



Paderborn University is a high-performance and internationally oriented university with approximately 20,000 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 more than 2,500 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!

In the faculty of Electrical Engineering, Computer Science and Mathematics, the Institute of Electrical Engineering offers a

PhD position (f/m/d)

(the salary is according to 13 TV-L)

with 50% - 100% of the regular working time for a period of three years. This is a qualification position in the sense of the Wissenschaftszeitvertragsgesetz (WissZeitVG) which serves the acquisition of scientific competencies through the development of a dissertation topic with the aim of obtaining a doctoral degree. Research will be conducted in the field of statistical signal processing and machine learning with application to speech processing. An extension for the completion of the doctorate is possible within the time limits set by the WissZeitVG.

Responsibilities

- research on signal processing and machine learning for speech signals, contributing to the development of high-performance systems for enhancement, recognition, or analysis of speech signals
- teaching duties to the extent of 4 hours/week
- publication and interdisciplinary communication and cooperation.

Essential Qualifications:

- Master's degree in electrical engineering, computer science or a related discipline with very good grades
- Experience in machine learning, in particular deep learning techniques
- very good programming skills (Python)
- very good English skills

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Act (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is, in principle, possible. Applications from disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with the German social law SGB IX.

Please send your application, including cover letter, your CV, certificates, and other accompanying documents via email with the **reference number 5030** to haeb@nt.uni-paderborn.de.

Information regarding the processing of your personal data can be located at: <https://www.uni-paderborn.de/en/zv/personaldataenschutz>

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