

Announcement of an open position
at the Institute of Experimental Physics,
Faculty of Mathematics, Physics and Geodesy,
Graz University of Technology



Professor of Experimental Physics with special emphasis on Optics and the Science of Light

(full time, permanent position under private law, expected to start from October 1, 2018). The applicant is expected to have outstanding academic credentials and an excellent track record of scientific accomplishments in the field of optics and the science of light or light-matter interaction. The successful candidate will be expected to make a significant contribution to the institute's research in areas such as nanophotonics, quantum optical hybrid systems, coherent and nonlinear optical phenomena in new materials or quantum technology. Special consideration will be given to candidates who have demonstrated ability to attract external project funding and who have the ability and willingness to establish collaborations with groups of the university within the area "advanced material science".

The Graz University of Technology is committed to increase female employment in leading scientific positions. Qualified female applicants are encouraged to apply and will be given preference when equally qualified.

Successful candidates will have the following qualifications (requirements):

- PhD or equivalent academic degree from a university or another research institution in the relevant field
- Outstanding academic track record in research documented by internationally recognized publications
- Demonstration of pedagogic and didactic skills, verified by habilitation (*vena docendi*) or a comparable qualification in the relevant field
- Leadership abilities
- International working experience
- Successful project acquisition

Candidates should submit a detailed application (in English or German with English summary) in electronic form (preferably in PDF-format and also using the TU-Graz application form) under the *case number 5110/17/014 (subject)* until

September 30, 2017 (date of email receipt)

to the Dean of the Faculty of Mathematics, Physics and Geodesy at Graz University of Technology, Prof. Dr. Wolfgang E. ERNST, Petersgasse 16, 8010 Graz, Austria, bewerbungen.mpuug@tugraz.at. More **details about the position and the requirements** as well as the **application form** you will find at: <https://www.tugraz.at/go/professorships-vacancies> .