

Postdoctoral position in Theoretical Physics

The research group of Prof. Piet Brouwer, located at the Dahlem Center for Complex Quantum Systems at the Physics Department, Freie Universität Berlin, invites applications for a **postdoctoral position in his DFG project “Topological Insulators with weak and strong Indices” within the DFG Priority Program “Topological Insulators: Materials – Fundamental Properties – Devices”**.

The successful candidate will work on the following subprojects: "Effective disorder model for the coupled surface states", "Surface states with multiple Dirac cones", "Topological crystalline insulators", "Magnetic impurities near dislocation lines", and "Line defects in other symmetry classes".

Required: Candidates should have an excellent PhD in Physics

Desirable knowledge and experience:

Postdoc experience and excellent research results, especially knowledge in the field of theoretical solid state physics, topological insulators, superconductors and quantum transport. Collaboration with other faculty as well as postdoctoral fellows at the Dahlem Center: http://www.physik.fu-berlin.de/einrichtungen/dahlem_center_cqs/

The PhD position should start on June 1st, 2017 and is limited until September 30, 2018. It will be paid according to E 13 TV-L FU.

Under the reference **0420501105/2017/01**, interested candidates please send their complete application to Prof. Piet Brouwer (brouwer@physik.fu-berlin.de), including CV, statement of research experience and interests.

Additionally, we expect **one letter of recommendation to be sent directly by the referee** to the above email address.

Further information can be provided by Prof. Piet Brouwer (brouwer@physik.fu-berlin.de/ 030-838-53039).

All application materials should arrive **by May 10, 2017** to receive full consideration.

Berlin, April 18, 2017