



# FOR PEOPLE AND THEIR FUTURE ENVIRONMENT

## Physicist, Chemist, Material Scientist (m/f/d) (PhD) with management responsibilities

Reference code: 50007067\_3 – 2019/P 8  
Commencement date: for the 1st of February 2020 – permanent –



For our group Instrumental Structure Analysis we are looking for a leader. The group characterizes the morphology and chemical structure of nanostructured polymers and nanocomposites. A wide range of microscopic methods are available at the institute (scanning electron and transmission electron microscopy, atomic force microscopy, optical microscopy, Raman microscopy). In addition morphological studies are carried out by synchrotron X-ray scattering at DESY.

### Your tasks

- Head of Instrumental Structural Analysis, including Human Resources and Budget Responsibility
- Order management from the order clarification, the consultation with microscopic questions over the control of the execution up to the reporting
- Methodical development of preparation techniques as well as analysis methods for the identification of material properties on complex material systems
- Conception, sample preparation, execution and evaluation of examinations up to publication maturity

### Your profile

- Completed scientific higher education in the field of physics, chemistry or materials science with doctorate
- Relevant professional experience with microscopy, ideally on polymeric materials and preferably with leadership experience
- In-depth knowledge in the physics and chemistry of polymers
- Experience in computer simulation is an advantage
- Very good German and English skills
- Systematic and structured working style with a self-responsible working method
- Passion for the microscopic methods, a high quality awareness as well as patience and pleasure in precise fine motor activity
- Social competence in dealing with people in an international scientific environment

### We offer you

- multinational work environment with over 1,000 colleagues from more than 50 nations
  - extensive options of vocational training (i. a. expert seminars, language courses or leadership seminars)
  - flexible working hours and various models to ensure the compatibility of family and career
  - excellent infrastructure, including a scientific in-house library as well as modern work spaces
  - an appropriate salary related to the German public tariff (TV-AVH) plus the usual social benefits for the public employment sector
- Geesthacht is located 35 km southeast of Hamburg in Northern Germany. Its location combines proximity to Germany’s second largest city and its cultural offerings with easy access to numerous outdoor activities in a beautiful setting. We are a family-friendly employer and operate our own kindergarten on campus.



**The promotion of equal rights is a matter of course for us. Severely disabled persons and those equaling severely disabled persons who are equally suitable for the position will be considered preferentially within the framework of legal requirements.**

 **Helmholtz-Zentrum  
Geesthacht**  
Centre for Materials and Coastal Research

The **Helmholtz-Zentrum Geesthacht (HZG)**, in Geesthacht, near Hamburg, and in Teltow, near Berlin, conducts materials and coastal research. For further information please refer to: **www.hzg.de**

**HZG** is one of the 19 national institutions of the Hermann von Helmholtz Association of German Research Centres e.V. (HGF). Around 1,000 employees carry out basic research and development work in close cooperation with national and international research institutions, research-oriented clinics and economic and public institutions.

At the **Institute of Polymer Research** membranes for gas and liquid separations are developed. With its interdisciplinary approach the institute covers the entire spectrum from basic research to industrial application. A large and modern infrastructure is available in microscopy, polymer synthesis and characterization, as well as in process engineering. In addition digitization and computer simulation play an increasingly important role.



**wissen  
schafft  
nutzen**

**Interested?** Then we are looking forward to receiving your comprehensive application documents (cover letter, CV, transcripts, certificates etc.) indicating the reference number **code no. 2019/P 8**.

Please start the **online application process** for this offered position via **www.hzg.de** category **Career & Campus**.

**Apply now**

Closing date: **December 15th, 2019**  
Workplace: Geesthacht  
Contact: Erika Krüger