Tenure-track-professorship in theoretical particle physics (W1)

Job description: We are looking for a scientist in an early career stage working in the area of particle physics phenomenology. Possible research directions include but are not limited to collider physics, precision calculations, properties of scattering amplitudes and physics beyond the Standard Model including its interplay with astro-particle physics. Ideally, research interests of a successful candidate should complement existing expertise in theoretical particle physics at KIT. The successful applicant is expected to participate in the Collaborative Research Center “Particle Physics Phenomenology after the Higgs Discovery” and other coordinated research efforts at KIT Center for Theoretical Particle Physics and Astrophysics (see http://www.kceta.kit.edu for additional information).

Qualification: A successful candidate must have a Ph.D. degree ideally obtained within four years of the application date. For further details, please consult § 51 of the Landeshochschulgesetz (LHG) of the State of Baden-Württemberg.

The appointed professor 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. The initial tenure-track appointment is for six years. During the fourth year an intermediate review takes place. In case of a positive tenure review during the sixth year, a promotion to full professor (W3) in theoretical particle physics will follow. The successful candidate will become part of a team of senior scientists who maintain and develop research in particle physics at KIT. The review procedure and evaluation criteria are defined in the document “Qualitätssicherungskonzept für Juniorprofessuren und Tenure-Track-Professuren am Karlsruher Institut für Technologie (KIT)”. Of particular importance are own notable contributions to theoretical particle physics, successful teaching, supervision of young scientists and demonstrated ability to secure third-party funding.

Institute: Institute for Theoretical Particle Physics

Contract duration: 6 years

Starting date: at the earliest convenience

Application up to: October 15th, 2020

Contact person in line-management: For further information about this position please contact Prof. Kirill Melnikov, Tel.: 0721/608-43883, email: kirill.melnikov@kit.edu.
Application:

To apply please e-mail curriculum vitae, list of publications, research and teaching statements to dekanat@physik.kit.edu. Alternatively, please mail your application to Dekan der KIT-Fakultät für Physik, Bereich V, Karlsruher Institut für Technologie (KIT), 76128 Karlsruhe, Germany.

KIT is an equal opportunity employer. Women are especially encouraged to apply. Applicants with disabilities will be preferentially considered if equally qualified.

The KIT is certified as a family-friendly university and offers part-time employment, leaves of absence, a Dual Career Service and coaching to actively promote work-life-balance.