Broaden your skills in EDS & WDS for chemical analysis within the SEM.

Join one of our **FREE Microanalysis Education workshops** in a location near you.

These workshops will cover a comprehensive program of vendor neutral presentations that cover all stages of the microanalysis experiment:

- Electron beam interactions and X-ray generation in the electron microscope
- Selecting an X-ray Detector
- Considerations for energy resolution, solid angle/crystal size, and light element performance
- Sample preparation methods
- Best practices for operating the SEM in analysis mode
- Qualitative spectroscopy, quantitative analysis, and mapping
- Phase mapping and principal component analysis for large area mapping
- Benefits of adding WDS and EBSD analysis to your SEM

Date: 22 September 2015

Time: 9:00h–16:30h

Venue: Pragolab s.r.o.
Nad Krocinkou 55
190 00 Prague

Contact: Pavel Janderka
Janderka@pragolab.cz

Places are
limited
so reserve
your seat
today at

[thermoscientific.com/
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Time	Presentation
09:00 – 09:30	Registration
09:30 – 09:40	Introduction and Course Overview
09:40 – 10:30	Theoretical Aspects of Energy Dispersive Spectroscopy (EDS)
10:30 – 11:00	Choosing an EDS Detector
11:00 – 11:15	Break
11:15 – 11:45	Spectral Analysis
11:45 – 12:15	Qualitative Techniques
12:15 – 13:00	Lunch
13:00 – 13:40	Quantitative Techniques
13:40 – 14:00	Spectral Imaging
14:00 – 15:00	Element, Quant and Phase Mapping Considerations and Best Practices
15:00 – 15:15	Break
15:15 – 15:45	When to Employ WDS or EBSD to Enhance your Analysis
15:45 – 16:15	Q&A
16:15	Close

Join us to learn from our Applications Scientists whether you are new to microanalysis or just need a refresher. These workshops are available to users of all manufacturers' instruments. Attendance is free and refreshments will be provided. thermoscientific.com/microanalysisworkshops2015