



Karlsruhe Institute of Technology

Karlsruhe Institute of Technology (KIT) pools its three core tasks of research, higher education, and innovation in a mission. With about 9,400 employees and 25,000 students, KIT is one of the big institutions of research and higher education in natural sciences and engineering in Europe.

In Division V, Physics and Mathematics, the Department of Physics at KIT invites applications for a

Professorship (W3) in Experimental Astroparticle Physics

(succession of Prof. J. Blümer). The position is based at the Institute for Experimental Particle Physics (ETP) and holds, in addition, the directorship of the Institute for Nuclear Physics (IKP).

Both institutes play a leading role in large international experiments, like KATRIN and the Pierre Auger Observatory as well as at CERN and KEK. Further activities include contributions to IceCube and the search for Dark Matter. We expect an active development of research in experimental Astroparticle Physics and a leading participation in the Helmholtz programs **Matter and the Universe and Matter and Technology**.

We are seeking an outstanding scientist with background in one or more of the following areas: search for Dark Matter, high-energy astroparticle physics, and neutrino physics. The institutes provide excellent infrastructure with workshops, laboratories and clean rooms. Furthermore, the Grid Computing Centre Karlsruhe (GridKa) hosts extensive computing resources for data processing and analysis. The institutes are embedded in the KIT Centre for Elementary Particle and Astroparticle Physics (KCETA), with its Graduate School KSETA, which connects the experimental, theoretical, and technological activities surrounding the professorship.

You are also expected to take part in teaching activities of the Department of Physics at the undergraduate and graduate levels, and in service typical for a faculty member. Applicants should have obtained the degree of **Habilitation** or an equivalent scientific qualification, and are required to have experience in teaching. The appointed professor is expected to teach in German after a reasonable amount of time.

KIT is pursuing a gender equality policy. We would therefore particularly encourage qualified women to apply. If qualified, handicapped applicants will be preferred. The requirements for employment listed in § 47 Landeshochschulgesetz (LHG) apply.

Applications with the usual resume (including a curriculum vitae, a research plan, a summary of the teaching experience, and the five most important publications), should be sent by **October 2, 2017** to: **Dekan der KIT-Fakultät für Physik, Karlsruher Institut für Technologie (KIT), 76128 Karlsruhe, Germany**, preferably via e-mail to dekanat@physik.kit.edu. For questions related to research and the institutes please contact Prof. Th. Müller, e-mail: thomas.muller@kit.edu or Prof. G. Drexlin, e-mail: guido.drexlin@kit.edu.

Since 2010, the KIT has been certified as a family-friendly university.