

Introduction to Benchtop SEM: From Sample to Image in Minutes



6 Nov 2025 (14:00 to 17:00 Hrs)



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Phenom ParticleX TC



**Multi-purpose desktop SEM enabling
cleanliness at microscale**

AGENDA

14:00 - 14:15	Registration
14:15 - 14:50	Introduction: - What is SEM & how it works (electron beam vs light) - Fundamentals of SEM - Key advantages of SEM (resolution, depth of field, material contrast) - Highlights of Phenom XL SEM - Challenges with traditional floor-model SEMs - Applications across industries (materials, polymer, academia, life science, electronics, QC)
14:50 - 15:00	Q&A
15:00 - 15:30	Coffee Break
15:30 - 16:00	Demo Session with Phenom XL SEM: - Loading a sample - Navigation & imaging workflow - Auto-focus, auto-contrast, auto-alignment - Switching magnification & detectors (SE vs BSE vs EDS) - Exporting and reporting images
16:00 - 16:45	Demo Session with participant's samples
16:45 - 17:00	Q&A, Networking & Closing

Discover the Power of In-House SEM Analysis.

Join us for an **exclusive workshop** featuring the **Phenom ParticleX TC**, the cutting-edge desktop Scanning Electron Microscope (SEM) designed for **fast, accurate, and automated particle and material analysis**.

Whether you're in **automotive, additive manufacturing, or advanced materials**, this session will showcase how the **Phenom ParticleX TC** transforms **technical cleanliness and elemental mapping—right from your desktop**.

Bonus Opportunity: Bring your own samples for a complimentary live demo of the Thermo Scientific Phenom Desktop SEM during the workshop. Our experts will guide you through its powerful features and ease of use. Experience firsthand how this compact system can elevate your analysis—don't miss out!



REGISTER SCAN

Contact:

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* Seats are limited and will be reserved on a first-come, first-served basis.

* For participants bringing their samples for demo, prefer samples to be sputtered-coated if not conductive.

