



Graz University of Technology seeks to appoint a full professor of

Electronic Sensor Systems

in the Faculty of Electrical and Information Engineering, starting on September 1st, 2015.

For this position, we are seeking a person with an outstanding scientific track record who is able to start up and develop a new institute, develop a strong and visible research programmes in the subject of “Electronic Sensor Systems” and will be able to teach a full and balanced curriculum of this subject.

The candidate's research activities should include application-oriented research areas in the field of electronic sensor systems, which includes the following components: converters, related analogue and digital electronics, firmware, interface and power supply.

The focus should be on one or more of the following areas:

- sensors for special applications: e.g. high-temperature applications as well as other rough industrial environments
- smart sensors: energy-saving, self-calibrating as well as adaptive
- capability of functional/mechanical and system integration
- optical sensor systems
- sensors for food industry, mobility and environment applications, smart cities and smart homes

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 will be expected to take on a share of the overall teaching responsibilities of the faculty at undergraduate, master's and doctoral levels. An active contribution to the academic self-administration of the university as well as intensive supervision of students is also expected.

The requirement for employment is an undergraduate and doctoral degree in subjects appropriate to the position, from Austrian universities or equivalent to Austrian degrees.

Furthermore we expect

- an outstanding academic track record (Habilitation/venia docendi or equivalent academic qualification)
- involvement in international research
- several years of international working experience
- excellent didactic skills
- teaching experience
- qualification and aptitude to start up and lead a university institute
- ability to work in a team and cooperativeness
- successful acquisition and execution of third-party funded projects

- experience in industrial cooperation
- complementarity to the existing work areas of the institutes of the faculty

To ensure effective international representation of the institute and its work, excellent spoken and written competence in English is required. 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 number of female employees, particularly in scientific and management positions, and thus encourages qualified female candidates to apply. In case of comparable qualifications, preference will be given to female applicants.

Applicants are expected to submit a detailed application electronically to dekanat.etit@tugraz.at no later than

January 11th 2015

(e-mail timestamp). The application should include copies of certificates and diplomas, curriculum vitae, list of publications including a scientific and career background, a statement of research and teaching experience to date and of future research plans, a development concept for the institute as well as copies of the five most significant publications.

Applicants must use the application form provided at www.e-i.tugraz.at/dekanat.

The Dean: Univ.-Prof. Dipl.-Ing. Dr.techn. Oszkár Bíró

www.tugraz.at