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 more than 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!

In the Faculty of Natural Sciences - Department of Chemistry - the following position is available for the summer semester 2024.

W2–University Professorship (f/m/d) for Physical Chemistry

Requirements:
Applicants are expected to have an internationally visible research profile in a promising field of physical chemistry, which is apparent from publications in high-ranking journals, successful applications for third-party funding as well as national and international cooperation. Relevant teaching experience in the field of physical chemistry in German and English is expected, as well as demonstrated willingness to collaborate and experience in collaborative research.

Expectations:
The applicants are expected to work in a promising field of physical chemistry and to complement the focus areas "Sustainability" and "Hydrogen" of the Department of Chemistry thematically and methodologically with a modern research area that is complementary and connectable to existing working groups. The scientific focus of the applicants should be in the field of energy conversion, such as electro-, photo- or photoelectrochemistry. Examples include electrochemistry by conversion of CO2, activation of small molecules, upconversion processes in combination with photocatalytic transformations, hydrogen evolution reactions. These thematic foci are ideally combined with spectroscopic or analytical methods that also visualize dynamic processes in solution and at interfaces.

With this orientation, the existing inter-departmental and inter-faculty research activities in Paderborn are to be supplemented and strengthened. Connections to central scientific institutions such as the Center for Sustainable Systems Design (CSSD), the Center for Optoelectronics and Photonics Paderborn (CeOPP) or the Institute for Photonic Quantum Systems (PhoQS) are desirable. Active participation in and initiation of third-party funded projects and coordinated programs is expected.

The future holder of the position is expected to fully represent the field of physical chemistry in teaching in the Bachelor's and Master's programs for students in the major and minor subject, in particular also in the teacher training.

Participation in the academic self-administration is taken for granted.

Recruitment requirements:
§ 36 section 1 nos. 1-4 HG NRW (completed university degree, pedagogical aptitude, relevant doctorate and additional scientific achievements).

Since Paderborn University seeks to increase the number of female professors, applications of women are especially welcome. In case of equal qualification and scientific achievements, they will receive preferential treatment according to the North Rhine-Westphalian Equal Opportunities Policy (LLG), unless there are cogent reasons to give preference to another applicant. Likewise, applications of disabled people with appropriate qualification are explicitly requested. This also applies to people with equal status according to the German social law SGB IX.

Applications with the usual documents (curriculum vitae, references and certificates, list of publications, list of courses taught including proof of pedagogical aptitude, information on current and planned research projects, research cooperations and third-party funded projects, language certificates, if applicable, etc.) including a one-page concept paper regarding the connectability of the research activities in the Department of Chemistry are requested online via the application portal of the University of Paderborn by December 1, 2023, quoting the reference number 6152:

https://bewerbung.uni-paderborn.de/stellen/6152

Information on the processing of your personal data can be found at: https://www.uni-paderborn.de/zv/personaldatenschutz.

Dean of the Faculty of Science
Prof. Dr. Wolf Gero Schmidt
Universität Paderborn
Warburger Str. 100
33098 Paderborn

www.upb.de