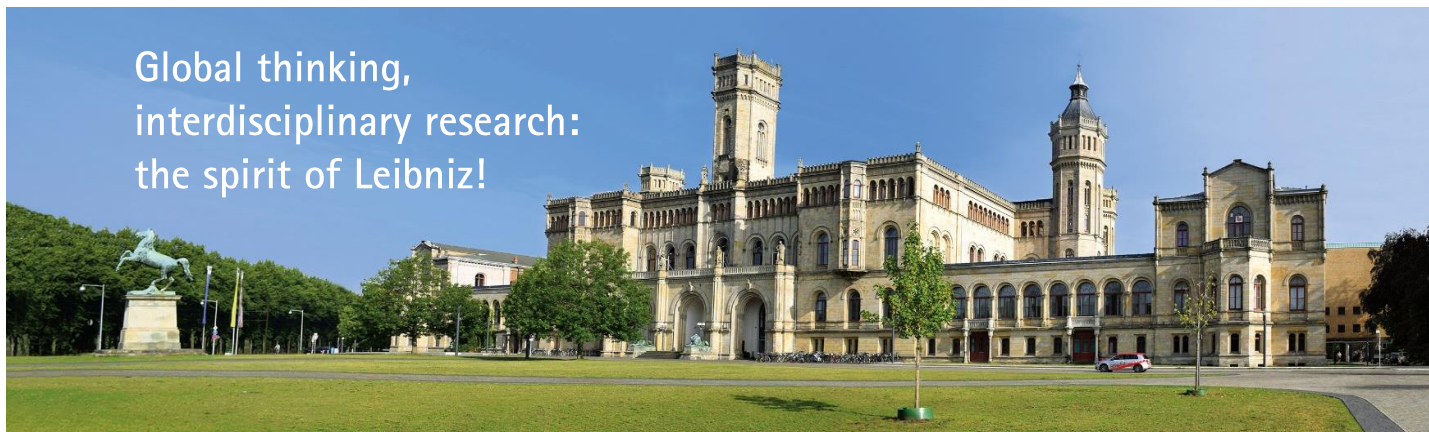


Global thinking,
interdisciplinary research:
the spirit of Leibniz!



Nestled in a modern city surrounded by nature and with an exceptional standard of living, Leibniz University Hannover offers excellent working conditions in a vibrant scientific community. In the Institute of Inorganic Chemistry nanostructured and porous materials are being synthesized, analyzed, and simulated. Focus lies on functional and adaptive materials, among them optical materials, which are being developed in cooperation with the Cluster of Excellence PhoenixD.

The Institute of Inorganic Chemistry welcomes applications for the following position starting at the earliest possible date:

Research Staff (m/f/d) in the field of simulation of optical materials (salary scale 13 TV-L, 50 %)

The fixed-term position is for a duration of 36 months.

Your role

- You are embedded into cooperations with the experimentalists of the Institute of Inorganic Chemistry and the theoretical groups of the Cluster of Excellence PhoenixD.
- You contribute electronic structure calculations to the interdisciplinary research on nanostructured, optical materials (e.g. electronically excited state, spectra).
- You employ the groups-owned code Jellyfish for the simulation of the light-induced electron dynamics in adaptive optical materials.
- You present research results and the working group at conferences, in scientific journals, via GitHub codes, to the scientifically interested public etc.

Who are we looking for?

The successful candidate must hold a university science degree in chemistry, physics, or similar, have a very good knowledge of quantum chemistry and/or quantum dynamics and Experience in the usage of quantum chemistry codes is implied.

In addition, we are looking for a candidate with the following:

- Programming skills, e.g. in Python, C++ are highly advantageous
- Good command of English (written and spoken)
- Ideally the competence of independent work planning

Equal opportunities and diversity are core values at Leibniz University Hannover. Our goal is to tap into individual potential and open up possibilities. We therefore welcome applications from anyone interested in the position, irrespective of gender, nationality, ethnic origin, religion or ideology, disability, age, sexual orientation and identity.

We strive towards a balanced and diverse workforce and a reduction in under-representation in accordance with the Lower Saxony Equal Rights Act (*Niedersächsisches Gleichberechtigungsgesetz – NGG*). We therefore particularly encourage applications for the above-mentioned position from women. Preference will be given to equally-qualified candidates with disabilities.

Why join us?

In the working group you will integrate in a team of PhD students and postdocs and experience the shared excitement for scientific research. Immediately after job training you have the possibility to engage in interdisciplinary research projects and to extend your knowledge in the seminar and at conferences worldwide. The dissertation can be done in the chemistry department or in the Leibniz School of Optics. Our offices are supplied with height adjustable desks, large monitors, and powerful HPCs. They are located next to the main building of the university near canteens and shops.

With more than 5000 employees, Leibniz University Hannover is one of the largest and most attractive employers in the Hannover region. We offer a vibrant interdisciplinary and international working environment, and promote personal and professional [development](#) ranging from subject-related skills to leadership and languages.

As a family-friendly university, working hours can be organised according to various flexible models. Part-time employment as well as remote work (mobile work, work from home) can therefore be arranged upon request. We support employees with [balancing work and family life](#), through services such as back-up childcare, childcare during school holidays, and parent-child offices, as well as providing individual advice regarding family responsibilities and caring for dependants.

To promote health and well-being among employees, we offer an extensive [sports programme](#) with over 100 different sports, as well as a fitness centre with a sauna and climbing space. [Health management](#) measures, such as courses on stress management, good nutrition and relaxation, aim to ensure a healthy workplace.

Additional information

For further information, please contact Prof. Dr. Annika Bande (tel.: +49 (0)511 762-12280, email: annika.bande@aci.uni-hannover.de).

Please submit your application and supporting documents by September 8, 2024 electronically to email: personal@aci.uni-hannover.de

or alternatively by post to:

Stiftung Gottfried Wilhelm Leibniz Universität Hannover

Institut für Anorganische Chemie

Hannah Pieper

Callinstr. 9, D-30167 Hannover

<http://www.uni-hannover.de/en/jobs>

Information on the collection of personal data according to article 13 GDPR can be found at: <https://www.uni-hannover.de/en/datenschutzhinweis-bewerbungen/>