

Electron microscopy specialist position

Cryo-electron microscopy and tomography Core Facility CEITEC MU (CEMCOF) is seeking an electron microscopy specialist to join our team in order to expand our capacity to support the facility users in data acquisition and analysis. CEMCOF is equipped with Titan Krios, Talos Arctica, and Talos F200C transmission electron microscopes, Versa3D small dual beam microscope, and instrumentation for the sample preparation. Our new team member will be responsible for electron microscopy sample preparation, SEM and TEM imaging, setup of the automated data acquisitions, data analysis, and reporting to users. The electron microscopy specialist will have an opportunity to advance her/his expertise in electron microscopy and grow professionally within the research environment of CEITEC Masaryk University.

Responsibilities:

- operation of the electron microscopes for the facility users
- independent evaluation of sample/data quality
- optimization of sample preparation for (cryo-)electron microscopy
- data analysis
- regular maintenance of the microscopy instrumentation
- implementation of protocols and methodologies to enhance the services provided at the core facility

Desired qualifications:

- B.Sc., M.Sc., or Ph.D. in biochemistry, biophysics, structural biology, bioengineering or related
- fluency in English
- ability to work independently
- excellent communication and interpersonal skills
- understanding of electron microscopy principles and experience in cryo-EM are advantageous

We are seeking a colleague who will be motivated to operate state-of-the-art electron microscopy instrumentation and will be excited about interaction with researchers at all levels. Salary will be competitive and depend on qualifications of the candidate. CEITEC is an equal opportunity employer. **To apply, send your CV and a cover letter to jiri.novacek@ceitec.muni.cz by 30th June 2021.**