

Philipps



Universität  
Marburg



**SFB 1083**

Structure and Dynamics  
of Internal Interfaces

At the **Department of Physics**, Collaborative Research Centre SFB 1083 "Structure and Dynamics of Internal Interfaces", we offer - starting from December 1<sup>st</sup> 2015 limited until June 30<sup>th</sup> 2017 one third party funded position as

## Research assistant (Postdoc position)

The salary will be according to the German Public Service salary scale E 13 TV-H.

The position is 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. The position will offer the possibility of further scientific qualification in the frame of the assigned duties.

The main task of the advertised position is the investigation of the dynamics of charge- and energy-transfer processes at interfaces of organic semiconductors. This includes in-situ growth of molecular films on monocrystalline substrates, their characterization and time-resolved experiments by means of two-photon photoemission.

Candidates should hold a PhD in physics, chemistry or materials science. Substantial experience in surface analysis, the growth and characterization of molecular layers, and UHV-technology is expected. Beneficial is experience with femtosecond laser spectroscopy, in particular time-resolved photoelectron spectroscopy. The candidate should have a pronounced interest in fundamental research and active collaboration with other working groups from the faculties of physics and chemistry. Excellent knowledge of English, flexibility and willingness to work in a team are required.

For more information, please contact the project-leader of SFB 1083, Prof. Dr. Ulrich Höfer [hoefer@physik.uni-marburg.de](mailto:hoefer@physik.uni-marburg.de) or visit the Website [www.internal-interfaces.de](http://www.internal-interfaces.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. Sharing a full-time position (§ 8 Abs. 2 Satz 1 HGLG) as well as 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 fb13-0012-wmz-2015 electronically to [sfb1083@uni-marburg.de](mailto:sfb1083@uni-marburg.de) or by mail to Sonderforschungsbereich 1083, Philipps-Universität Marburg, attn. Dr. Helen Pfuhl, Renthof 5, D-35032 Marburg, by October 20<sup>th</sup> 2015.