

Jobnumber: **3503**

With 30,000 students and 10,000 employees, RWTH Aachen University is one of the leading universities and also the largest employer and training body in the region. Its teaching and research are closely connected to industry and are characterised by an international, innovative and interdisciplinary approach.

PhD Positions in Experimental Neutrino Physics

III. Physikalisches Institut

Our profile

Our institute is participating in a broad spectrum of experiments in high-energy physics (CMS, ILC) and neutrino physics (IceCube, Double Chooz, T2K). We provide an excellent infrastructure in computing and laboratory facilities.

Your profile

We are searching for PhD students in the field of experimental neutrino physics. Applicants must have a diploma or master of science in experimental particle physics. A good knowledge in modern electronics, hardware-oriented software or data analysis is preferable.

Your duties and responsibilities

Participation in one of the projects
- development of acoustical sensors for neutrino detection in ice
- construction of a Time Projection Chamber (TPC) for the neutrino experiment T2K
- analysis of IceCube data.

Our offer

The position is to be filled as soon as possible and is for a fixed term of 2 years. An extension is possible. Regular working hours are 19,92 hours a week. The option of undertaking a PhD is provided. Salary is according to 1/2 TV-L E13.

RWTH Aachen University has been rewarded with the "Total-E-Quality-Award" for its efforts with respect to gender equality. In cases of equal qualification, aptitude and expertise of the applicants, female applicants will be given preferential treatment for those salary groups and careers in which females are underrepresented, unless there are preponderant reasons to give preference to another applicant.

Please refer to § 8 Article 6 of the North Rhine-Westphalian Equal Opportunities Act (Landesgleichstellungsgesetz NW).

RWTH Aachen University has been rewarded with the title "disability-friendly" ("Prädikat behindertenfreundlich") for its efforts with respect to training and employment of severely disabled people. Applications from severely disabled people with appropriate suitability are explicitly welcome. This also applies to people with equal opportunities in accordance with § 2 SGB IX (Social Code).

Your contact person

For advance information, please contact Mr. PD Dr. Stefan Roth on tel. no. +49 241 80 27296
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Please send your application by 30.09.2007 to
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