

Dean of Faculty of Mechanical Engineering  
VSb – Technical University of Ostrava  
announces an open call for  
**Research Positions in Robotics**  
**Senior Researcher / Laboratory Leader Positions (R3)**  
for the Department of Robotics

**We are expanding our research capacity!**

The Department of Robotics is looking **new colleagues**:

**Senior Researcher / Laboratory Leader (R3)** - Experienced researchers who will **lead one of the departmental laboratories** and drive scientific excellence, project outputs, and collaboration.

**Research Topics**

**Candidates with expertise in at least one of the following areas are welcome:**

- Robotic and mechatronic system design
- Soft robotics / flexible mechanisms
- 3D printing mechatronics / robotic integration
- Human–robot interaction and ergonomics
- Automation and robotised workplaces (industry use-cases)
- Field robotics and harsh-environment robotics
- Predictive maintenance, sensor systems, multimodal monitoring
- AI/ML for robotics, perception, prediction
- Computer vision and data acquisition
- System modelling and control

**SENIOR RESEARCHER / LABORATORY LEADER – Responsibilities**

- Lead one of the robotics laboratories (assignment based on expertise)
- Set research direction and ensure KPI fulfilment
- Supervise junior researchers and students
- Lead experimental development and system design
- Coordinate deliverables of ongoing projects
- Represent the lab in international, academic, and industrial collaborations
- Actively contribute to publications, patents, and project proposals
- Ensure high-level scientific quality and lab operations

**Suitable for:** Experienced researchers with proven scientific results, project experience, and leadership capability (Ph.D. required).

**What We Expect**

- PhD in a relevant field
- Strong publication or project track record
- Experience with leading tasks, teams, or laboratory operations
- Ability to define experiments, methodologies, and research directions
- Excellent communication and initiative

**Employment Details**

- Full-time positions
- Contract type: fixed-term with the possibility of extension
- Start date: by agreement (early 2026 onward)
- Working language: English

### Why Join Us?

- Work on large, long-term funded national projects
- Full access to modern robotic laboratories and equipment
- Opportunity to significantly shape the future direction of the department
- Leadership roles for senior candidates
- Interdisciplinary environment linking robotics, materials, AI, and industry
- Strong international partner network
- Space for scientific growth and career progression
- 6 weeks of holidays
- Company catering in the canteen
- Other benefits according to the employer's offer

### How to Apply

Please send:

- CV
- Motivation letter
- List of publications / relevant projects
- Preferred research topic

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.

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

For inquiries or to submit your application, please reach out to Prof. Zdenko Bobovský at [zdenko.bobovsky@vsb.cz](mailto:zdenko.bobovsky@vsb.cz) and Ivana Křístková at [ivana.kristkova@vsb.cz](mailto:ivana.kristkova@vsb.cz) until **28. 2. 2026**. We look forward to hearing from you and exploring the exciting possibilities of joining the Department of Robotics.

In the subject of the email, please state "Open Call for K354-R3-Research Positions in Robotics".