Karlsruhe Institute of Technology (KIT) is a distinguished research university that combines three core tasks — research, education and innovation — into a single mission. With 9,400 employees and 25,000 students, it is one of the largest institutions of research and higher education in natural sciences and engineering in Europe.

The Department of Physics at KIT, as part of the Physics and Mathematics Division, invites applications for a

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

at the Institute for Theoretical Particle Physics. This position is funded through the Tenure-Track Program of German Federal Government and Federal States designed to support researches in early career stages.

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](http://www.kceta.kit.edu) for additional information).

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.

KIT provides an excellent environment for research in particle physics. The Institute for Theoretical Particle Physics is part of the KIT Center for Elementary Particle and Astroparticle Physics. KIT hosts the graduate school for particle and astroparticle physics KSETA which provides access to a pool of graduate students.

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.

To apply please e-mail curriculum vitae, list of publications, research and teaching statements before October 15, 2020 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.

For further information about this position please contact Prof. Kirill Melnikov, Tel.: 0721/608-43883, email: kiri.melnikov@kit.edu.