

PostDoc position in Robotics Perception for Legged Robots

We are looking for one PostDoc to join the Institute of Robotics and Machine Intelligence at Poznan University of Technology. We offer full-time position with a fixed term contract.

The PostDoc will join our team in learnING versaTile lEgged locomotioN wiTh actIve perceptiON (INTENTION) project within OPUS-LAP program funded by Polish National Science Centre. The project is conducted in collaboration with Intelligent the Autonomous Systems *Group from TU Darmstadt* led by prof. Jan Peters.

The scope of work is within the objectives:

- to provide control algorithms with the physical parameters of the objects in the scene.
- to develop a solution to learn physical parameters representation suitable for locomotion tasks.
- to apply Interactive Perception paradigms on the legged robots.

The person will be responsible for guiding younger researchers in their work. It will involve helping in experiments planning and execution, setting out research goals, participation in paper writing. The scientific part will encompass tasks related to physical perception.

The person has to have a Ph.D. degree in robotics or related disciplines, e.g. computer science. The experience has to be related to perception and machine learning. The leading role in the research project will be a benefit.

Requirements:

- Ph.D. degree in robotics or related disciplines, e.g. computer science,
- Candidates should be max. 7 years after Ph.D.,
- Research track record in perception and machine learning,
- Experience related to legged robotics,
- Leading role in the research project will be a benefit,
- Outstanding team and communication skills, fluency in English.

Desirable:

- basic knowledge of German and driver's license for cars.

We offer:

- full-time employment with ca. 7420 PLN (gross)/month
- full-time employment initially for 1 year, with possible extension for the duration up to 2,5 years ;
- employment is expected from January 1, 2024.

Deadline for applications is: 12pm on 12th of December 2023 (CET)

More information about the project could be found at:

<https://intention.put.poznan.pl/>

To apply e-mail me your CV together with the list of projects and list of publications. Support letter from your previous employer.

Feel free to contact me with any informal queries krzysztof.walas@put.poznan.pl,

Krzysztof Walas, PhD

Assistant Professor

Poznan University of Technology, Faculty of Control, Robotics and Electrical Engineering

Institute of Robotics and Machine Intelligence, Chair of Robotics

ul. Piotrowo 3a

60-965 Poznan, Poland

In accordance with Art. 13 of the Regulation of the European Parliament and of the Council (EU) 2016/679 of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (hereinafter referred to as GDPR) we inform that:

1. The administrator of your personal data is Poznan University of Technology located at Pl. Marii Skłodowskiej-Curie 5, 60-965 Poznań, Poland, e-mail: biuro.rektora@put.poznan.pl, phone: 61 665 3639.
2. Contact details of the Data Protection Inspector - Piotr Otomański, e-mail: iod@put.poznan.pl.
3. Your personal data will be processed in order to carry out the recruitment process; the legal basis for the processing of your personal data is voluntarily and knowingly expressed by your consent according to art. 6 section 1 (b) GDPR.
4. Personal data will not be passed on to processing entities (art. 28 section 1 GDPR). They can be only transferred only to bodies authorized by law.
5. Personal data will be kept for the period of the recruitment process or until you withdraw your prior consent, but its withdrawal does not affect the legality of the processing which was carried out on the basis of consent before its withdrawal.
6. You have the right to access your personal data, the right to rectify them, the right to transfer them, and if applicable, also to remove them, to limit processing and the right to object to processing.
7. You have the right to lodge a complaint with the President of the Office for Personal Data Protection when you feel that the processing of your personal data violates the provisions of the General Data Protection Regulation of 27 April 2016 (GDPR).
8. Providing by you your personal data is voluntary, however, the consequence of not providing personal data may lead to inability to consider your candidacy for a vacancy.
9. Your data will not be processed in an automated way, including profiling.