



## Job Announcement

Young, modern, and research-oriented... the University of Potsdam has firmly established itself within the scientific landscape since its founding in 1991. Nationally and internationally renowned scientists teach and perform research here at Brandenburg's largest university. The University of Potsdam is successful in acquiring third-party funds, delivers outstanding performance in technology and knowledge transfer, and has a very service-oriented administration. With about 22,000 students studying at three campuses – Am Neuen Palais, Griebnitzsee and Golm – the University of Potsdam is a prominent economic factor and engine of development for the region. The University of Potsdam has a total of over 3,000 faculty and staff members and is located in one of Germany's most scenic areas.

The **University of Potsdam, Faculty of Science, Institute of Chemistry** invites applications for the following position:

### Doctoral/Postdoctoral Researcher Requisition No.: 393/2021

The position is available with immediate effect. The salary is determined by the collective bargaining agreement for public employees in Germany (TV-L 13). The position is for 40 hours per week (100% of a full-time contract). This is a temporary position limited to a term of three years in accordance with Section 2 subsection 1 of the Fixed-Term Employment Contracts in Science and Research Act (WissZeitVG).

Among others, projects in the following fields can be envisioned:

- Raman imaging spectroscopy and Raman hydrogen spectroscopy
- Light scattering
- Plasmonic chemistry
- Photon-density wave spectroscopy
- Nanoparticle synthesis and nanoparticle based sensing
- Optical process analysis

Besides working in an active research environment, this position also provides the opportunity to develop a scientific method or technique towards such a degree of technological maturity that a prototype or an industrial application comes within reach. Candidates are encouraged to suggest an innovative research project that bridges basic scientific questions with a potential application.

#### Qualifications:

- Candidates should have a **Diploma, Master or PhD in physics or chemistry with a focus on** physical chemistry or a related discipline.
- The successful applicant should be an experimental scientist and shall complement and strengthen the existing research activities at the Institute of Chemistry.
- Candidates with a background and an interest in research at the interface of chemistry, physics and applications are particularly encouraged to apply.
- The candidate is expected to have some expertise in teaching to support the teaching of undergraduate physical chemistry courses (in German).
- All applicants are expected to possess **highly interdisciplinary research interests, structured working manner and team spirit.**
- The candidates will have the opportunity to pursue a PhD or habilitation.

We offer you varied and challenging tasks in a dynamic team as well as attractive working conditions. Find out more about the wide range of offers and benefits for our employees on the internet at <https://www.uni-potsdam.de/de/arbeiten-an-der-up/>. For further insights into the University of Potsdam, please visit our homepage at <https://www.uni-potsdam.de/en/>. Prof. Ilko Bald and Prof. Hans-Hennig von Grünberg will be happy to provide you with further information regarding the job advertisement via e-mail: [ilko.bald@uni-potsdam.de](mailto:ilko.bald@uni-potsdam.de) or [Hans-Hennig.von.Gruenberg@uni-potsdam.de](mailto:Hans-Hennig.von.Gruenberg@uni-potsdam.de), respectively.

Under the laws of the federal state of Brandenburg, employees under this contract are permitted to dedicate at least 33% of their contract time to their own academic qualification.

The University of Potsdam aims to increase the proportion of women in research and teaching and therefore invites qualified female applicants to apply. The University of Potsdam values the diversity of its members and pursues the goals of equal opportunities regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, sexual orientation or identity. In the case of equal suitability, women within the meaning of Section 7 (4) BbgHG (Brandenburg Higher Education Act) and people with severe disabilities will be given preferential consideration. Applications from abroad and from persons with a migration background are expressly welcome.

**Applications (including motivation letter, CV, certificates, list of publications and conference presentations) should be submitted before 15<sup>th</sup> November 2021 to Prof. Ilko Bald ([ilko.bald@uni-potsdam.de](mailto:ilko.bald@uni-potsdam.de)) in a single pdf file with the subject line and requisition number.**

Potsdam, 22.10.2021