

INSTITUT FÜR THEORETISCHE TEILCHENPHYSIK
UND KOSMOLOGIE

RWTH AACHEN UNIVERSITY

POSTDOCTORAL POSITIONS

The Institute for Theoretical Particle Physics and Cosmology at the RWTH Aachen plans to make several appointments in **theoretical particle/astroparticle physics and cosmology** at the postdoctoral level (TvL E13). The appointments are for two years starting in the fall of 2012. They may be extended for one year subject to funding.

The Institute for Theoretical Particle Physics and Cosmology currently consists of Werner Bernreuther, Michael Krämer, Yvonne Wong, several postdoctoral fellows, and a number of doctoral and diploma/master students. The interests of the group include a wide range of topics in particle physics phenomenology and field theory (LHC phenomenology, Higgs and top quark physics, CP violation, strong interactions, supersymmetry and other extensions of the standard model), and in physics of the early universe and cosmology (CMB and cosmic perturbations, large scale structure, dark matter, dark energy). The group is part of the Sonderforschungsbereich/Transregio “Computational Particle Physics”, the Helmholtz Alliances “Physics at the Terascale” and “Astroparticle Physics”, and various EU Marie Curie Research Training Networks. There are close links with the experimental groups in Aachen working on high-energy collider and astroparticle physics. Further information can be obtained at the institute’s website:

<http://www.physik.rwth-aachen.de/institute/theorie-e/>

Applicants should provide a curriculum vitae, a list of publications, and a brief description of their research interests **in a single pdf file**. Applications should be sent to the e-mail address

ttkpostdoc@physik.rwth-aachen.de

before **December 1, 2011**. In addition, the applicant should arrange for three letters of recommendation to be sent to the same address.