

The Institute of Physics at the University Bonn, Germany, invites applications for a

**PhD student position  
(paid according to ½ E13 TV-L)**

Applicants shall be interested to carry out research in the newly established experimental Astroparticle Physics and Cosmology group at the Institute of Physics of Bonn University. The group is active in experimental cosmology, using Type Ia Supernova to study the properties of Dark Energy. The candidate will have the opportunity to work on data analysis from the Supernova Factory as well as get involved in future Cosmology projects. The work will be embedded in the Trans-Regio 33 “The Dark Universe” and will include collaboration with the Supernova groups at the Max-Planck institute for Astrophysics and ESO.

The group is further involved in the IceCube neutrino observatory at the South Pole, performing optical and X-ray follow-up observations of selected IceCube events as part of a novel search for transient neutrino bursts from Supernovae and Gamma-Ray Bursts.

Applicants are expected to have a strong interest in computing and data analysis in an astroparticle physics or astronomy environment and/or development of astronomical instrumentation. By the time of the start the applicant should hold a Master degree in physics or astronomy.

The initial contract runs for two years with the possibility of renewal for another year. An application should contain a CV and the names of two senior researchers who could be contacted for references. The deadline for application is 30.6.2010. Late applications will be considered until the position is filled.

The University of Bonn is an equal opportunities employer. Preference will be given to suitably qualified women or handicapped people, all other considerations being equal.

Request for further information as well as applications should be sent to:

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<https://www3.uni-bonn.de/astroteilchen>