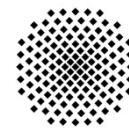




MAX PLANCK INSTITUTE FOR SOLID STATE RESEARCH
STUTT GART UNIVERSITY

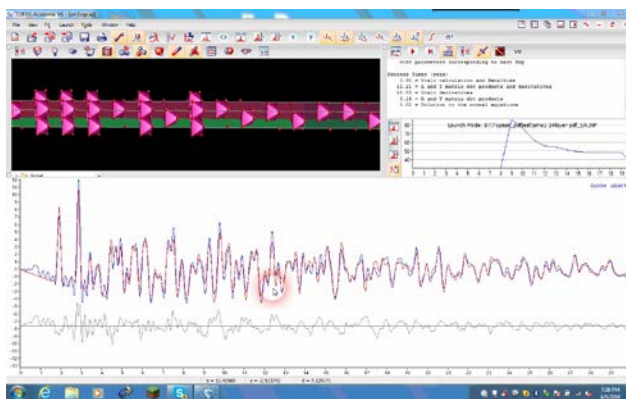


Universität
Stuttgart

Position for Post-Doc or Ph.D. student

STRUCTURAL INVESTIGATIONS OF POLYMERS USING PAIR DISTRIBUTION FUNCTION (PDF) ANALYSIS

The MPI-FKF at Stuttgart offers a position for a Post-Doc or Ph.D. student (up to three years), in cooperation with the Faculty of Chemistry at the University of Stuttgart. The research project aims at structural investigations of polymers using pair distribution function (PDF) analysis and general X-ray powder diffraction in the laboratory and at the synchrotron. Of special interest is the application of global and local optimization routines for the PDF to model the crystal/local structure of polymers and related materials relevant to the industry. Funding of the position is provided by the BASF SE. The position is immediately available. The successful applicant will receive a salary according to the funding guidelines for post-doctoral/doctoral researchers of the Max Planck Society (based on TVöD regulations).



The candidate should have a strong background in any field of chemistry or physics. Short motivational letter and a short CV should be sent to Prof. Robert Dinnebier (r.dinnebier@fkf.mpg.de) preferably by E-mail. The Max Planck Society is committed to employing more disabled individuals and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in those areas where they are underrepresented, and therefore explicitly encourages women to apply.