

A tenure track professorship pursuant to § 99 para. 5 of the Universities Act.

- **RESEARCHER PROFILE**

Established Researcher (R3)

- **APPLICATION DEADLINE**

22/04/2020 12:00 - Europe/London

- **LOCATION**

Austria › Graz

- **TYPE OF CONTRACT**

Temporary

- **JOB STATUS**

Full-time

- **HOURS PER WEEK**

40 hours per week

- **OFFER STARTING DATE**

01/07/2020

Working area: Aeroacoustics

The position is initially restricted to six years as a University Assistant with Doctorate.

Upon agreement on a qualification agreement, the candidate will be appointed as assistant professor. As soon as the qualification agreement has been fulfilled, the position will be converted into a tenured position as associate professor.

The position will be paid according to category B1 of the collective agreement for employees of Austrian universities, stipulating a gross salary of € 4.309,30 (14 x per year).

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.

Applications with relevant documents (TU Graz application form (www.etit.tugraz.at), copies of diplomas, resume, list of publications, overview of past research and teaching activities, evaluations of teaching activities if available, research statement describing the planned research activities, teaching statement describing the planned teaching activities, 5 most important publications, 2 references) should be submitted, preferably by email, to dekanat.etit@tugraz.at and should quote the position identification number: 4370/20/007

Benefits

gross salary of EUR 4.309,30 (14 x per year)

- **RESEARCH FIELD**

Technology

- **YEARS OF RESEARCH EXPERIENCE**

4 - 10

Offer Requirements

- **REQUIRED EDUCATION LEVEL**

Engineering: PhD or equivalent

Technology: PhD or equivalent

- **REQUIRED LANGUAGES**

GERMAN: Excellent

ENGLISH: Good

Skills/Qualifications

- Excellent knowledge in the field of aeroacoustics
- Extensive experience in modelling and numerical simulation of vibrational and flow induced sound

- Extensive pedagogical and didactic experience in teaching in the field of aeroacoustics and vibrational acoustics as well as coupled field problems (electromagnetics-mechanics-acoustics, fluid dynamics-acoustics) at university level
- Ability to prepare and present teaching content didactically
- Very good knowledge of German (mother tongue or certified CEFR level C2) and good written and spoken English (comparable to IELTS BAND 7)
- Practical experience in the application and implementation of highly competitive research funding projects and the willingness to independently acquire and manage research projects
- Experience in the implementation of research projects with industrial partners
- Experience with national and international research cooperations

Specific Requirements

- Teaching in the field of fundamentals and theory of acoustics, aeroacoustics and numerical simulation of coupled field problems (electromagnetics-mechanics-acoustics, fluid dynamics-acoustics)
- Acquisition and implementation of research projects (basic and applied research)
- Supervision of Bachelor and Master theses
- Co-supervision of dissertations
- Participation in university committees
- Independent organization of scientific events