

Graz University of Technology/Faculty of Civil Engineering Sciences seeks to appoint a full professor in the field of

Building Services

at the Institute of Building Construction with appointment effective as of October 1st, 2020. The successful applicant will be appointed as professor on a permanent employment contract according to Section 98 of the Austrian Universities Act (§98 UG).

We are seeking a candidate with a proven scientific expertise to represent the field of building services in research and teaching. The candidate is expected to make promising contributions to the faculty focus on digital and automated construction in the area of building services. At the interface to building physics and building construction, which are competences also located at the Institute of Building Construction, the focus should be on one or more of the following topics:

- Optimized building integration of building services with regard to Architecture and Building Construction (e.g. structural arrangement and piping distribution systems)
- Conceptual design, dimensioning and simulation of building services systems
- Optimized operation of building services in the context of user-specific and energy efficiency requirements
- Digitalization of the planning, construction and the operations and maintenance process of building services
- Modularization, prefabrication and industrialized construction in the field of building services
- Organizational integration of building service systems in complex building construction projects

Involvement in teaching at bachelor's, master's and doctoral levels in the relevant courses at the faculty of civil engineering is mandatory. In-depth courses based on research and/or practice are desirable.

The position will require the willingness to cooperate within the faculty of civil engineering and to strengthen the field of expertise of TU Graz in the area of sustainable systems as well as to cooperate with national and international universities, research organizations and industry.

Requirements for employment are:

- A university education in a relevant subject, including a completed doctoral degree (PhD)

- An outstanding academic track record in research and teaching (preferably shown by a habilitation (venia docendi) or an equivalent scientific qualification)
- Leadership and Management skills
- Teaching experience and very good didactic skills
- Experience in acquiring research funding a management of projects
- Social skills in teamwork and cooperation

To ensure effective international representation of the field, excellent spoken and written competence in English is required. Fluency in German or the willingness to acquire it is also expected.

Relocation to 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 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 ground of gender, ethnicity, religion or ideology, age. Sexual orientation (Anti-discrimination). People with disabilities and who have the relevant qualifications are expressly invited to apply.

Interested applicants are requested to send a detailed application including

- the application form available at <https://www.tugraz.at/go/professorships-vacancies>
- a C.V. (including copies of certificates and diplomas) including a description of research and teaching experience to date
- an outline of planned activities in research and teaching
- a list of publications (and the five most important publications as pdf files)

in electronic form to the Dean of the Faculty of Civil Engineering Sciences, Univ.-Prof. Dipl.-Ing. Dr. techn. Gerald Zenz, Rechbauerstrasse 12, 8010 Graz, Austria, email: dekanat.bau@tugraz.at by

November 30, 2019

at the latest (e-mail timestamp).

The Dean: Gerald Zenz

www.tugraz.at