The Faculty of Electrical and Information Engineering of Graz University of Technology is seeking to appoint a full

University Professor of Acoustics

at the Signal Processing and Speech Communication Laboratory, starting October 1, 2020. The position is tenured according to Section 98 of the Austrian Universities Act 2002 (§98 UG).

For this position, we are seeking a highly qualified and scientifically well-established individual who is deeply committed to representing the field of „Engineering Acoustics“ both in teaching and in research and who brings along experience in music.

The research and teaching responsibilities of Engineering Acoustics include the theory and practice of creating tools for investigating acoustic phenomena and the application of acoustic knowledge to practical utility. This includes the design and modelling of acoustical and vibrational transducers, acoustic arrays and transduction systems in all media and frequency ranges; measurement and computational techniques related to acoustic phenomena and their application; and the engineering of acoustic materials and devices.

Cooperation with existing research groups of the Faculty and Graz University of Technology (a.o. room acoustics, noise-vibration-harshness, soundproofing and psychoacoustics in traffic) is just as welcome as is the cooperation with regional and international industries, other universities and research institutions.

In terms of teaching, both the fundamentals and areas of specialization are to be represented in accordance with the above-mentioned core topics; the inter-university course of studies in Electrical Engineering and Audio Engineering is to be coordinated and further developed in the role of the mastermind, including the operation of a sound recording studio for teaching purposes. Candidates are expected to have experience in and the willingness to teaching and interdisciplinary collaboration, as well as intensive interaction with students and active participation in university affairs.

Applicants must have earned a doctorate (Ph.D.) in the required discipline or in a closely related field from an Austrian or equivalent foreign university.

Key selection criteria are as follows:

- Outstanding scientific qualifications (as evidenced by a habilitation or equivalent scientific achievements)
- Involvement in international research
- Excellent didactic skills
- Experience in university-level teaching
- Education in music
- Gender and diversity competencies
- Qualification and suitability for leading a research team/university institute
- Experience in cooperation with companies, research institutions or universities
- Successful experience in the acquisition of third-party funds
The chosen candidate should have a strong command of the English language, written and spoken, so to effectively represent and communicate the subject matter in an international context both in the classroom and in the research field. If the candidate does not yet have sufficient knowledge of the German language, he or she must be willing to pursue and acquire said language skills.

The chosen candidate is expected to relocate his or her main residence to the Graz area.

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. Until a balanced ratio of men and women has been achieved at the university, 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 who have the relevant qualifications are expressly invited to apply.

Applicants are asked to forward a detailed application in electronic form (certificates and documents, curriculum vitae with a description of the applicant’s scientific and professional career, publication list with copies of the five most important publications, an overview of his or her recent research and teaching activities and a concept for the development of acoustics in research and teaching) using the mandatory application form available at https://www.tugraz.at/go/professorships-vacancies by no later than September 30, 2019 (e-mail timestamp), attn:

Dean of the Faculty of Electrical and Information Engineering
Univ.-Prof. DI Dr. Wolfgang Bösch, MBA
Inffeldgasse 18/EG, 8010 Graz, Austria
E-Mail: dekanat.etit@tugraz.at

Hearings are planned to be held on December 4-6 and December 12-13, 2019, and applicants are kindly requested to reserve these dates.

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