

## Call for applications

Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)

The Faculty of Engineering and the Faculty of Business, Economics, and Law at Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU) invite applications for up to three

### **Open Topic Professorships in the field of Digital Transformation (W1)**

in the departments of Mechanical Engineering, Materials Science, Computer Science and the School of Business, Economics and Society. The professorships are to be filled by the earliest possible starting date for an initial period of three years. Upon successful evaluation, the appointments will be extended for another three years.

We are seeking to appoint three professors to research and teach in the area of 'Digital Transformation' (open topic) who will be based in the Faculty of Engineering or the Faculty of Business, Economics, and Law at FAU. Successful candidates are expected to demonstrate a high level of innovation in research and teaching, particularly in collaboration with adidas AG, who is sponsoring the professorship.

Successful candidates are expected to represent the field adequately in research and teaching. An independent research and teaching profile in one or several of the following areas, ideally with applications in the sports industry/sports equipment industry, is desired:

- Artificial intelligence, machine learning, data analytics
- Digital technologies, wearable and ubiquitous computing, IoT
- Digital change management, digital innovation
- Digital business models, business intelligence
- Digital retail, interactive value creation
- Social and web intelligence, social (media) analytics
- Data engineering, personal data spaces, digital twin, digital me
- Enterprise knowledge management
- Supply chain management
- Digital design/production/manufacturing, product/material simulation
- 3D printing, additive manufacturing
- Integration of physical and virtual models (phytigital integration)

Successful candidates demonstrate initial academic achievements and the capacity for independent research at the highest international standards. You have substantial research experience abroad and/or experience in managing research projects and in raising third-party funding. A university degree and an outstanding doctoral degree as well as a passion for education and pertinent teaching experience are also prerequisites. Candidates who are able and willing to teach in both English and German are desired.

FAU expects applicants to become actively involved in administering academic affairs and in developing strategic initiatives. FAU pursues a policy of intense student mentoring and therefore expects its teaching staff to be present during lecture periods.

FAU offers career development, mentoring and an attractive initial research budget. Based on international standards and transparent performance agreements, FAU ensures a fair tenure track evaluation process.

In its pursuit of academic excellence, FAU is committed to equality of opportunity and to a proactive and inclusive approach, which supports and encourages all under-represented groups, promotes an inclusive culture and values diversity. FAU is a family-friendly employer and is also responsive to the needs of dual career couples.

Please submit your complete application documents (CV, list of publications, list of lectures and courses taught, copies of certificates and degrees, list of third-party funding) online at <https://berufungen.fau.de> by **15.04.2020**, addressed to the Dean of the Faculty of Engineering or the Dean of the Faculty of Business, Economics, and Law. Please contact the Office of Faculty Recruitment at [zuv-s-ber@fau.de](mailto:zuv-s-ber@fau.de) with any questions.