

University of Pardubice, Faculty of Transport Engineering  
is recruiting 2 staff members for the position of

## Research fellow – PhD student

(for the project called ‘Multi-sector and Interdisciplinary Cooperation in Research and Development of Communication, Information and Detection Technologies for Control and Signalling Systems– CZ.02.01.01/00/23\_021/0008402’)

|                                                             |                                                                    |
|-------------------------------------------------------------|--------------------------------------------------------------------|
| <b>FACULTY:</b>                                             | <b>Faculty of Transport Engineering</b>                            |
| <b>DEPARTMENT/INSTITUTE:</b>                                | <b>Department of Transport Management, Marketing and Logistics</b> |
| <b>POSITION:</b>                                            | <b>Research fellow</b>                                             |
| <b>CATEGORIZATION ACCORDING TO THE EUROPEAN COMMISSION:</b> | <b>R1 – First Stage Researcher</b>                                 |
| <b>TYPE OF EMPLOYMENT CONTRACT:</b>                         | <b>Employment contract</b>                                         |
| <b>EMPLOYMENT STATUS:</b>                                   | <b>fixed-term</b>                                                  |
| <b>WORKLOAD:</b>                                            | <b>part-time</b>                                                   |
| <b>WEEKLY WORKING HOURS:</b>                                | <b>10 hours</b>                                                    |
| <b>EXPECTED START DATE:</b>                                 | <b>1. 10. 2026</b>                                                 |
| <b>PROJECT DURATION:</b>                                    | <b>1. 10. 2026 – 30. 11. 2027</b>                                  |
| <b>NUMBER OF VACANCIES:</b>                                 | <b>2</b>                                                           |

### JOB DESCRIPTION:

- The successful candidate will contribute to carrying out simpler research and development tasks within Research Area 5 – Research into artificial intelligence methods for application in city logistics – as part of the project ‘Multi-sector and Interdisciplinary Cooperation in Research and Development of Communication, Information and Detection Technologies for Control and Signalling Systems’.
- Contributes to the dissemination of the results of joint research activities through active participation in international and national conferences and by co-authoring specialist publications.
- Research fellow attends project workshops.
- Research fellow contributes to the preparation and provision of source materials for the drafting of scientific reports on the project.
- Carries out research work focused on the collection, analysis and processing of research data, including its management in accordance with the FAIR principles.
- They contribute to the preparation of follow-up scientific and research projects.

### ESSENTIAL QUALIFICATION REQUIREMENTS:

- A student enrolled on a full-time or part-time doctoral programme in a field of study relevant to the project’s research objectives ‘Research and development of advanced methods for the detection, identification, classification and tracking of objects of various sizes, shapes and speeds of movement, utilising elements of artificial intelligence and machine learning’, with thematic areas applicable to Research Area 5 ‘Research into artificial intelligence methods for application within city logistics’;
- Independence, diligence and attention to detail;
- Communication skills, helpfulness and reliability;
- Organizational skills, conscientiousness and thoroughness in carrying out assigned tasks.

**WHAT WE OFFER:**

- Dynamic and interesting work in an academic environment;
- Training courses;
- Meal allowance;
- A pleasant working environment and team.

**DOCUMENTS REQUIRED FOR THE SELECTION PROCESS:**

- a structured CV, including an overview of your research and publication activities to date;
- copies of documents certifying educational qualifications, academic degrees or research titles;
- an individual study plan.

If you are interested in this position, please submit **the required documents for the selection process by 18. 9. 2026** by email to [lada.zaleska@upce.cz](mailto:lada.zaleska@upce.cz) or in written form to the address:

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Jan Perner Faculty of Transport  
Ing. Lada Záleská  
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**Contact person:** Assoc. Prof. Ing. Libor Švadlenka, Ph.D.