

The Faculty of Mathematical and Natural Sciences I of Humboldt University Berlin invites applications for a

Professorship (W3) “Theoretical Solid State Physics”

at the Department of Physics to commence by April 1, 2010.

The professorship “Theoretical Solid State Physics” belongs to the department's research field of solid state physics, whose future orientation is the development of new materials and nano- and hybrid structures, in particular on the basis of semiconductors and oxides, as well as on the investigation of their structural and physical properties. An active collaboration with other major fields of discipline within the department, in particular with Optics/Photonics and Macromolecules/Complex systems, as well as with the Paul Drude Institute for Solid State Electronics and with other non-university research institutes is expected.

The professorship should conduct leading research on the theory of the atomic-scale and electronic structure of above mentioned systems, especially beyond thermodynamic equilibrium. Ab-initio approaches are especially relevant – in particular within density functional theory – in combination with the development of appropriate models. Applications from candidates with experience in collaborating with experimental groups will receive particular attention. The successful applicant will be expected to participate actively in teaching theoretical physics at all levels

Applicants must meet the requirements for a university professor as stipulated in § 100 of the “Berliner Hochschulgesetz”.

The Humboldt University Berlin seeks to increase the number of female employees in research and teaching and thus in particular invites qualified female scientists to apply for this vacant position. Physically handicapped persons will be given preference.

Applicants are invited to submit their applications by August 31, 2009. The application material should be sent in written form to Humboldt-Universität zu Berlin, Dekan der Mathematisch-Naturwissenschaftlichen Fakultät I, Prof. Dr. L.-H. Schön (Sitz: Newtonstr. 14), Unter den Linden 6, 10099 Berlin by referring to **code number PR/xxx/09** as well as in electronic form to <https://www2.physik.hu-berlin.de/ssl/thfkp/>. Application materials will not be returned and, therefore, photocopies of documents are expected.