

The Faculty of Electrical and Information Engineering at Graz University of Technology seeks to fill the position of a

University Professor of Autonomous Systems

starting from October 1, 2022. The successful candidate will receive a permanent contract according to §98 of the Austrian University Act (UG).

We are seeking a person with an outstanding qualification and scientific track record who is able to represent the area “Autonomous Systems” in research and education with commitment.

The successful candidate is expected to focus research and teaching on theoretical foundations, methods, and their application in the field of autonomous systems, in particular on several of the following topics:

- Fusion, filtering, and processing of sensor data for environmental perception
- Methods and algorithms for autonomous decision making, action planning, and control
- Methods for interaction and cooperation between autonomous systems and with the environment (e.g., self-organization and distributed decision making)
- Design, realization and verification of autonomous systems with regard to various properties such as fault tolerance, safety, security or real-time
- Applications of autonomous systems, e.g., in the fields of transportation, robotics, avionics, logistics, and production

The duties also include teaching courses in bachelor’s and master’s degree programs, primarily in Electrical Engineering, Electrical Engineering and Sound Engineering, Information and Computer Engineering, and Digital Engineering, as well as special lectures from the candidate’s own research areas. We expect the willingness to teach, intensively supervise students, engage in interdisciplinary cooperation, and actively participate in academic self-administration.

Collaboration with existing research groups of the faculty and Graz University of Technology is desirable as well as cooperation with surrounding and international companies, other universities, and research institutions.

Formal employment criterion is a completed Austrian or equivalent foreign university degree, including a doctorate, appropriate to the position.

Major selection criteria are:

- Outstanding scientific qualification (evidenced by a habilitation/venia docendi or equivalent)
- Involvement in the international research community
- Excellent didactic skills and experience with teaching at university level
- Gender and diversity competence
- Qualification and suitability for leadership
- Industry experience and/or experience in cooperating with industry, research institutions or universities
- Experience in project management and the acquisition of research funding

To represent the field internationally, excellent written and spoken English skills are required. If German language skills are not available, the willingness to learn German is expected.

Relocation of the permanent residence to the Graz area is required.

Graz University of Technology aims to increase the proportion of women, in particular in management and academic staff, and therefore qualified female applicants are explicitly encouraged to apply. Preference will be given to women if applicants are equally qualified.

Graz University of Technology actively promotes diversity and equal opportunities. Applicants are not to be discriminated against in personnel selection procedures on the grounds of gender, ethnicity, religion or ideology, age, sexual orientation (Anti-discrimination).

People with disabilities and who have the relevant qualifications are expressly invited to apply.

Applicants are requested to submit their application in English and in digital form (curriculum vitae, certificates and diplomas, list of publications, description of the scientific and professional background, the five most important publications, overview of previous research and teaching activities, concepts for the future development of the area in research and teaching), using the mandatory application form available at <https://www.tugraz.at/go/professorships-vacancies/>, no later than

October 27, 2021

(email timestamp) to the
Dean of the Faculty of Electrical and Information Engineering at
Graz University of Technology
Univ.-Prof. Dipl.-Ing. Dr.techn. Wolfgang Bösch, MBA
Inffeldgasse 18/EG, 8010 Graz, Austria
email: dekanat.etit@tugraz.at

Hearings are planned for January 17-21, 2022. Applicants are requested to reserve these dates.

The Dean: Univ.-Prof. DI Dr. Wolfgang Bösch, MBA

www.tugraz.at