Free Workshop

Electron Microscopy School | In parallel with the Microscopy Society of Canada Annual Meeting

McGill University, Montreal | May 26, 27 & 28, 2026

What Can Compact Low-Voltage EM Do for Your Samples?

Bring your samples and find out firsthand what compact low-voltage electron microscopy can do for your research. delong instruments will be on-site running live demonstrations across five imaging modes on the LVEM 25E — a compact, all-in-one EM platform that requires no special facilities, no cooling water, and no vibration isolation. A standard power outlet is all that is needed.

LVEM 25E — All-in-One EM

Five Imaging Modes. One Compact Instrument.

TEM — Transmission electron microscopy at 1.0 nm resolution. High contrast on biological thin sections, nanoparticles, and polymer morphology, often without heavy metal staining.

STEM — Scanning TEM at 10 or 15 kV, providing a complementary contrast mechanism for light-element and hybrid materials.

SEM / BSE — Surface and backscatter imaging at 4 nm resolution directly on standard TEM grids, with no additional sample preparation.

EDS — Energy-dispersive X-ray spectroscopy for elemental composition mapping, fully integrated on the same instrument.

Electron Diffraction — Crystallographic phase identification on the same sample, in the same session.

Bring Your Own Sample

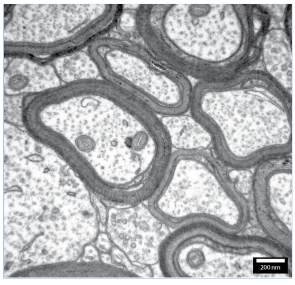
1-on-1 imaging sessions are available across all three days. Samples run on standard 3.05 mm TEM grids. Compatible types include nanoparticles, biological thin sections, polymers, viruses, proteins, mesoporous materials, and more. Many samples image without heavy metal staining — the low accelerating voltage (5–25 kV) produces stronger electron-sample interactions on light materials, yielding higher intrinsic contrast compared to conventional 80–300 kV instruments.

Sessions Are Free — Reserve Your Slot

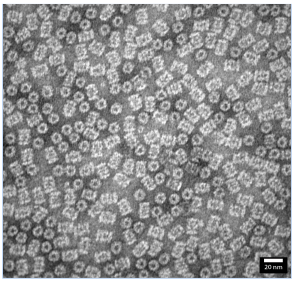
Open to all attendees of the Electron Microscopy School and the Microscopy Society of Canada Annual Meeting. Space is limited — book your demo slot in advance:

calendly.com/delonginstruments/microscopy-society-of-canada-2026

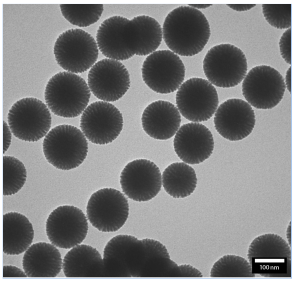
Example images acquired on the LVEM 25



Mouse Brain — Thin Section (TEM)



20S Proteasomes (TEM)



Mesoporous Silica Nanoparticles (TEM)