Paderborn University is a high-performance and internationally oriented university with approximately 18,000 students. Within interdisciplinary teams, we undertake forward-looking research, design innovative teaching concepts and actively transfer knowledge into society. As an important research and cooperation partner, the university also shapes regional development strategies. We offer our about 2,600 employees in research, teaching, technology and administration a lively, family-friendly, equal opportunity environment, a lean management structure and diverse opportunities. Join us to invent the future!

At the Institute of Electrical Engineering and Information Technology which is part of Faculty of Computer Science, Electrical Engineering and Mathematics a

W3 – University Professorship (f/m/d) in Information Engineering

is to be filled. We understand "Information Engineering" as the generation, distribution, analysis, and interpretation of information, data, and knowledge in systems. Modern approaches are typically data-driven and use machine learning and artificial-intelligence methods. The focus of this professorship will be on methods that take into account the structure of the data of the particular application, given by the physics. Such structure can be, for example, prior knowledge of a model of how this data is generated. It is also possible that direct prior knowledge about the structure of data is given (e.g., a space-time structure or sparsity).

We are looking for a person who performs research on modern methods of information engineering exploiting the data structure of the respective application and who has an excellent track record in this field evidenced through international publications. The applications considered should be related to electrical and information engineering (such as communications engineering, control engineering, signal, image or speech processing). Connections to research priorities in the Faculty are desirable and advantageous.

We expect eminent standing and commitment in the scientific community. Experience in the acquisition of third-party funds and relevant industrial experience are advantageous, but not mandatory.

Hiring requirements: § 36 Abs. 1 Ziff. 1 – 4 HG NRW “University law of the State of NRW” (completed university degree, pedagogical aptitude, Ph.D. degree and additional research achievements).

The University of Paderborn is seeking to increase the percentage of women among its academic staff and therefore strongly encourages applications from qualified female scientists. In case of equal qualifications and achievements, women will be given preferential consideration according to state law (LGG). Furthermore, applications from qualified handicapped persons are also encouraged.

Further information on this position can be obtained by contacting the Chair of the Search Committee, Prof. Erdal Kayacan (Mail: erdal.kayacan@upb.de).

Applications with the usual documents are requested online via the application portal of the University of Paderborn by January 26, 2024 (Ref. No. 6006): https://bewerbung.uni-paderborn.de/stellen/6006.

Information regarding the processing of your personal data: https://www.uni-paderborn.de/zv/personaldatenschutz.