W3 PROFESSORSHIP FOR CHEMISTRY WITH A FOCUS ON APPLIED PHYSICAL CHEMISTRY OF NANOMATERIALS IN CONJUNCTION WITH HEAD OF FRAUNHOFER CENTER FOR APPLIED NANOTECHNOLOGY CAN OF THE FRAUNHOFER INSTITUTE FOR APPLIED POLYMER RESEARCH IAP

Institution: Faculty of Mathematics, Informatics and Natural Sciences  
Salary level: W3  
Commencement of duties: as soon as possible  
Application deadline: 2022-06-09

As a University of Excellence, Universität Hamburg is one of the strongest research universities in Germany. As a flagship university in the greater Hamburg region, it nurtures innovative, cooperative contacts to partners within and outside academia. It also provides and promotes sustainable education, knowledge, and knowledge exchange locally, nationally, and internationally.

Universität Hamburg and the Fraunhofer Institute for Applied Polymer Research (IAP) have been collaborating in the field of nanoparticle research since 2018. This collaboration and the tight network in the field of physical chemistry of nanoscopic systems plays a significant role in strengthening the University's research.

With approximately 300 staff, the Fraunhofer IAP has a turnover of more than EUR 28 million per year. The 28 staff working in the Fraunhofer Center for Applied Nanotechnology (CAN) contribute over EUR 3 million of that amount.

Responsibilities:

This professorship involves leading a university working group. Applicants are expected to make important contributions to the field of physical chemistry of nanoscopic systems. The leadership of the Fraunhofer Center for Applied Nanotechnology CAN (hereinafter “Fraunhofer CAN”) is to be exercised in a part-time capacity according to the Karlsruhe model for joint appointments. The activities at Fraunhofer CAN comprise the scientific and entrepreneurial management and development of Fraunhofer CAN within the Fraunhofer model and the overall Fraunhofer strategy. An important part of your new job will be research achievements with a focus on the application of nanoparticles, matching the research topics of Fraunhofer CAN. You can expect diverse, highly practice-oriented projects with a broad degree of creative freedom in your research.
You are expected to teach and conduct research across the whole spectrum of physical chemistry and participate in academic self-governance. To further expand the strategic link between the University and the Fraunhofer IAP, research activities should cover topics ranging from basic to applied research.

Applicants are expected to take part in the University's core research area Photon and Nanosciences as well as in research initiatives such as the Cluster of Excellence CUI: Advanced Imaging of Matter.

In their application, applicants are expected to indicate to which of the University's core research areas, emerging fields, or profile initiatives (https://www.uni-hamburg.de/en/forschung/forschungsprofil/forschungsschwerpunkte.html) their research can best be assigned. Duties include working in one or more of the core research areas, emerging fields, or profile initiatives. Research activities should also fit to the Fraunhofer CAN research portfolio.

Section 12 subsection 7 sentence 2 of the Hamburg higher education act (Hamburgisches Hochschulgesetz, HmbHG) applies.

Requirements:

Academic qualifications and additional requirements as specified in Section 15 HmbHG.

Additional Criteria:

You have an exceptional level of international recognition and are able to successfully represent the work done by Universität Hamburg and Fraunhofer CAN with industrial partners and third-party funders in the field of physical chemistry. Leadership experience in interdisciplinary research groups and entrepreneurial thinking are required.

You have the ability to successfully acquire and conduct industrial and third-party-funded projects. Skills in improving the efficiency of development processes and evaluating technology are also desired.

The University places particular emphasis on the quality of teaching and therefore requests that applicants provide details of their teaching experience and objectives.

Non-German-speaking post holders are expected to acquire the language skills necessary to teach in German (Level C1 of the Common European Framework of Reference for Languages) within two years of commencing employment.

Following hearings to assess knowledge and expertise, management and human resources skills will be evaluated by an assessment center.

In accordance with Section 14 subsection 3 sentence 3 HmbHG, Universität Hamburg and the Fraunhofer-Gesellschaft seek to increase the proportion of women in teaching and research and encourage female academics to apply.

Severely disabled and disabled applicants with the same status will receive preference over equally qualified non-disabled applicants.

Universität Hamburg and the Fraunhofer-Gesellschaft value and encourage a diversity of skills among their staff and are happy to welcome applications from all qualified persons, regardless of age, gender, nationality, ethnicity, social background, religion, world view, disability status, or sexual orientation or identity.

Tips on applying

Contact

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Reference number

2378/W3

Application deadline
Please submit your application with your CV, list of publications, teaching experience, successful external funding record, copies of certification and documents, three representative publications, teaching and research plans, additional evidence of skills and experience, such as presentations, posters, significant roles held in organizations, etc. where available, preferably by email in a single PDF file, to Bewerbungen@uni-hamburg.de.

Application documents will be forwarded to the Fraunhofer IAP in compliance with privacy protection requirements. You can find information on the collection of personal data by the Fraunhofer-Gesellschaft during application procedures at https://recruiting.fraunhofer.de/Vacancies/22883/DataProtection/1.

Due to the coronavirus pandemic, the academic search procedure is set to proceed digitally. More information is available from the chair of the search committee.

More information on data protection in selection procedures.