Job vacancy No. 027-2021

The IPF-Institute of Theory of Polymers is looking for a

Researcher (m/f/d),

40 hours/week.

The Leibniz Institute of Polymer Research Dresden (IPF) is one of the largest polymer research facilities in Germany. As an institute of the Leibniz Association, the IPF is committed to carrying out application-oriented basic research and receives its base funding in equal parts from the federal and state governments. The institution granting the Ph.D. degree is the Technical University (TU) Dresden.

Description:

Artificial Intelligence and Machine Learning in Soft Condensed Matter and Polymer Physics

Entwicklung und Einsatz von Methoden der künstlichen Intelligenz und des maschinellen Lernens in der Polymerphysik und in der Physik der weichen kondensierten Materie

The Institute “Theory of Polymers” at the IPF Dresden is seeking for a scientist (scientific coworker/postdoc) who applies and develops novel computational methods particularly using concepts of artificial intelligence and machine learning techniques in the field of soft condensed matter and polymer physics. Contributions to our research in the field of sequence-dependent properties of polymers and biological polymer physics are expected. Furthermore, the candidate should cooperate with other program areas of the IPF, in particular within the overarching strategical theme “Data science based material research”. The ideal candidate should have a PhD in Physics or closely related areas and a strong background in soft matter/polymer physics as well in computer simulations/machine learning techniques.

We offer:

A position in a leading research institute, combined with a highly specialised working environment where you can implement your own ideas and work with a diverse and inclusive team and our international partners.

Salary: According to German pay grade TV-L EG 13

Starting date: April 2021

Duration: 2 years

The personal data collected by the IPF relating to your application, as well as the evaluation thereof shall be processed exclusively for purposes of the application process on the basis of contractual measures under Art. 6 (1b) GDPR. These data shall not be transferred to third parties. Recipients shall comprise the employees responsible, the Works Council as well as, where applicable, the representative body for disabled employees and the equal opportunities officers of the IPF. Your application details provided to us shall be deleted by us 6 months after the end of the application process, i.e. either after the job advertised has been filled, or after we have decided not to fill the vacancy after all. For questions under data protection law and for exercising your rights, please contact: datenschutz@ipfdd.de (data protection officer). You have the right to complain to the supervisory authority. Expenses for the interview participation will not be refunded.

Full applications should include a curriculum vitae, a 1-page letter of motivation, certificates, a list of publications, 2-3 references and expected availability date and should be emailed as a single PDF file to otto-susanne@ipfdd.de. Don’t forget to indicate the number of the Job vacancy ! For further information please contact Prof. Sommer: itp@ipfdd.de.

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