



UNIVERSITÄT
BAYREUTH



FAMILIE IN DER
HOCHSCHULE

The University of Bayreuth is a research-oriented university with internationally competitive, interdisciplinary focus areas in research and teaching. The Faculty of Engineering Science at the University of Bayreuth is currently seeking to appoint a

Full Professor of Communication Electronics



(without management function) at pay grade W3 (minimum salary: 7,217 euros per month). This is a permanent civil service position.

Applicants should represent the field of communication electronics in research and teaching and already have an excellent record of relevant engineering work. They should complement the expertise already present in the Faculty of Engineering Science, intensify cooperation with the Computer Science Department, and develop new strategies.

Their research should focus on one or more of the following areas:

- Communication electronics (digital and analogue) for the "Internet of Things"
- Procedures for high-speed interfaces to sensors and actuators in autonomous vehicles
- Novel data acquisition and control interfaces for highly networked systems
- Efficient electronics especially for self-sufficient energy supply (energy harvesting)
- Electronics for real-time process control and associated data acquisition

The research topics should offer links to the focal points of energy, mobility, production technology, and computer science.

In teaching, the professorship should represent basic topics of analogue and digital electronics and contribute significantly to the design of a new degree programme in the field of electrical engineering and information systems technology.

We are looking for applicants who are able to assume responsibility for the acquisition and research management of publicly funded projects and projects carried out with industrial partners.

The general administrative requirements for hiring professors at universities in Bavaria apply. A complete description of the vacancy can be found at www.uni-bayreuth.de/en.

Applications (CV, outlining education and academic career, list of publications, list of courses taught, experience obtaining external funding, as well as copies of all diplomas and certificates) are to be submitted electronically to the Dean of the Faculty of Engineering Science, Prof. Dr.-Ing. Frank Döpfer, via <https://uni-bayreuth.berufungsportal.de> by **20 October 2021**. Applicants are welcome to direct questions and requests for further information to the Dean at dekanat.ing@uni-bayreuth.de. Application documents will be deleted in accordance with data protection law following the conclusion of the appointment process.