

Philipps



Universität
Marburg

At the **Departments of Physics and Chemistry** we have - **starting from October 1, 2013 initially limited for two years** with the possibility of extension until June 30, 2017 - job opportunities for several third-party funded

PhD students positions

Salary and benefits will be according to the German Public Service salary scale **EG 13 TV-H**. Positions will be between **50%** and **75%** of the regular full-time depending on qualification and previous experience.

The positions are associated with the Collaborative Research Centre SFB 1083 "Structure and Dynamics of Internal Interfaces" of the German DFG that has been established at Philipps-Universität Marburg in collaboration with the Donostia International Physics Center (DIPC), San Sebastián, Spain. The SFB consists of more than 60 chemists and physicists that collaborate in investigations of solid/solid interfaces of a variety of organic and inorganic materials. The aim is to achieve 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.

Candidates should hold an excellent University degree in physics, chemistry or materials science (Master/Diploma or comparable) and have experience in one or more of the following topics: chemical synthesis of organic compounds, organic thin film growth, UHV technology and surface analysis, semiconductor physics, semiconductor laser, transmission electron microscopy, ultrafast laser spectroscopy, photoelectron spectroscopy, FTIR vibrational spectroscopy, guided ion beam techniques. 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.

Further information about the SFB 1083, its principal investigators, and research projects is available at <http://www.internal-interfaces.de> or directly from the spokesman, Prof. Dr. Ulrich Höfer (hoefer@physik.uni-marburg.de).

We support women and particularly invite them to apply. Applicants with children are welcome - the Philipps-Universität 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.

As the documents will not be returned after end of the selection procedure, please do not send originals. Application and interview costs cannot be refunded.

Please send your application with the reference - mentioning the registration number fb13-0008-wmz-2013 - should be submitted by August 31st, 2013 electronically to sfb1083@uni-marburg.de or by mail to Sonderforschungsbereich 1083, attn. Dr. Nico Armbrust, Philipps-Universität Marburg, Renthof 5, D-35032 Marburg