

Paderborn University is a high-performance and internationally oriented university. 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 employees in research, teaching, technology and administration a lively, family-friendly and equal opportunity environment, a lean management structure and diverse opportunities. **Join us to invent the future!**

In the **Faculty of Natural Sciences** in the Department of Chemistry – **Inorganic Chemistry** – Research Group of Prof. M. Bauer & Jun.-Prof. F. R. Fischer – the following position as part of the DFG Research Group FOR 5781 (Stimulus-responsive luminescent coordination compounds) is to be filled as soon as possible:

Research Assistant (f/m/d)

(Salary level according to 13 TV-L)

with 50% of the regular working hours. This is a fixed-term position initially limited for three years due to third-party funding within the meaning of the German Act on Fixed-Term Research Employment Contracts for Academic Staff (Wissenschaftszeitvertragsgesetz "WissZeitVG"). The duration of the fixed term corresponds to the approved project period. The possibility of a doctorate qualification is given. An extension is possible within the time limits of the "WissZeitVG".

Duties and responsibilities:

- Collaboration in the above-mentioned research project
- Synthesis and X-ray spectroscopic investigations of organometallic complexes in their ground state and under various stimuli (e.g. temperature, pressure, electric or magnetic field)
- Design and construction of new measuring cells for performing X-ray spectroscopic measurements using the stimuli relevant to the project
- Regular performance of X-ray spectroscopic measurements at synchrotrons in Germany and abroad
- Learning methods for and performing evaluations of the measured X-ray spectra
- Performing and interpreting theoretical calculations (e.g. DFT)
- Establishing and maintaining active cooperations within the project, participating in project meetings and topic-specific conferences
- Writing publications and applications for beam times and third-party funding

Recruitment requirements:

- Scientific university degree (Master's or equivalent) in chemistry or physics
- Experience in X-ray spectroscopy (X-ray absorption and X-ray emission) and theoretical spectroscopy or inorganic coordination chemistry, as well as in planning and conducting relevant experiments
- Willingness to travel
- Ability to work independently and in a goal-oriented manner

We offer:

- Flexible working hours and the individual option of mobile working
- Wide range of health, counseling and prevention services
- Attractive fringe benefits such as childcare facilities and sports activities
- Opportunities for internal and external training and development
- Additional benefits in accordance with the collective agreement of the federal states (TV-L), such as annual bonuses and capital-forming benefits as well as the VBL supplementary pension scheme

Applications from women are particularly welcome and, in case of equal qualifications and experiences, will receive preferential treatment according to state law (LGG), unless there are preponderant reasons to give preference to another applicant. Part-time employment is generally 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 documents (preferably in a single pdf file) using the **Ref. No. 7224** until **16th March 2026** to felix.richard.fischer@uni-paderborn.de.

Information regarding the processing of your personal data can be located at:

<https://www.uni-paderborn.de/en/zv/personaldatenschutz>

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