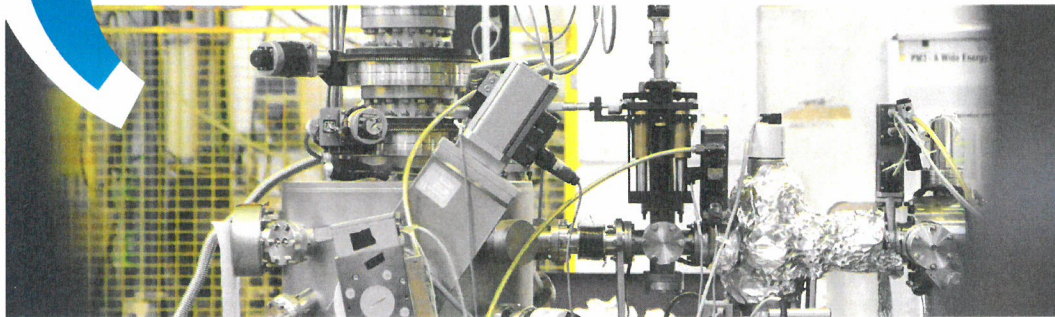


Member of the Helmholtz Association



For our Institute Soft Matter and Functional Materials, we are looking for a

## **POSTDOCTORAL PHYSICIST (F/M)** (in the field of Soft Matter Theory).

### **Job description**

- Investigation of diffusion controlled reactions in stimuli-response (metal-hydrogel hybrid) nanoreactors by reaction-diffusion equation systems
- Theoretical description of hydrogel thermo- and continuum mechanics

### **Your qualifications**

- Hold (or be about to earn) a PhD in Theoretical Physics or related discipline, outstanding academic performance and publications
- Expertise in the analytical and numerical solution of coupled reaction-diffusion equation systems as well as in statistical mechanics of soft matter, thermodynamics, and continuum mechanics
- Excellent knowledge in English, written and spoken
- Excellent knowledge in programming and scripting, parallel computing
- Interdisciplinary team working skills with high independency

### **What we offer**

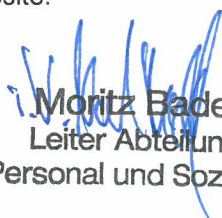
Fixed term contract for 3 years. The employment contract is based on contracts for the German civil service (TVöD-Bund). We particularly welcome applications from women. Preference will be given to severely disabled applicants provided equal qualifications.

### **How to apply**

Have we sparked your interest? Then we look forward to receiving your electronic application by June 28, 2015. Please quote the reference number EM 2015/20. [jobs@helmholtz-berlin.de](mailto:jobs@helmholtz-berlin.de)

Helmholtz-Zentrum Berlin für Materialien und Energie GmbH  
Hahn-Meitner-Platz 1, 14109 Berlin

For German version, please check our website.  
[www.helmholtz-berlin.de](http://www.helmholtz-berlin.de)

  
**Moritz Badel**  
Leiter Abteilung  
Personal und Soziales

Helmholtz-Zentrum Berlin für Materialien und Energie (HZB) operates two large scale facilities for materials research: the neutron source BER II and the synchrotron source BESSY II, which provide deep insights into the structure of materials and the processes within complex systems. Each year around 3,000 scientists use the HZB infrastructure facilities. Important focuses of HZB are accelerator, materials and energy research.

### **SCIENCE + CAREER + DIVERSITY = HZB**

... is the formula for our successful human resources policy. We offer wide-ranging internal and external training programs for our employees as well as a special support program for young scientists. Our family-friendly workplace policy includes flexible working hours, telework arrangements and holiday programs for employees' children.

### **CONTACT FOR FURTHER INFORMATION:**

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