

The Leibniz-Institut für Analytische Wissenschaften - ISAS - e.V. is located in Dortmund and Berlin. Besides scientific activities in the development of new or improved measuring methods and analytical separation techniques as well as spectroscopy and spectrometric equipment in modern analysis, research is undertaken in the areas of spectroscopic methods and analytical contributions to solving problems in the fields of materials and life sciences.

We invite applications for a

PhD position (m/f) in Protein Liquid Interfaces

In the group Nanostructures at ISAS in Berlin you will work in a cooperation project with the Department of Physical Chemistry at Ruhr-Universität Bochum (main research location). You will be responsible for the application and development of novel microscopic and other spectroscopic methods for the understanding of molecular recognition processes in vitro and in vivo. E. g. we want to investigate how crowding and heterogeneity influence bio-molecular processes.

Your profile

- Masters, Diploma or equivalent degree in chemistry/ biochemistry/ physic.
- Strong background and interest in bio-photonic-methods such as Raman-, THz-, Infrared-, and Fluorescence-microscopy.
- Experience with Laser or spectroscopy methods
- A strong interest for biophysical questions would be required.

We offer

- A clear research topic as well as multifold training and support for PhD students in framework of ISAS and the Leibniz association.
- Training and scientific development opportunities in an international environment and an excellent working atmosphere in a very dynamic and professional team.
- Extensive state-of-the-art equipment and infrastructure in various analytical methods.
- The opportunity to present your data on international conferences and participate in workshops.

Non-residents who apply for this job will receive help from the institute to find accommodation and to handle authorities. Applications from disabled applicants are welcome. ISAS supports the principle of equal opportunity between men and women, and is therefore interested in applications from women.

The salary will be according to the German TV-L. This position is a part-time work 60% and offered for three and a half years. The time limitation of the contract is based on the Wissenschaftszeitvertragsgesetz (WissZeitVG). The position is available immediately.

Closing date for application is **23th May 2017**. Complete applications with an extended curriculum vitae with full publication list, a cover letter, a 2-page research statement that clearly describes your research profile and interests as well as your expertise and methodological competencies, names and contact information of 2 references, if available, should be submitted (quoting the reference number **BM_18/2017** in the subject header) as a single pdf document to personal@isas.de. Informal inquiries are welcome and can be submitted to the human resources department (personal@isas.de). For further information on the institute please see: <http://www.isas.de>.