



The Faculty of Mathematics and Natural Sciences I, Department of Physics, announces the position of a

Professor (W₃) for Structural Research and Electron Microscopy

The Department of Physics is seeking qualified applicants for a professorship in the area of structural research and electron microscopy. Special emphasis is laid on the investigation of the material properties of functional hybrid structures on the nano-scale, particularly of inorganic-organic hybrid structures such as hetero-layers, nano-composites, -wires, -particles, and -coaxial structures, whose functional properties arise from the combination of different material systems.

State-of-the-art electron microscopy equipment such as high-resolution-TEM, Cryo-TEM, EELS, and holography is available within laboratories operated jointly by Humboldt-Universität, the Leibniz Institute for Crystal Growth and the Helmholtz-Zentrum Berlin. Candidates should contribute to the further development of electron microscopy methods. The chair is embedded in the research area solid-state physics. Topical connections exist also to the research areas optics/photonics, macromolecules/complex systems, and to extra-faculty cooperation partners. An active participation in research initiatives of the Physics Department, particularly in the CRC 951, is expected.

Candidates are required to fulfill the regulations for a professorship according to § 100 of the Berliner Hochschulgesetz. Ability in and commitment to teaching in the fields of experimental physics and solid-state physics are essential.

Humboldt-Universität zu Berlin seeks to increase the number of female faculty members. Thus, qualified women are particularly encouraged to apply. Physically disabled persons will be preferred, if they are equally qualified. Applicants with migration background are highly welcome.

Please send your application, which also should include five selected publications as well as a brief research exposé, not later than January 31, 2012 to: Humboldt-Universität zu Berlin, Dean of the Faculty of Mathematics and Sciences I, Prof. Dr. Herrmann, **code number PR/017/11**, Unter den Linden 6, 10099 Berlin, Germany. Since application materials will not be returned, we ask you to submit solely copies of your documents in the application. In order to accelerate the process, applicants are kindly requested to submit their application materials both in written form as well as electronically via: <https://www2.physik.hu-berlin.de/ssl/stel/>