Graz University of Technology seeks to appoint a full professor of

**Embedded Automotive Systems**

at the Institute of Technical Informatics of the Faculty of Electrical and Information Engineering starting on September 1, 2019. The position is tenured according to Section 98 of Austrian University Act (§98 UG).

For this position, we are seeking a person with an outstanding scientific track record who is able to represent the area “Embedded Automotive Systems” (with focus on embedded and networked systems for future vehicles) in research and education. Digitalization of vehicles is of utmost importance for industry in the greater Graz area and this professorship shall further strengthen this area. The topic of the professorship emphasizes the importance of research and education in the field of embedded and networked systems for future vehicles. Hence, the focus shall be on multiple of the following topics:

- ICT system architectures for vehicles
- Software and hardware for embedded control units with strong requirements regarding real time, resource management, compositionality, maintainability, and security
- Operating system concepts for embedded automotive systems
- Processor architectures for embedded automotive systems
- Basic software to support modelling, implementation, and simulation of vehicle functions
- Reliable networking within and beyond the vehicle

The position will require the willingness to engage actively in intensive interfaculty and industrial cooperation in the greater Graz area as well as with international industry, other universities and research institutions.

The successful candidate is expected to take on a share of the overall teaching responsibilities of the faculty and engage in interdisciplinary collaborations. An active contribution to the academic self-administration of the university as well as intensive supervision of students is also expected.

**Requirements:**
- Completed undergraduate and doctoral degrees in subjects appropriate to the position, from Austrian universities or equivalent to Austrian degrees
- An outstanding academic track record (Habilitation/venia docendi or equivalent academic qualification)
- Very good didactic skills
- Leadership abilities

**Furthermore we expect:**
- Industry experience and/or experience with industry collaborations
- Experience with development and instruction of courses matching the topic of the professorship
- Experience with supervision of masters and doctoral students
- Experience with establishing and leading a research group
- Involvement in the international research community
- Experience with application for and management of funded projects
- Ability to work in a team and cooperativeness
To ensure effective international representation of the research group and its work, excellent spoken and written competence in English is required. Specifically, willingness to teach courses in English is expected. Fluency in German or the willingness to acquire it is also required.

Relocation to live in the greater Graz area is required.

Graz University of Technology aims to increase the proportion of women, in particular in management and academic staff, and therefore particularly encourages qualified women to apply. Until there is a balanced number of men and women at the university, preference will be given to women whenever the applicants are equally qualified.

Graz University of Technology pro-actively strives to ensure diversity and equal opportunities. Applicants must not be disadvantaged on grounds of their gender, ethnic affiliation, religion or ideology, age or sexual orientation (anti-discrimination). People with disabilities and the respective qualification are expressly invited to submit their applications.

Applicants are expected to submit a detailed application electronically to dekanat.etit@tugraz.at no later than September 14, 2018 (e-mail timestamp). The application should include: curriculum vitae, copies of certificates and diplomas, list of publications, description of scientific and career background, a statement of research and teaching experience to date, a development concept for future research and education, as well as copies of the five most significant publications. Applicants must complete and submit the application form provided at www.etit.tugraz.at.

Hearings are planned to be held in November 12-16, 2018 and applicants are requested to reserve these dates.

The Dean:

Univ.-Prof. DI Dr. Wolfgang Bösch, MBA

www.tugraz.at/go/professorships