



The German DFG-funded Collaborative Research Centre SFB 1083 „Structure and Dynamics of internal interfaces“ is announcing - on condition of approval for continued funding - 5 parttime positions (50 - 75 % of regular full-time) as

Research Assistant (PhD-student).

Starting date for contracts is **as soon as possible for a duration of 3 years**, unless qualifying times need to be considered. Salary and benefits commensurate with a public service position in the states (E13).

SFB 1083 brings together more than 60 chemists and physicists from Marburg, Gießen, Münster and Jülich. Jointly they investigate solid/solid interfaces of a variety of organic and inorganic materials. Their goal is a detailed microscopic understanding of the chemical bonding, the electronic coupling, and the dynamics of energy transfer for model systems of different classes of hetero-interfaces. Duties include scientific services in research and teaching, in particular the investigation of interfaces of organic films, which are prepared and characterized under controlled UHV-conditions and the spectroscopy of van der Waals-coupled 2D semiconductors. Duty locations are Philipps-Universität Marburg (groups of Prof. Höfer and Prof. Witte), Justus-Liebig-Universität Gießen (Prof. Dürr) and the Peter Grünberg Institute at FZ Jülich (Prof. Tautz).

The position is limited to a time period deemed adequate for the completion of a doctoral degree. As part of the assigned duties, there will be ample opportunity to conduct the independent scientific research necessary for the completion of a doctorate. The limitation complies to § 2, 1 WissZeitVG.

Candidates should hold an excellent academic degree (diploma, master or equivalent) in physics or material sciences and have experience in one or more of the following topics: organic thin film growth, UHV technology and surface analysis, ultrafast laser spectroscopy, photoelectron spectroscopy, scanning tunneling microscopy. Successful applicants are enthusiastic and self-motivated. They have a genuine interest in basic experimental research and like working in an interdisciplinary environment. Excellent language skills in English, flexibility and the ability for teamwork are required. Disposition to achieve the next-higher academic qualification (PhD) is expected.

Further information on SFB 1083, its principal investigators, and research projects is available at www.internal-interfaces.de or directly from the spokesman, Prof. Dr. Ulrich Höfer via hoefer@physik.uni-marburg.de.

We support women and particularly invite them to apply. Applicants with children are welcome - the Philipps-University is certified as a family friendly university. A reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2,3) will be preferred in case of equal qualifications. Application and interview costs cannot be refunded.

Applications to be sent as a single PDF to sfb1083@uni-marburg.de, referencing fb13-0010-wmz-2017 by 23.06.2017.