

Postdoctoral Positions in Material Science – MSCA Postdoctoral Fellowships 2025 at Faculty of Engineering, Czech University of Life Sciences in Prague

Are you a researcher holding a Ph.D. looking to advance your career in **Material Science**. Apply for the **MSCA Postdoctoral Fellowships at Czech University of Life Sciences Prague (CZU)**, under the Horizon Europe Program, to fund a postdoctoral fellowship **focused on ground-breaking composite and nanomaterials research**.

What is Our Research Focus?

Our laboratory is dedicated to the advancement and characterization of fibrous geometries for composite reinforcement, integrating computational modelling with experimental validation. Our research spans a broad spectrum of innovative areas, including nanomaterials and nano-textiles, textile structural composites, green composites, nanocomposites, and biomechanical engineering of fibrous structures. Additionally, we focus on the thermo-mechanical characterization of materials to enhance their performance and reliability in various applications.

The Department of Material Science and Manufacturing Technology is equipped with cutting-edge machinery and state-of-the-art equipment for the development, testing, microscopy, and characterization of fiber-reinforced composites. Our facilities support a comprehensive approach to material innovation, ensuring precise analysis and validation of composite performance.

In addition to our experimental capabilities, we leverage advanced computational tools to model and predict the mechanical behaviour of composite materials. Our highly experienced research team has actively contributed to numerous significant research projects, further strengthening our expertise in the field. Through our interdisciplinary approach, we strive to push the boundaries of composite material science, paving the way for next-generation advancements in various industries.

For more details about future supervisor, prof. Rajesh Kumar Mishra, Ph.D. visit: [Rajesh MISHRA | Professor | Czech University of Life Sciences Prague, Prague | CULS | Department of Material Science and Manufacturing Technology | Research profile](#) or [Rajesh Mishra \(0000-0001-8505-4443\) - ORCID](#)

Why Choose MSCA Postdoctoral Fellowships at CZU?

- **Boost Your Research:** Develop and lead your own research project in collaboration with a top research team from the Faculty of Engineering, CZU

- **Get International and Intersectoral Experience:** Secure 12 to 24-month postdoctoral fellowship at Czech University of Life Sciences, supplemented by up to 6-month secondment at a non-academic institution to foster intersectoral collaboration and broaden your professional experience.
- **Enhance Your Knowledge and Skills:** Gain access to a comprehensive career development programme featuring specialised workshops and tailored training designed to support early-career researchers in achieving their professional goals.
- **Get competitive financial support (per month):**
 - Salary: €5 636,59 (gross) in the Czech Republic
 - Mobility allowance: €710
 - Family Allowance: €660 (if applicable)
 - Research and Training Support: €1 000

Who Can Apply?

The MSCA PF programme is open to postdoctoral researchers of any nationality who:

- Hold a Ph.D. degree at the date of the call deadline (10th September 2025)
- At the call deadline, have a maximum of 8 years full-time equivalent experience in research since obtaining the PhD degree.
- Have not carried out their main activity (work, studies, etc.) in the Czech Republic for more than 12 months within the past 36 months before the call deadline (mobility rule).
- Seek to conduct research at CZU.

CZU is deeply committed to fostering gender equality in research and strongly encourages applications from women.

The programme also welcomes applications from scientists at risk, ensuring a safe and supportive environment for their research.

How to Apply

- If you're interested, please send an email to ruzickova@tf.czu.cz with your CV and a brief description of your future research project.
- Researchers create and submit their MSCA PF applications with the support of a supervisor at CZU.
- **Application Deadline: 9th May, 2025**

For complete details about the MSCA PF programme, eligibility requirements, and the application process, visit the official programme website: [MSCA Postdoctoral Fellowships 2025 | Marie Skłodowska-Curie Actions](#)