

Dean
of Faculty of Mechanical Engineering
VSB – Technical University of Ostrava
announces a selection procedure for
Candidates for Marie Skłodowska-Curie
Postdoctoral Fellowships 2025
Postdoc in Robotics
(researcher)
for the Department of Robotics

We are searching for Ph.D. holders (up to 8 years of from the date of award), who have not resided in the Czech Republic for more than 12 months during last 3 years at the time of the deadline (10 Sep 2025).

Researchers in the following robotics research areas are particularly welcome:

- a) Design of robotics structures / Reconfigurable robotic structures.
- b) Bio-robotics / Soft-robotics / origami robots.
- c) Human-robot interaction-cooperation.
- d) Machine learning.
- e) Field robotics.
- f) Vision / Perception / Prediction

Are you an ambitious researcher with a passion for pushing the boundaries of robotics science? The Department of robotics, and Prof. Zdenko Bobovský, is on the lookout for talented individuals to join us as MSCA Fellows. Seize the opportunity to redefine the possibilities of design robotic systems!

Required expertise:

- **Ph.D. in Robotics, Mechatronics, Computer Science, or a related field.**
- **Specialized Expertise:** Mathematical modelling of mechatronic systems, out of the box thinking
- **Visionary Leadership:** Proven ability to lead and inspire researchers towards groundbreaking discoveries.

Activity description/Position Overview:

As a member of the Department of Robotics, you will contribute to research in the design of self-evolving robotic systems for non-standard applications in unstructured and unknown environment. These systems can change their mechanical structure, parameters and capabilities based on surrounding environment.

Key Responsibilities:

- Research: in defined area of your expertise with focus on components related to self-evolving robotic systems
- Innovative Leadership: Train and mentor a dynamic team of researchers, fostering innovation and collaboration.

Why Join Department of Robotics?

- **Interdisciplinary approach**

- **International Collaboration**
- **Cutting-edge Facilities**
- **Innovate for the Future**

If you are ready to embark on a transformative journey, pushing the boundaries for design of robotic structures, we invite you to apply. Become part of the vision of the Department of robotics and make history in the field of robotics.

Alternative funding in the Czech Republic

The proposals which obtain a score of 70% or above in the MSCA Postdoctoral Fellowships call under Horizon Europe but are not proposed for funding under MSCA due to the lack of budget, are eligible for funding under ERA Fellowships or under the Operational Programme John Amos Comenius (2021-2027).

Full time equivalent:	1,0
Type of job contract:	fixed-term employment contract with the possibility of extension
Anticipated commencement:	June 1 st 2026 onward

The Department of robotics is committed to fostering diversity and inclusion. We encourage applications from candidates of all backgrounds and experiences. The working language is English.

Your personal data will be processed only to the extent necessary for the execution of the selection procedure in accordance with EU Regulation 2016/679: [Informace-pro-uchazece-o-zamestnani-AJ.pdf](#).

For inquiries or to submit your CV and introductory letter, please reach out to Prof. Zdenko Bobovský at zdenko.bobovsky@vsb.cz and Barbora Dvořáková at barbora.dvorakova@vsb.cz **till 30. 6. 2025**.

In the subject of the email, please state "Open Call for the MSCA, Postdoctoral Fellowships 2025".



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