



The **Helmholtz Research School** funded by the Initiative and Networking Fund of the Helmholtz Association together with the

- *Frankfurt Institute for Advanced Studies (FIAS)*, Frankfurt,
- *Physics Department of the Johann Wolfgang Goethe University*, Frankfurt,
- *Gesellschaft für Schwerionenforschung mbH (GSI)*, Darmstadt,

invites applications for

### **Ph.D. fellowships**

In this program 25 fellowships are available for PhD students in the fields of experimental and theoretical physics. The research topics are devoted to the physics of states of strongly interacting matter in the universe probed by relativistic heavy-ion collisions. Experimental and theoretical investigations of nucleus-nucleus collisions at high energy at the Large Hadron Collider LHC at the European Organization for Nuclear Research, CERN, in Geneva, are an important subtopic of the Helmholtz Research School.

The Helmholtz Research School performs internationally oriented scientific research and graduate training at the highest level in heavy-ion and hadron physics at both the ALICE program at CERN's Large Hadron Collider, LHC, and at the future International Facility for Antiproton and Ion Research, FAIR, at GSI. Details of the Helmholtz Research School and its partners are available at <http://www.fias.uni-frankfurt.de/helmholtz/>. The primary language of the Helmholtz Research School is English.

The fellowships in the PhD program are granted for a period of three years which corresponds to the anticipated duration of the PhD work. The Helmholtz Research School opened in September 2006.

Applicants with a solid education in experimental and theoretical nuclear physics holding a Masters degree in physics or equivalent (e.g. German "physics diploma" or French "DEA") with excellent grades are invited to send their curriculum vitae, list of publications, copy of their theses, past and present research interests, copies of masters/diploma certificates and two letters of reference to:

Prof. Dr. Harald Appelshäuser  
Director, Helmholtz Research School  
Physics Department  
Johann Wolfgang Goethe University  
Max von Laue Str. 1  
60438 Frankfurt am Main  
Germany

or by electronic mail to: [appels@ikf.uni-frankfurt.de](mailto:appels@ikf.uni-frankfurt.de)  
Women are especially encouraged to apply.