The Faculty of Mechanical Engineering and Economic Sciences at Graz University of Technology invites applications for the ‘BMVIT Endowed Professorship in Aviation’ which is an Endowed Professorship in accordance with Section 98 of the Austrian Universities Act (§98 UG) in the subject of

**Innovative Materials and Fabrication Technology for Aviation**

The full-time position is to be filled from 1 January 2017 at the Institute of Materials Science and Welding. The appointment as university professor is offered for the fixed term of five years. Subject to positive evaluation of performance in accordance with Section 14 Subsection 7 of the Austrian Universities Act (§14 Abs. 7 UG), to the availability of sufficient financing, and to the approval of the relevant bodies it is intended to convert the appointment into a permanent position.

For the position, we are seeking a person with an outstanding scientific track record to further develop the subject Aircraft Materials and Fabrication Technology at the faculty. The candidate’s research areas should support and complement the existing research activities at the Institute of Materials Science and Welding, the Institute of Production Engineering and the Institute of Vehicle Safety and the Fields of Expertise ‘Mobility & Production’ and ‘Advanced Materials Science’, in the following areas:

- Development, optimisation and processing of materials for use in aircraft
- Joining techniques for similar and dissimilar materials
- High-efficiency processing of aircraft materials
- Additive manufacturing technologies in aircraft
- ‘Design to manufacture’ for aviation

We are looking for a person who is highly qualified in terms of their education and their academic and professional experience. Candidates should have relevant international experience in industry, industry-related or university-based research and should be able to represent and communicate the subject vigorously in research and teaching. An aptitude for teamwork, experience and willingness to engage in interdisciplinary collaboration, and active involvement in all aspects of faculty business are required. The appointee is expected to contribute to the research focus ‘Aeronautical Engineering’ and to set up their own research group. Relocation to live in the greater Graz area is required.

**Requirements for employment are:**

- A university education in subjects appropriate to the position, from Austrian universities or equivalent to Austrian degrees, including a doctoral degree
- Outstanding ability to teach and carry out research in the specified subject,
- Demonstrable expertise/ability in teaching and teaching methodology, if possible in the form of a ‘habilitation’ (venia docendi) in a relevant subject or an equivalent qualification
- Demonstrable management ability
- Experience with projects and demonstrable work results relevant to the subject
- The rules of the endowing organization BM:VIT apply: The candidate must come from outside Austria, i.e. at the time of grant application the candidate must not have had an active employment contract with any Austrian University for the past 3 years. During the grant period the candidate must have at least an 80% employment contract with TU Graz. (www.ffg.at/sites/default/files/downloads/call/il_stiftungsprofessur-2015.pdf).
Graz University of Technology is committed to increasing the percentage of female employees, especially in executive positions and as research staff. We therefore explicitly encourage qualified women to apply. In case of comparable qualifications, preference will be given to women until such time as balanced numbers of male and female employees are reached.

Applicants are requested to submit a full application (including curriculum vitae with description of the academic and professional career; certificates and diplomas; list of publications; copies of the five most important publications; references, records of teaching activity; and a summary of research, project and industrial work) in digital form no later than

23 May 2016

(date of receipt of e-mail) to the Dean of the Faculty of Mechanical Engineering and Economic Sciences, Univ.-Prof. Dr. Franz Heitmeir, Inffeldgasse 23, 8010 Graz, Austria, e-mail: dekanat.mbww@TUGraz.at.

Please use the application form of the Technical University of Graz available under www.maschinenbau.tugraz.at.

The Dean: Univ.-Prof. Dr. Franz Heitmeir www.tugraz.at