Job vacancy No. 076-2020

The IPF Institute of Polymer Materials, Department of Processing, is offering a position within the Collaborative Research Center/Transregio 280 "Construction Strategies for Material Minimized Carbon Concrete Structures - Fundamentals for a New Way of Building" (SFB/TRR 280) of the TU Dresden starting July 1st, 2020 (subject to the availability of funds) as

Research assistant/PhD student (Full-time employment).

Tasks:
Independent and cooperative qualification by scientific research activities within the subprojects B03 "Development of new interphase structures based on organic/inorganic layers for endless fibre reinforcement":

- familiarization with the specific tasks by literature studies
- processing of the research project in close exchange with the partners in SFB/TRR 280
- execution of the planned investigations, evaluation and interpretation of the results as well as development and presentation of new knowledge in the research field
- Support of scientific graduation theses (Bachelor/Master/Diploma) in the subject-specific research field
- regular reporting of the own research progress to the subproject leader and within the SFB/TRR 280
- publication of the results of the research work in individual and cooperative publications
- cooperative maintenance of exchange platforms (database, information pages etc.).

Requirements:
Very good scientific university degree (university or equivalent) in one or more of the following areas: chemistry/ chemical engineering, materials science, physics, textile technology. We are looking for first-class university graduates with a high degree of interdisciplinary willingness to learn and to cooperate, very good oral and written communication skills in the English language, excellent technical knowledge in the addressed research field especially in combination with knowledge in the field of fiber-reinforced composites, especially surface modification of reinforcing fibers and (nano)particles, application and characterization of polymer dispersions/coatings, surface and interphase characterization, micromechanical characterization methods as well as various types of microscopy.

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. Costs for the Interviews are not covered.

Questions can be directed to Dr. Scheffler (scheffler@ipfdd.de).

Starting date: 01.07.2020
Duration: 30.06.2024
Salary: According to German pay grade TV-L EG 13

Please send your application (preferred as pdf-file via Email) in German or English and include the following documents: motivation letter stating research interests, curriculum vitae, degree certificates including lists of grades, recommendation letters, publications or, where appropriate, a graduation thesis. Application documents specifying the above job vacancy number should be submitted to the Personnel Department of the IPF.

Leibniz-Institut für Polymerforschung Dresden e.V.
Frau Susanne Otto
Head of Personnel Department
Hohe Straße 6
01069 Dresden

otto-susanne@ipfdd.de