

Graz University of Technology is the longest-established university of technology in Austria. Here, successful teams of students, talented up-and-coming scientists, ambitious researchers and a lively start-up scene enjoy an inspirational environment as well as access to top-quality equipment. And all this in one of the most innovative and livable regions in Europe. TU Graz offers an inspiring working environment with outstanding infrastructure and service-oriented university management.

The Institute Software Technology at Graz University of Technology has an opening for the position of a:

PhD position in Robotics in Disaster Response at Institute of Software Technology (m/f/d)

in full employment, starting presumably on April 1st, 2021.

The Institute of Software Technology at Graz University of Technology is looking for a motivated PhD student to work on ongoing projects with special focus on automated navigation of ground robots in challenging environments in the context of disaster response (e.g. remote alpine regions, tunnels, off-road).

Required Skills and Qualifications:

- Completed master's or diploma degree with a strong background in robotics, computer science, computer engineering or similar.

Basic knowledge and practical experience in one or more of the following areas:

- autonomous mobile robots
- automated navigation outdoors
- simultaneous Localization and mapping (SLAM)
- sensor fusion
- computer vision for automated navigation
- machine Learning in the area of perception and control
- software development for robot systems (in particular with ROS)
- disaster response and cooperation with emergency services
- social, communicative and didactic competence
- excellent communication skills
- good knowledge of English

We expect the ability to work both independently as well as collaboratively in teams and with different partners as well the willingness to cooperate in research projects carried out at the institute.

We offer:

- Interesting area of responsibility
- Excellent work-life balance (flexible working schedule)
- University's sports program
- Exciting opportunities for professional and personal development
- Public transport subsidy
- Workplace Health Management
- Award for being the most family-friendly enterprise in Styria 2018
- Wide range of food on campus
- Shopping Discounts

The position will be paid according to category B1 of the collective agreement for employees of Austrian universities, stipulating a gross salary of € 2,971,50 (14 x per year, including social and health insurance). Graz University of Technology actively promotes diversity and equal opportunities. People with disabilities and who have the relevant qualifications are expressly invited to apply.

Applications, a full curriculum vitae and other documents should be sent electronically to Prof. Gerald Steinbauer (steinbauer@ist.tugraz.at).

Application deadline: March 15, 2021

Contact:

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