In 2007, with its future development concept *International Network University,* Freie Universität Berlin succeeded in winning a major government funding award in the German *Excellence Initiative*. This award acknowledges special academic achievements, giving the title *University of Excellence*. Freie Universität Berlin was able to maintain its excellence status in 2012, one among only a few other select universities to do so. The second phase of this program focuses on the expansion of international and regional networks and the advancement of junior researchers supported by the *Career Path Model*.

To meet these goals, Freie Universität Berlin is setting up several **Dahlem International Network Junior Research Groups (DIN JRG)** that will be managed by junior professors.

Freie Universität Berlin

Department of Physics
Institute for Experimental Physics

invites applications for a

Junior Professorship in Biophotonics and Nanophotonics (salary grade W 1)

The successful applicant will be required to assume responsibilities in research and teaching in the area named above and manage a Junior Research Group.

Appointment requirements are governed by Article 102a of the Berlin Higher Education Act (*Berliner Hochschulgesetz*).

The successful candidate will have a proven record of international research in Biophotonics and Nanophotonics particularly in low temperature single-molecule spectroscopy of biological and plasmonic systems. Candidates will have experience in university teaching (preferably internationally) and with sponsored research.

The successful candidate will manage a junior research group that is concerned with experimental Biophotonics and Nanophotonics using low temperature single molecule spectroscopy and related techniques, in the areas including but not limited to photosensory systems (photoreceptors, plasmonic antennas) and light harvesting (conjugated polymers, photosynthetic complexes).
She or he will be running and developing further the work of an existing fluorescence single-molecule laboratory. The appointee will be expected to cooperate with colleagues in collaborative research networks at Freie Universität Berlin (e.g. Focus Area NanoScale, CRC-1078 *Protonation dynamics in protein function*) and contribute to research in the Berlin area.

The junior professor will be appointed as a civil servant for an initial period of three years. Provided that her or his performance is thereafter evaluated positively, employment may be extended for three more years.

Applications quoting the reference code **W1 BioNanoPhot** should include a CV, copies of all certificates of academic qualification, a list of publications, evidence of teaching competence (such as courses previously taught) as well as of involvement in ongoing and future research endeavors, joint research projects and externally funded projects.

All materials, including a private postal and/or e-mail address must be received electronically and in hard copy **no later than [4 Wochen]** at

Freie Universität Berlin
Fachbereich Physik
Dekanat
z. Hd. Frau Theodos
Arnimallee 14
14195 Berlin, Germany

E-mail: dekanat@physik.fu-berlin.de

Application guidelines and general information on the appointment procedure as well as requirements for junior professorships at Freie Universität Berlin can be found at www.fu-berlin.de/praesidialamt. For additional details, please visit www.fu-berlin.de, www.physik.fu-berlin.de/en and www.sfb1078.de.