

## Advertisement Nr. 302-2022

The Leibniz Institute of Polymer Research Dresden is a non-university research institute and a member of the Leibniz Association. It has gained world-wide reputation for its application-oriented basic research on new polymer materials for future technologies, e.g. in the fields of energy, mobility, health, sustainability, and communication, and it supports the transfer of research results into application. The research work is carried out on the basis of state-of-the-art technical equipment in interdisciplinary cooperation between the five institutes of the IPF and embedded in numerous national and international cooperations. The IPF promotes young scientists and is certified as a family-friendly employer according to the Audit berufundfamilie®. The institute currently employs around 500 persons. Further information at [www.ipfdd.de](http://www.ipfdd.de).

At the IPF Institute Physical Chemistry and Physics of Polymers, Department of Nanostructured Materials, the preparation of a

### Master thesis in collaboration with MERCK

is announced.

#### Topic: Development of 3D printing materials with surface functionality

With our **industrial partner Merck KGaA Darmstadt**, we are looking for a motivated master student to develop novel 3D printing materials for applications in life science. The project aims at creating materials with a specific surface functionality for targeted interaction with biomolecules. Suitable candidates are skilled in organic synthesis or polymer chemistry, and show strong interest in 3D printing (→ [projec2on-microstereolithography](#)).

**Start:** May 01, 2022

**Duration:** 9 months

The IPF Dresden strives for gender equality and diversity in all fields. Applications by people with severe disabilities will be given preference if they are equally qualified. Moreover, as the IPF would like to raise the proportion of women in fields where they are underrepresented, women in particular are invited to apply.

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](mailto: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.

Highly motivated candidates are invited to send their application with research interests, full CV including a detailed list of experimental and methodical skills to Dr Julian Thiele at [thiele@ipfdd.de](mailto:thiele@ipfdd.de).