



*Opportunities
for Talents*



Deutsches Zentrum
für Luft- und Raumfahrt
German Aerospace Center



Technical University of Munich (TUM) and **German Aerospace Center (DLR)** offer a joint appointment procedure for a

Full Professor in » Navigation «

combined with the position of the

Director (m/f/d) of the DLR Institute of Communications and Navigation (Oberpfaffenhofen)

starting in the summer semester 2022. The position is a tenured W3 position. The jobholder will be appointed as a professor at TUM and granted leave with a reduced teaching load (2 hours per week) to take over the management of the DLR Institute in Oberpfaffenhofen (Jülich model).

Scientific Environment

The DLR Institute of Communications and Navigation plays a formative role in the fields of satellite navigation, optical space communications and aeronautical communication. Approximately 200 people work at the institute's sites in Oberpfaffenhofen and Neustrelitz, developing and testing new systems and procedures for radio transmission and radiolocation. They are used for the area-wide provision of multimedia content, as well as for the Internet connection of satellites, aircraft or remote areas. Optical transmission methods are being developed for the area of high rate transmission between satellites and to the ground. In satellite navigation, great emphasis is placed on safety-critical applications that require very reliable position and time determination, as well as on the ability to locate in canyons and buildings. For more information please visit www.dlr.de/kn/en. The professorship will be assigned to the Department of Aerospace and Geodesy at the TUM School of Engineering and Design.

Responsibilities

Responsibilities include managing the DLR Institute of Communication and Navigation, as well as teaching bachelor, master and PhD students at TUM and therefore supervise and promote young scientists. The applicant should be scientifically qualified in several of the following fields of work of the Institute: satellite navigation, communication, optical transmission and cybersecurity to lead the work at the DLR Institute of Communication and Navigation.

Qualifications

We are looking for candidates with an exceptional international scientific and teaching reputation and an established excellent academic record through an internationally recognized research program. Several years of experience in leading larger groups/departments or institutions are considered an asset. Furthermore, the ability to successfully acquire third-party funding, to setup regional, national and international interdisciplinary cooperation with industry and the transfer of research results, are required. Industry experience and experience in technology transfer are desirable. A university degree, an outstanding doctoral degree and/or an equivalent scientific qualification are required. For teaching purposes pedagogical aptitude is mandatory. Substantial research experience abroad is expected.

A prerequisite for employment at DLR is the willingness to undergo a security check in accordance with the national security check law (Sicherheitsüberprüfungsgesetz §8 ff StBG).

Our Offer

DLR and TUM provide excellent working conditions in a lively scientific community, embedded in the vibrant research environment of the Greater Munich Area. The TUM environment is multicultural. As a rule, the holder of this professorship will be employed as a civil servant (Beamte) under German law.

TUM and DLR offer support for dual-career couples.

Your Application

TUM and DLR are equal opportunity employers and explicitly encourage applications from women. The position is suitable for disabled persons. Disabled candidates with essentially the same qualifications and scientific performance as other candidates will be given preference.

For further information on the advertised position, please contact the Divisional Board Member Space of the DLR Dr. Anke Pagels-Kerp, phone +49 2203-601 4100, email: anke.pagels-kerp@dlr.de.

Application documents should comply with TUM's application guidelines for professors. These guidelines and detailed information about the TUM Faculty Recruitment and Career System are available at www.tum.de/faculty-recruiting. Here you will also find TUM's information on collecting and processing of personal data in the context of the application process. Your personal data will be processed by DLR on the basis of a contract between TUM and DLR in accordance with Article 26 or 28 DSGVO.

Please send your application no later than **January 17, 2022** to the Dean of Engineering and Design, Prof. Christoph Gehlen. **Email address for applications: faculty-recruitment@ed.tum.de.**