



BERGISCHE  
UNIVERSITÄT  
WUPPERTAL

## PhD student position in IceCube

The astroparticle physics group of the Bergische Universität Wuppertal announces the opening of a **PhD student position** for the **IceCube experiment** available immediately.

IceCube is a gigaton detector at the geographic South Pole measuring neutrinos of astrophysical origin. Besides this main focus, the Wuppertal group pursues searches for physics beyond the Standard Model using this large instrumented volume as well as the characterisation of charged cosmic rays. The candidate's research will be an extension of these analyses, and a contribution to the planned extensions of the observatory.

Further major activities of our group include the KATRIN experiment to measure the absolute mass scale of neutrinos and novel detection methods at ultra-high energies.

Applicants must have a degree in physics or in a neighboring discipline at the time of recruitment. The successful candidate preferably has experience in experimental astroparticle, particle, or nuclear physics.

Salary and benefits are commensurate with public service organizations in Germany (50% E 13 TV-L). Bergische Universität Wuppertal (BUW) is an equal opportunity employer. The goal is to enhance the percentage of women where they are underrepresented. Women, therefore, are especially encouraged to apply. The BUW is committed to employing more handicapped people. Applications of handicapped people are particularly welcome.

Applicants should send their documents (CV, short statement of research interests, list of publications/presentations, contact details of two referees) before **October 19, 2015** by email or in writing to the following address:

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