

Global thinking,
interdisciplinary research:
the spirit of Leibniz!



We strive for universality, diversity and interdisciplinarity. With more than 30,000 students, three Clusters of Excellence, 5,000 members of staff, over 150 institutes and an outstanding infrastructure, Leibniz University Hannover offers an innovative environment for top-level education and research in a comprehensive range of subjects.

The Faculty of Natural Sciences invites applications for the following position of Salary Scale W2 NBes0 starting as early as possible:

University Professorship (m/f/d) in Optical Materials: Computational Methods

The Position

- is associated to the Institute of Inorganic Chemistry in conjunction with the Leibniz School of Optics and Photonics and the Cluster of Excellence PhoenixD
- requires the development and utilization of computational methods either for modelling of structure-property relationships in inorganic materials and solids with special optical properties relevant to optical technologies, or as an essential tool in conjunction with an analytical technique for the study of these materials
- a preferable criterion is a multiscale applicability and possibility to link the methods across material classes such as magnetic materials, hybrid materials, sensors, biologically-inspired materials or biomaterials
- teaching involves chemistry courses in interdisciplinary study programmes (e.g. BSc, MSc Optical Technologies)

Your Profile

- longstanding and independent experience in the development of computational methods and evident utilization for the prediction of material properties or the interpretation of analytical data, which were obtained from the materials
- research focus on materials with optical, optoelectronic or adaptive properties, dynamical processes in solid-state materials, defects, particle-based materials or surfaces

- readiness for interdisciplinary cooperation at the interface to experimental-preparative material chemistry for complementing the on-site research activities and centers at the site
- proven ability to acquire external funding and conducting third-party funded projects
- qualified teaching experience in chemistry
- Ability to teach selected courses in English and German

What we can offer you

LUH offers **excellent working conditions** in a vibrant scientific community combined with an **exceptional standard of living** in a modern city surrounded by nature. In addition, LUH provides numerous **opportunities for further education and training** as well as many [services to support families](#). The [Dual Career Service](#) at LUH is aimed at the partners of newly-appointed professors and provides support with career perspectives in Hannover and the surrounding region. As a central point of contact for international researchers, the [Welcome Centre](#) provides information on non-academic queries concerning your stay in Hannover.

General duties and employment requirements are specified in the Lower Saxony Higher Education Act (NHG). For detailed information on employment requirements, please contact the [Appointment Matters department](#).

Leibniz University Hannover promotes equal opportunities, diversity and a balance between work and family life ([Equal Opportunities Office](#)). For this reason, **female researchers** are particularly encouraged to apply. Furthermore, we welcome applications from **international researchers**. Preference will be given to equally-qualified **applicants with disabilities** ([Representative for employees with disabilities](#)). Upon request, part-time employment is possible.

Candidates aged 50 or over at the intended time of appointment who do not already have civil servant status in Germany will be employed as regular members of staff.

For further information, please contact **Prof. Dr. S. Polarz** (Telephone: +49 511 762-2254, Email: gl-ac@aci.uni-hannover.de).

Please submit your application **by July 28, 2022** exclusively via the appointment portal of Leibniz University Hannover at:

<https://berufungen.uni-hannover.de>

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