



**The Faculty for Civil Engineering of TU Wien intends to fill the position of a
university professor in**

Hydraulic Engineering

by 1 January 2017. This is a fully tenured position with indefinite term according to § 98 UG.

It is affiliated with the Institute of Hydraulic Engineering and Water Resources Management. The responsibilities of the position comprise research and teaching in the fields of hydraulic structures and hydraulic engineering.

The professorship will promote the design and implementation of hydraulic structures in an integrative way within the framework of coupled human-environment systems. The subjects to be covered will range from construction and maintenance of hydraulic structures, be they industrial structures or protective structures, to fluvial modifications. In order to achieve these objectives the research focus will use a systems approach which, e.g., integrates the planning of hydropower schemes with concepts of energy economics and environmental management, or flood protection through structural measures with concepts of flood risk management. The link between fundamental research all the way to the planning implementation will be achieved through field measurements, laboratory experiments, modelling and structural design. The appointed professor will be responsible for the operation of the hydraulic engineering laboratory.

In terms of teaching the professorship will cover all subjects of hydraulic structures and hydraulic engineering within the curricula of the bachelors and masters degrees in civil and environmental engineering at TU Wien. Successful candidates will have gained experience with the planning, design and construction of hydraulic structures, preferably in the international construction industry. The willingness to attract third party funding as well as to collaborate with other units at TU Wien in terms of research and teaching is a prerequisite for the position.

The following requirements must be met to be eligible for the position:

- completed national or equivalent university training with relevant doctorate (PhD) or equivalent,
- Venia docendi (university teaching qualification) at an Austrian university or foreign equivalent, or equivalent other teaching qualification,

- scientific qualification for research and research-guided teaching in the subject area to be filled, appropriate international experience and sufficient exposure to technical and organisational aspects of hydraulic engineering,

- appropriate involvement in the scientific community of the discipline, including associated national and international technical societies,

- administrative, organisational and social competences, leadership skills as well as pedagogic and didactic fitness for teaching.

Further requirements:

- sufficient future research potential,
- ability and willingness to undertake interdisciplinary collaboration,
- ability and willingness to contribute towards university service,
- willingness to make TU Wien the centre of the professional activities.

Classification in remuneration group A1 of the collective bargaining agreement for university employees and a minimum remuneration of EUR 4.842,70/month (14 times) is provided for. A higher remuneration is negotiable subject to qualifications and professional experience.

TU Wien strives to increase the share of women especially in management positions and among the scientific staff and accordingly explicitly encourages qualified women to apply for the position. Female applicants with qualifications equal to those of the best qualified male applicant will be preferred, unless any reasons relating to the person of the male applicant prevail. We also strive to employ persons with disabilities with appropriate qualifications and explicitly encourage them to send in their application.

Applications should include the following documents (in English): Detailed curriculum vitae with a list of projects and publications, lecturing and teaching assignments, copies of the four most important publications, a short (2 page) statement of previous research experience and future research interests. Applications should be sent to Prof. Ronald Blab, Dean of the Faculty of Civil Engineering at TU Wien, Karlsplatz 13/401-2, 1040 Wien, Austria. The written application should include a CD-ROM containing all application documents in electronic form.

Application deadline is 25th Mai 2016 (date of postmark)