

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 analytics, 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

Post-doctoral position / Scientist (m/f) in Physics/Chemistry

in the group **Nanostructures** at **ISAS Berlin** you will be responsible for:

- Development and application of Raman spectroscopy in the UV-DUV spectral range
- In-situ optical spectroscopy at liquid-solid interfaces, spectro-electrochemistry
- Biomolecule-functionalized nitride- and oxide-semiconductor nanostructures.

Your profile

- PhD in Physics or Chemistry
- Strong background and interest in optical spectroscopy, in particular Raman spectroscopy
- Experience with electrochemical methods useful
- Interest in bio-sensoric interface processes.

We offer

- 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 work 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 TVöD-Bund. The full-time position is offered for two years. The position is available immediately.

Closing date for application is **22nd of September 2017**. Complete applications with an extended curriculum vitae with full publication list, cover letter, a description of your research interests as well as your expertise, and contact information of two references (if available) should be submitted (quoting the reference number **A_32/2017** 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>.