GRADUIERTEN KOLLEG
Masse-Spektrum-Symmetrie
HUMBOLDT-UNIVERSITÄT ZU BERLIN

The Research Training Group (Graduiertenkolleg 1504)
"Mass, Spectrum, Symmetry: Particle Physics in the Era of the Large Hadron Collider",

funded by the Deutsche Forschungsgemeinschaft as a cooperation between the Humboldt-Universität zu Berlin, the Technische Universität Dresden and DESY at Zeuthen offers

4 positions for PhD students with half-time employment,
payment according to TVL E13

at the Humboldt-Universität zu Berlin (2 positions) or at the Technical Universtiy of Dresden (2 positions). The research program will integrate different fields in experimental and theoretical particle physics, astro particle physics and cosmology according to the challenges emerging from the Large Hadron Collider (LHC) at CERN. Main research topics are: data analysis with ATLAS, astroparticle physics with IceCube and H.E.S.S., double beta decay, cosmology, LHC phenomenology, quantum field and string theory as well as lattice gauge theory.

We are looking for excellent doctoral students with a university degree (diploma or master) from Germany or abroad.

The positions are offered **from 1st of June 2015 at the earliest.** The contract will be limited to maximal 3 years in total. One of the positions is located at Berlin and one in Dresden.

Applications are to be handed in by February 15th, 2015 to the scientific coordinator of the graduate school **Dr. Martin zur Nedden, Institut für Physik, Humboldt-Universität zu Berlin, Newtonstrasse 15, 12489 Berlin (nedden@physik.hu-berlin.de)**. The application **must be submitted electronically** at:

http://www.masse-spektrum-symmetrie.de/application

an additional postal application is optional.

The application should include the C.V., copies of certificates of degrees, a letter of motivation specifying the field of research interest and the names and contact address of two referees. Please arrange that the letters of recommendation are sent directly by the referees to the coordinator.

Further information about the graduate school and the process of application are available on the web page.

We especially encourage the application of qualified women. Handicapped candidates with equal qualification are explicitly motivated to apply.