



*Opportunities
for Talents*



The **Technical University of Munich (TUM)** invites applications for the position of

**Professor in
» Pico- and Nanosatellites
and Satellite Constellations «**

W2 Tenure Track Assistant Professor (with tenure track to W3) or W3 Associate/Full Professor; to begin in summer semester 2021.

Scientific Environment

The professorship belongs to the TUM Department of Aerospace and Geodesy. Our aim is to become the leading European institution in the field of Aerospace and Geodesy. From new transport systems to communication and satellite technology to observing and measuring our planet with unprecedented precision: In interaction with the geodetic disciplines, aerospace is becoming a "Mission to planet Earth", which will take the mobility on and above the earth into new dimensions and will radically change our everyday life (www.lrg.tum.de). Research and teaching activities benefit from the scientific environment of different TUM departments and Integrative Research Centers as well as from cooperation with the German Aerospace Center (DLR), Munich Aerospace and other research institutions. The professorship will be located at the Ludwig Boelkow Campus in Taufkirchen/Ottobrunn in the south of Munich, which is also home to world-renowned industry.

Responsibilities

The responsibilities of TUM professors include research, teaching and the promotion of early-career scientists. We seek to appoint an expert in the research area of picosatellites and nanosatellites and satellite constellations with a focus on miniaturization of satellite technology, inclusive methods, concepts of satellite rapid development (agile design) and reliability as well as satellite formation flight and inter-satellite communication. Teaching duties include courses in the university's bachelor and master programs. We expect participation in conception and implementation of new study programs.

Qualifications

We are looking for a candidate with a university degree and an outstanding doctoral degree or equivalent scientific qualification, who has demonstrated excellent achievements in research and teaching in an internationally recognized scientific environment, regarding the relevant career level. International scientific experience during the doctoral or postdoctoral phase is expected. The successful candidate shows pedagogical aptitude, including the ability to teach in English. Candidates should possess a full commitment to acquire and lead cooperative research projects (BMBF, DFG, EU etc.) as well as a proven ability and experience in research or science management. Experience in picosatellite or nanosatellite design and development is a prerequisite.

Our Offer

Based on best international standards and transparent performance criteria, TUM offers a merit-based academic career option for tenure track faculty from Assistant Professor through a permanent position as Associate Professor, and on to Full Professor. TUM provides excellent working conditions in a lively scientific community, embedded in the vibrant research environment of the Greater Munich Area. Furthermore, TUM offers attractive and performance-based salary conditions as well as a sustainable pension scheme. The TUM Munich Dual Career Office (MDCO) provides tailored career consulting to the partners of newly appointed professors. MDCO gives assistance for relocation and integration of new professors, their partners and accompanying family members.

Your Application

TUM is an equal opportunity employer. As such, we explicitly encourage applications from women. Applications from disabled persons with essentially the same qualifications will be given preference. Application documents should be submitted in accordance with TUM's application guidelines for professors. These guidelines and detailed information about the TUM Faculty Recruitment and Career System are available on www.tum.de/faculty-recruiting. Here, you will also find TUM's information on collecting and processing personal data as part of the application process.

Please send your application in English no later than August 31, 2020 to the **Managing Director of the TUM Department of Aerospace and Geodesy**, Dr.-Ing. Michael Klimke, Willy-Messerschmitt-Str. 1, 82024 Taufkirchen/Ottobrunn (Germany). **Email address for applications:** dekanat@lrg.tum.de.