

The Faculty of Mathematics and Natural Sciences I invites applications for the following position:

### **Full Professor (W3) for Theoretical Optics**

to be established by April 1<sup>st</sup> 2009.

The successful applicant should have an outstanding record of innovative research in the theoretical description and modelling of fundamental effects in light-matter interaction on a nanoscopic or molecular scale. Possible research areas are:

- Quantum optics
- Complex optical and photonic systems
- New light & novel light sources

A close collaboration within the research area Optics/Photonics at the Department of Physics and with the Max-Born-Institute for Nonlinear Optics and Short Pulse Spectroscopy (MBI) is expected. MBI will provide additional staff and annual funding to establish a new research group at MBI which will be linked to the Professorship.

The successful candidate will represent the discipline theoretical physics in teaching, in particular in specialized courses on optics/photonics in the master program in physics.

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

Humboldt-Universität is an equal opportunity employer, committed to the advancement of individuals without regard to ethnicity, religion, sex, age, disability or any other protected status.

Applications with the usual documents including curriculum vitae, five selected publications and a short research exposé should be sent within 4 weeks by referring to **code number PR/026/08** to the Humboldt-Universität zu Berlin, Dean of the Faculty of Mathematics and Natural Sciences I, Prof. Dr. Schön, Unter den Linden 6, D-10099 Berlin. Application materials will not be returned. Therefore, you are requested to send only copies of all documents.

To accelerate the process, applicants are kindly requested to send their application materials both in written form as well as electronically via <https://www2.physik.hu-berlin.de/ssl/to>.