

Director of
Nanotechnology Centre
VSB - Technical University of Ostrava
announces a selection procedure for a post of
Researcher MEL (D)

for project REFRESH - Research Excellence For REgion Sustainability and High-tech Industries (CZ.10.03.01/00/22_003/0000048), research program 3 - ADVANCED MATERIALS CHARACTERIZATION supervised by Prof. Radek Zbořil

The position is suitable for both women and men.

workplace website:

<https://mel.vsb.cz/en/>

Prof. Zbořil:

<https://scholar.google.com/citations?user=VDAfX9gAAAAJ&hl=cs&oi=ao>

The Nanotechnology Centre and the Centre of Energy and Environmental Technologies at VŠB – Technical University of Ostrava are seeking a highly motivated and ambitious candidate for a position in microscopy. The ideal candidate should have a strong background in microscopy and related techniques, demonstrated by relevant experience and, where applicable, a solid publication record. The successful applicant will join a focused, motivated international research team and have access to excellent on-site research infrastructure.

Full time equivalent: 1,0
Type of job contract: a two-year contract (possibly extended up to five-years)
Expected start of employment: 1.6.2026 or as agreed

We require:

- Phd in Physics
- independently solving complex scientific research tasks in their field
- actively publishing high quality scientific articles
- conducting independent research and collaborate with other members of the research team
- excellent scientific writing and communication skills in English
- data collecting for specific project outputs and their completion
- participating in the implementation of collaborations within research projects
- 3 months' foreign experience at least
- H-index 7 at least, or 100 citations at least
- experience of working abroad or with international research teams and basic/applied/contract research projects

We offer:

- excellent microscopy infrastructure, including a Thermo Fisher Scientific Verios 5 UC HRSEM and a Helios 5 DualBeam FIB-SEM, complemented by a state-of-the-art Spectra 200 S/TEM system currently being installed (expected in 2026)
- Collaborative environment across Nanotechnology Centre, CEET, and CATRIN , with opportunities for international collaboration
- Work on interesting up-to-date research topics with high application potential
- Motivating financial conditions and performance-driven bonuses
- Salary evaluation according project conditions and candidate's experience
- 6 weeks of holidays
- Flexible working hours
- University kindergarten
- Possibility of contributing to a supplementary pension scheme
- Company catering in the canteen
- MultiSport card
- Other employee benefits according to the employer's offer

Your personal data will be processed to the extent necessary for the implementation of the selection procedure in accordance with EU Regulation 2016/679.

<https://www.vsb.cz/export/sites/vsb/en/.content/files/Informace-pro-uchazece-o-zamestnani-AJ.pdf>

E-mail the curriculum vitae, copies of documents on the acquired qualification, and a motivation letter to March 31, 2026 to:
lucie.mohelnikova@vsb.cz

In the subject of the email, please state "Researcher MEL (D)".



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