

## PHD AT THE HELMHOLTZ ASSOCIATION IF YOU ASPIRE TO A CAREER IN CUTTING-EDGE RESEARCH, JOIN OUR PHD COMMUNITY!

Besides training in the specific research fields of the individual centres, we also offer:

- | excellent research infrastructure and supportive environment
- | structured research training and supervision
- | a broad range of 'transferable skills' courses

With their comprehensive skills development curricula, Helmholtz graduate programmes prepare PhD students for successful careers in academia and industry. **Scholarships are available.**



### HELMHOLTZ RESEARCH SCHOOLS

**Helmholtz International Research School for Infection Biology**  
(www.helmholtz-hzi.de/irsib) Helmholtz Centre for Infection Research, Braunschweig | Hannover Medical School, Veterinary University of Hannover

**International Helmholtz Research School on Biophysics and Soft Matter**  
(www.ihrs-biosoft.de) Forschungszentrum Juelich | Heinrich-Heine University Duesseldorf, University of Cologne

**Helmholtz International Research School Molecular Neurobiology**  
(www.mdc-berlin.de) Max Delbrueck Center for Molecular Medicine (MDC) Berlin-Buch | Freie Universität Berlin

**Helmholtz Research School for Quark Matter Studies in Heavy Ion Collisions**  
(fias.uni-frankfurt.de/helmholtz) Gesellschaft für Schwerionenforschung, Darmstadt | University of Frankfurt

**Helmholtz Research School on Earth System Science**  
(www.earth-system-science.org) Alfred Wegener Institute for Polar and Marine Research, Bremerhaven | University of Bremen, Jacobs University Bremen

### HELMHOLTZ GRADUATE SCHOOLS

**Helmholtz Graduate School Molecular Cell Biology**  
(www.mdc-berlin.de) Max Delbrueck Center for Molecular Medicine (MDC) Berlin-Buch | Humboldt University Berlin, Freie Universität Berlin

**Helmholtz International Graduate School of Cancer Research**  
(www.dkfz.de/phd) German Cancer Research Center, Heidelberg | University of Heidelberg

**Helmholtz Interdisciplinary Graduate School for Environmental Research**  
(www.higrade.ufz.de) Helmholtz Centre for Environmental Research – UFZ, Leipzig | Universities of Leipzig, Halle-Wittenberg, Jena, Kassel, Dresden and Freiberg

[www.helmholtz.de/phd](http://www.helmholtz.de/phd)

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SPOTLIGHT ON GERMANY

13 | NATURE.JOBS | 15 November 2007

## A new Helmholtz Centre in Berlin



### MATERIALS AND ENERGY

Two of Berlin's largest Research Centres – the Hahn-Meitner-Institut and BESSY – are going to merge by January 2009 to a new Helmholtz Centre and will be a member of the Helmholtz Association – Germany's largest scientific organisation.

**Two large scale facilities** of the new Helmholtz Centre – the neutron source **BER II** and the synchrotron radiation source **BESSY II** – will serve an international research community in physics, chemistry, materials and life sciences. The centres own research activities will be largely concentrated on materials sciences and solar energy conversion in addition to developing instrumentation and methods for synchrotron radiation and neutron scattering.

#### Join us.

The new Helmholtz Centre in Berlin will offer outstanding opportunities for scientists, post-docs and Ph.D. students to tackle forefront scientific problems in an inspiring research environment. The Centre will have approximately 1000 employees, including almost 400 Ph.D. scientists most of them physicists and chemists, with an annual budget of 100 Million Euro. It will be embedded in the unique science infrastructure in the Berlin area with four universities and numerous research institutes and research driven enterprises.

[www.hmi.de](http://www.hmi.de)  
[www.bessy.de](http://www.bessy.de)



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## Are you Excellent? Then come to Saxony

### We promote excellence in research as part of the Saxon State Excellence Initiative

With the State Excellence initiative, we aim to help universities in Saxony to improve their performance and increase their attractiveness. That means: We promote excellence in research. We create excellent conditions for world-class research in Saxony.

The State Excellence Initiative will enhance the research and development potential at the universities in Chemnitz, Dresden, Freiberg and Leipzig. The State of Saxony will provide at least €160 million in the years to come. This money will be used to finance networked research projects and cutting-edge technology clusters.

The initiative will focus particularly on the following areas of excellence in research:

- Micro-, opto- and nano-electronics
- Life sciences/biosciences and biotechnology
- Regenerative medicine
- Environmental and energy research and
- Materials research and engineering sciences.

The specific research complexes which are to be promoted will be selected in summer 2008. **THIS IS YOUR OPPORTUNITY.** You can be part of the State Excellence Initiative and work scientifically in areas of research which will shape our future in Saxony.

For further information visit our website on  
[www.studieren.sachsen.de](http://www.studieren.sachsen.de)

or contact:

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Ministry of Science and the Arts of Saxony:  
E-mail: [joerg.geiger@smwk.sachsen.de](mailto:joerg.geiger@smwk.sachsen.de)**

**Make the most of this opportunity. Learn more and apply!  
The universities in Saxony look forward to hearing from you.**

Freistaat Sachsen

Staatsministerium für Wissenschaft und Kunst

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