

Graz University of Technology seeks to appoint a full professor of

Bio-based Materials Technology

in the Faculty of Technical Chemistry, Chemical & Process Engineering and Biotechnology, starting from April 2015. The position is supported by the TU Graz Field of Expertise "Human- and Biotechnology". The appointment will initially be subject to a limited term of five years, with the possibility of conversion to a permanent position, in accordance with the provisions of Art. 98, Austrian Universities Act (§98 *Universitätsgesetz*).

For this position, we are seeking a person with an outstanding scientific track record who is able to develop a strong and visible research programme in the subject of "Bio-based Materials Technology" and will be able to teach a full and balanced curriculum of this subject. Assignment to an Institute of the Faculty of Technical Chemistry, Chemical & Process Engineering and Biotechnology at TU Graz will be done in accordance with the successful candidate's research programme.

The candidate's research activities should include production, processing and/or functionalization as well as functional conversion of biomaterials in combination with knowledge-based process design and application development. Preferred areas of interest are lignocellulosics, synthetic biopolymers, and tissue-like biomaterials.

The position will require the willingness to engage actively in intensive interfaculty and interuniversity cooperation in Graz and to take on a share of the overall teaching responsibilities of the Faculty of Technical Chemistry, Chemical & Process Engineering and Biotechnology at undergraduate, master's and doctoral levels. An active contribution to the academic self-administration of the university is also expected. The holder of the position will be expected to contribute to the Field of Expertise "Human and Biotechnology" and to take part in the interuniversity projects NAWI Graz and BioTechMed. Furthermore, willingness to enter into collaborations with the competence centres Austrian Centre of Industrial Biotechnology (ACIB) and Research Center Pharmaceutical Engineering (RCPE), is expected.

Requirements for employment are

- undergraduate and doctoral degrees in subjects appropriate to the position, from Austrian universities or equivalent to Austrian degrees
- an outstanding academic track record in research and teaching
- Habilitation or an equivalent academic qualification
- active involvement in international research in at least one of the fields listed above
- Demonstrable managerial skills and suitability for the role of leading and developing a research group and/or a university department

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.

Further we expect:

- Research activity related to (bio)chemical and process engineering
- Excellent teaching skills
- Commitment to teamwork and cooperation
- Professional experience in industry or outside of universities, or a track record of acquiring outside research funding

The Graz University of Technology is committed to increase female employment, especially in leading and scientific positions. We therefore explicitly encourage qualified women to apply. Among equally qualified applicants, women will be given priority, until a balanced proportion of women among the staff has been reached.

Applicants are requested to submit a full application (including copies of certificates and diplomas; curriculum vitae; list of publications; a statement of research and teaching experience to date and of future research plans; a concept for the further development of the department; list of references; copies of the five most important publications) in digital form no later than

15 September 2014

(e-mail timestamp) to the Dean of the Faculty of Technical Chemistry, Chemical & Process Engineering and Biotechnology, Graz University of Technology, Univ.-Prof. Dr. rer.nat. Frank Uhlig, Kopernikusgasse 24 / 1st Floor, 8010 Graz, Austria; e-mail address office6000.tcvb@tugraz.at . For the correct registration of the application, please use the application form available under <http://www.tcvb.tugraz.at/dekanat/aktuelles> .

The Dean: Frank Uhlig

www.tugraz.at