

## Professor

Ecole/Institution/Société:

**TECHNISCHE UNIVERSITÄT MÜNCHEN (, Germany / Munich**

Discipline:

**Electronics**

Type d'emploi::

**Full-time**

Date de publication:

**2022-03-12**

Personne à contacter:

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### **Professor in Electric Power Transmission and Distribution**

The Technical University of Munich (TUM) invites applications for the position of Professor in Electric Power Transmission and Distribution «

#### **Scientific environment**

The professorship will be assigned to the TUM Department of Energy and Process Engineering of the TUM School of Engineering and Design and is affiliated with the Integrative Research Institute (IRI) Munich Institute of Integrated Materials, Energy and Process Engineering (MEP).

#### **Responsibilities**

- The responsibilities include research and teaching as well as the promotion of early-career scientists. We seek to appoint an expert in the research area of Electric Power Transmission and Distribution with a focus on Power Transmission and Distribution, System Stability, Smart- and Microgrids, Power systems without inertia, sector coupling and flexible loads. Teaching responsibilities include courses in the university's bachelor and master programs explicitly in the field of power transmission and distribution and grid stability.

#### **Qualifications**

- We are looking for candidates who have demonstrated excellent achievements in research and teaching in an internationally recognized scientific environment, relative to the relevant career level (please see [www.tum.de/en/faculty-recruiting-faq/](http://www.tum.de/en/faculty-recruiting-faq/) for further information).
- A university degree and an outstanding doctoral degree or equivalent scientific qualification, as well as pedagogical aptitude, are prerequisites. Substantial research experience abroad is expected.
- Either experience in industry or applied research, as well as outstanding knowledge in methods for grid planning and grid operation, are also prerequisites just as the full commitment to do interdisciplinary research, for example in conventional and renewable power generation, power electronics, dynamic systems and control, energy storage and energy economy

#### **Our Offer**

- Based on the best international standards and transparent performance criteria, TUM offers a

merit-based academic career path from a permanent position as Associate Professor, on to Full Professor. The regulations of the TUM Faculty Recruitment and Career System apply.

- TUM provides excellent working conditions in a lively scientific community, embedded in the vibrant research environment of the Greater Munich Area. The TUM environment is multicultural, with English serving as a common interface for scientific interaction.
- TUM offers attractive and performance-based salary conditions and social benefits.
- The TUM Munich Dual Career Office (MDCO) provides tailored career consulting to the partners of newly appointed professors. The MDCO assists the relocation and integration of new professors, their partners and accompanying family members.

## **Your Application**

TUM is an equal opportunity employer and explicitly encourages 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. 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 at [www.tum.de/faculty-recruiting](http://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 to the Dean of Engineering and Design, Prof. Christoph Gehlen. Email address for applications: [faculty-recruitment@ed.tum.de](mailto:faculty-recruitment@ed.tum.de).

## **Apply now**

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## **Job details**

**Title:** Professor in » Electric Power Transmission and Distribution «

**Employer:** Technische Universität München (TUM)

**Location:** Arcisstraße 21 Munich, Germany

**Job type:** Professor

**Field:** Control Systems Engineering, Electrical Engineering, Electronics, Energy Technology, Systems Engineering

Personne à contacter:

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