

# Workshop on Cryogenic Microscopy & Spectroscopy

Brno, Czech Republic | 24–25 March 2026

*Fostering cross-disciplinary collaboration & innovation in cryogenics, electron microscopy, and spectroscopy.*

## Scientific Scope

- ❖ International meeting focused on technologies below 120 K: cryogenic engineering, instrumentation, and applied physics, with emphasis on electron microscopy (cryo-EM) and spectroscopy.
- ❖ Technical aspects of cryo-EM and spectroscopy instrumentation, from sample preparation to cryogenic system design, with applications in both materials and life sciences.

## Sponsorship Opportunities

Promote your brand, products, and services to an international community of scientists and specialists in cryogenics, cryo-EM, and spectroscopy.

**Host & Venue:** Institute of Scientific Instruments, Czech Academy of Sciences (ISI CAS), Královopolská 147, 612 00 Brno, Czech Republic. Contact: [urban@isibrno.cz](mailto:urban@isibrno.cz)

## Connecting Communities

- ❖ A joint activity of the Commissions A1 and C1 of the International Institute of Refrigeration (IIR), co-sponsored by the IIR. Together with the European Microscopy Society (EMS), it creates a platform for dialogue between cryogenics, electron microscopy, and spectroscopy.
- ❖ It strengthens interdisciplinary interaction and fosters innovation, with the institutional support from international and regional societies and infrastructures.

## Organizers

- Kamila Hrubanová: ISI CAS; President, Czechoslovak Microscopy Society (CSMS)
- Vladislav Krzyžánek: ISI CAS; President, EMS
- Pavel Urban: ISI CAS, Cryogenics Conference Organising Committee (since 2004)
- Jiří Gregor: University Hospital Hradec Králové; President, IIR Commission C1
- Steffen Grohmann: Karlsruhe Institute of Technology (KIT); President, IIR Commission A1
- Ralf Herzog: IIR Honorary Member; Past Head, Section A

**Early bird registration opens: January 2026**

