

The Institute of Theoretical Particle Physics (TTP) invites applications for several

Postdoctoral Positions in Theoretical Particle Physics (f/m)

starting October 1, 2019 or earlier.

TTP consists of three faculty members (K. Melnikov, U. Nierste and M. Steinhauser), seven postdoctoral fellows and several graduate students. Current interests of the members of the Institute include hadron and lepton collider physics, Higgs boson physics, perturbative QCD, flavor physics, weak interactions, top quark physics, physics beyond the Standard Model and development and application of advanced computational methods in perturbative Quantum Field Theory.

TTP is part of the KIT Center for Elementary Particle and Astroparticle Physics (KCETA) at the Karlsruhe Institute of Technology that also includes the Institute for Theoretical Physics whose members are involved in research in collider physics and quantum field theory and the Institute for Experimental Particle Physics whose members participate in the CMS experiment at CERN and the Belle II experiment at KEK. Several groups at KIT are involved in astroparticle physics research. Further information about particle physics in Karlsruhe can be found at www.ttp.kit.edu and www.kceta.kit.edu.

A successful applicant will have a Ph.D. in theoretical particle physics and experience with some of the research topics listed above. Applications by qualified women are particularly encouraged. As a certified family-friendly university, KIT offers part-time employment, leaves for family-related reasons, dual career options, and individual coaching for family-work balance. In case of equal qualification, a preference will be given to handicapped applicants.

The salary corresponds to the E-13 level of the wage agreement of the German civil service (TV-L). The position is initially offered for two years and can be extended for one more year subject to a satisfactory performance and availability of funds.

The deadline for the applications is December 9, 2018. Later applications will be considered as long as openings exist. To ensure full consideration

1. send your application including a list of publications, curriculum vitae and short research statement as a single pdf file to martina.schorn@kit.edu. Three letters of reference should be e-mailed separately to the same address.
2. also apply [online](#) using the vacancy number 1073/2018. Questions related to conditions of employment should be directed to Mr. Münch, Human Resources, Karlsruhe Institute of Technology (KIT), Campus Süd, Kaiserstraße 12, 76131 Karlsruhe, or to Ms. Martina Schorn (martina.schorn@kit.edu), Institute of Theoretical Particle Physics.



Further details can be found on our website: www.kit.edu.

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