

# Max-Planck-Institut für Polymerforschung

Max Planck Institute for Polymer Research



MPI für Polymerforschung · Postfach 3148 · 55021 Mainz

We are looking for a:

Scientific coworker for our research institute.

The position is initially limited to 2 years.

Thereafter, a permanent contract is possible.

Responsibilities:

The applicant will strengthen our research and service project mass spectrometry and have in-depth experience in dealing with the latest methods of mass spectrometry. The field of application covers the analysis of synthetic polymers and biopolymers by means of electrospray ionization (ESI) and matrix-assisted laser desorption/ionization (MALDI) as well as the investigation of organic materials using secondary ion time-of-flight mass spectrometry (TOF-SIMS). Besides characterization of intact macromolecules, the range of methods includes proteomics, MALDI imaging, ion mobility separations and high-performance liquid chromatography as well as the analysis of biopolymer-modified surfaces and tissue sections using TOF-SIMS and scanning force microscopy (AFM).

Your profile:

You should have a PhD in the field of natural sciences and have a high motivation to become familiar with sophisticated technical scientific equipment. Candidates with an expertise in TOF-SIMS of organic materials are preferably recruited. We expect sound and proven knowledge in dealing with mass spectrometric methods in practice and theory as well as the ability for interpretation, error analysis and method development. You should have pleasure in analytical-experimental work and have practical skills in operation and maintenance of the equipment. Very good knowledge of English fluent in both written and spoken is also a prerequisite.

We offer:

A modern, well-equipped workplace and a highly international environment.

State-of-the-art mass spectrometers for polymer analysis (MALDI-TOF, ESI Q-IMS-TOF) and materials research on surfaces (TOF-SIMS/AFM).

The salary is paid according to the TVöD, depending on qualification and professional experience (full-time position), including all social benefits in accordance with the regulations of the public service (federal service).

Opportunities for further qualification are given.

Application deadline: 10/15/2017

Online application at: [http://www.mpip-mainz.mpg.de/jobs\\_forschung](http://www.mpip-mainz.mpg.de/jobs_forschung) (folder "Administration" on the left hand side)

