

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 Mathematics and Computer Science Institute for Mathematics**

invites applications for a

#### **Junior Professorship in Applied mathematics focusing on Uncertainty and Risk Quantification** (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 appointee will demonstrate excellent research achievements and competences in mathematical modeling, simulation and optimization in the areas of uncertainty and risk quantification. She or he will have experience in university teaching and an excellent research profile (preferably internationally) as well as experience with the attraction of third-party funds and with collaboration in interdisciplinary research projects.

The successful candidate will manage a Junior Research Group in applied mathematics focusing on uncertainty and risk quantification. She or he will establish a research program with application components in the fields of Life Sciences, Materials Science or Earth Sciences. For contributing to the research projects of the department, for instance to the research center *MATHEON* or the *Einstein Center for Mathematics Berlin (ECMath)*, broad expertise in mathematical modeling, simulation and optimization is advantageous. The appointee will be required to assume teaching responsibilities at the Institute for Mathematics and at the *Berlin Mathematical School*.

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 ApplMath** 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 Mathematik und Informatik  
Dekanat  
z. Hd. Frau Üzel  
Arnimallee 14  
14195 Berlin, Germany

E-mail: [dekanat@mi.fu-berlin.de](mailto:dekanat@mi.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](http://www.fu-berlin.de/praesidialamt). For additional details, please visit [www.fu-berlin.de](http://www.fu-berlin.de), [www.mi.fu-berlin.de/math](http://www.mi.fu-berlin.de/math), [www.math-berlin.de](http://www.math-berlin.de) and [www.matheon.de](http://www.matheon.de).