

TUM is the first university in Germany to reinforce its recruitment policy by a comprehensive tenure track system. Based on best international standards and transparent performance criteria, TUM FACULTY TENURE TRACK offers merit-based academic career options for high-potential early-career scientists, from the appointment as Assistant Professor through a permanent position as Associate Professor and on to Full Professor.

The **TUM Institute for Advanced Study (TUM-IAS)** invites applications for the prestigious

Rudolf Mößbauer Tenure Track Assistant Professorships

to be appointed as soon as possible.

Within its Fellowship program, the TUM-IAS awards Rudolf Mößbauer Tenure Track Professorships to excellent junior scientists with a high potential for developing an internationally recognized research agenda at TUM. Applications are invited for up to ten professorships in the following areas of the TUM research portfolio (potential host department(s) for each professorship bracketed):

Catalysis and Material Sciences

- Theoretical Methods in Spectroscopy (Department of Chemistry)
- Photocatalysis (Department of Chemistry / Department of Physics)
- Functional Energy Materials (Department of Chemistry / Department of Physics)

Quantum Technology

- Quantum Electronics and Computer Engineering (Department of Electrical Engineering and Information Technology)
- Quantum Computing (Department of Informatics)

Life Sciences and Bioengineering

- Neurons and Metabolism (TUM School of Medicine)
- Brain Circuit Function and Dysfunction (TUM School of Medicine)
- Imaging and Biomarkers in Oncology (TUM School of Medicine / Department of Chemistry)
- Physics in Magnetic Resonance Imaging (Department of Physics / TUM School of Medicine)
- Inverse Problems in Biomedical Imaging (Department of Informatics / TUM School of Medicine)
- Medical Imaging in Radiology (TUM School of Medicine)

The initial appointment will be for 6 years. After positive evaluation in the final year, the candidate is tenured on an Associate Professor level (permanent position). In exceptional cases, the tenure evaluation may be initiated after a minimum of three years. Such cases will be justified by outstanding achievements and by contributions strategically shaping the university's profile. The regulations according to "TUM Faculty Recruitment and Career System" (<http://www.tum.de/faculty-tenure-track>) apply.

Eligible candidates have established a strong track record during their postdoctoral phase, and demonstrate pedagogical and personal aptitude and have gained substantial international experience. Family leave will be taken into consideration.

Supported by competitive start-up resources, candidates are expected to develop an independent and vigorous research program. Furthermore, candidates should be committed to excellence in undergraduate/graduate teaching and in supervising PhD students. Teaching assignments include courses in the subject area and the basic courses offered by the departments as well as courses for other academic TUM departments.

Prerequisites for this position are a university degree, a doctoral degree or equivalent scientific qualification, teaching skills at university level, and additional academic achievements (according to Article 7 and Article 10 III BayHSchPG). The ability to teach in English is a prerequisite for TUM Professors.

Further information on TUM-IAS and the Rudolf Mößbauer Tenure Track Professorship can be found at: <http://www.ias.tum.de/en/fellowship-program/rudolf-moessbauer-tenure-track-professorship/>

TUM is an equal opportunity employer. We explicitly encourage applications from women. Applications from disabled persons with essentially the same qualifications will be given preference. The TUM Munich Dual Career Office provides support for dual career couples and families.

Applications are submitted online via <https://wiki.tum.de/x/T5p9AQ> and should include the following documents: CV, certificates, credentials, list of publications, 3 selected reprints and a short statement with a max. of 1,000 characters each describing their novelty impact, presentation of research strategy, list of courses taught, statement on teaching strategy and teaching philosophy, third-party funding, as well as one letter of recommendation, and the names and addresses of at least 3 references. Applications are requested until **February 08, 2018**.