Professorship (W3) in Experimental Particle Physics

**Job description:**
We are looking for an outstanding scientist with a research focus on experimental particle physics, in particular in the areas of precision measurements and searches for physics beyond the Standard Model, and on algorithm development and detector technologies. The successful candidate is expected to strengthen and expand the KIT activities at the Belle II experiment. We welcome your participation in the preparation of future collider experiments.

KIT provides an excellent environment for research in particle and astroparticle physics. ETP has long-term involvements in the large-scale projects CMS and Belle II. The infrastructure at ETP includes a semiconductor laboratory, workshops and computer clusters. Close ties exist with the Tier-1 computing centre GridKa. Research at ETP is mainly funded by the BMBF, the DFG and the Helmholtz Association.

ETP is part of the KIT Centre Elementary Particle and Astroparticle Physics (KCETA) and is involved in further large-scale projects such as the Pierre Auger Observatory, IceCube, KATRIN and XENON. Close collaborations exist with strong theory groups working on particle and astroparticle phenomenology. The Karlsruhe School of Elementary Particle and Astroparticle Physics: Science and Technology (KSETA) provides access to an excellent pool of Ph.D. students.

The appointed professor will be part of the ETP board of directors and assume responsibilities in the academic self-administration. The candidate is required to teach at all levels of the undergraduate and graduate curriculum (eventually in German) and to supervise bachelor, master and Ph.D. students. A Habilitation degree or equivalent scientific and teaching qualifications are required.

**Qualification:**
A Habilitation degree or equivalent scientific and teaching qualifications are required.

Employment conditions as outlined in Art. 47 LHG (Law of Baden-Württemberg on Universities and Colleges) shall apply.

**Institute:**
Division V – Physics and Mathematics, KIT Department of Physics, Institute of Experimental Particle Physics (ETP)

**Contract duration:**
unlimited

**Starting date:**
As soon as possible

**Application up to:**
June 15th, 2020

**Application:**
Qualified candidates should submit before 15.06.2020 a curriculum vitae, list of publications, as well as research and teaching statements.
to: Dekanat der KIT-Fakultät für Physik, Karlsruher Institut für Technologie (KIT), 76128 Karlsruhe, Germany, preferably as a single pdf document by email to dekanat@physik.kit.edu.

For further information about this position please contact Prof. Dr. Thomas Müller, email: thomas.muller@kit.edu, or Prof. Dr. Margarete Mülleitner, email: margarete.muehlleitner@kit.edu.

KIT is pursuing the strategic goal of substantially increasing gender balance and diversity of its faculty. As an equal opportunity employer, KIT explicitly encourages applications from women as well as from all others who will bring additional diversity to the university’s research and teaching.

KIT provides support for dual career couples and families.

Applicants with disabilities will be preferentially considered if suitably qualified.