Graz University of Technology seeks:

Postdoc and PhD Positions / University Assistant with and without Doctorate (m/f/d) in the area of EMC and Electronics

- 40 hours per week, starting presumably on January 1st, 2023, for at least 2 years
- Application Deadline: November 15, 2022

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.

DUTIES/RESPONSIBILITIES
- Scientific work in ESD, EMC and Electronics
- Post Doc: Supervision of students at BS, MS and PhD level. PhD position: Supervision of BS and MS students.
- Post Doc: Independent teaching of classes in the areas of EMC and/or electronic.
- Post Doc: Grading of thesis work by students.
- Review of scientific publications, participation within the scientific community, publication of research results
- Active involvement in research and teaching (15% teaching)
- We encourage and support the candidate to actively pursue funding for research, e.g., within the FFG, FWF or the European community.

REQUIRED SKILLS AND EXPERIENCE
- PhD in electrical engineering or related areas is required for the post doc position. The PhD position requires a Master in electrical engineering or related areas
- In-depth knowledge in electronics/microelectronics and/or EMC of electronic systems is essential.
- Experience in the design of electronic circuits and/or IC design and knowledge in electromagnetic theory is essential. We further wish for experience in the usage of electromagnetic simulation software.
- Experience in the protection of systems against electrostatic discharge is requested, but not essential.
- We further wish that the candidate published in the area of EMC and/or electronics.
- Good knowledge of English
- A high level of motivation and willingness to integrate into the research group is essential.

WE OFFER
- Interesting area of responsibility
- Collegial and friendly working atmosphere
- Seal of quality for in-house advancement of women
- Flexible working schedule
- Opportunities for professional and personal development
- Possibility for Home-Office
- Subsidy for public transport
- University Sports Program
- Workplace Health Management
- Shopping discounts
- Most family-friendly company in Styria 2018
- International training and teaching opportunities

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We look forward to your complete application (letter of motivation, curriculum vitae, references, further documents) to

sek.ife@tugraz.at

We offer an annual gross salary based on full-time of at least € 56,861 for the post doc position. For the PhD position €42,820.40, overpayment possible depending on qualification and experience. Graz University of Technology aims to increase the proportion of women and therefore qualified female applicants are explicitly encouraged to apply. Graz University of Technology actively promotes diversity and equal opportunities. People with disabilities and who have the relevant qualifications are expressly invited to apply.

Protecting the health of our students and employees is of high importance to our university. For this reason, equally qualified candidates who are fully vaccinated against COVID-19 will be given preference.

Contact
Graz University of Technology
Institute of Electronics
Inffeldgasse 12/1, 8010 Graz
www.ife.tugraz.at

Information on the data processing of your application can be found at www.tugraz.at/go/datenschutzinformationen pa.