

The Institute for Theoretical Particle Physics and Cosmology (TTK) at the RWTH Aachen University invites applications for three postdoctoral positions in Cosmology and Astroparticle Physics (at the salary level E13 TVL). The appointments are for two years, starting in fall 2015, and may be extended to one more year subject to performances.

Applicants should have acquired solid international-level skills in at least one of the following topics: perturbations and phase transitions in the Early Universe, CMB Physics, Large Scale Structure, Particle Cosmology, Numerical Cosmology, Cosmological Data Fitting, Dark Matter Indirect Detection, interpretation of Cosmic Ray experiments. Eventually, the capacity to carry out theoretical research in contact with international experimental collaborations in the fields of CMB, LSS (e.g. Euclid) or Cosmic Rays could be a plus.

The recruited post-docs will join the new cosmology and astroparticle group of Pr. Julien Lesgourgues, at the same time as several PhD and master students (also, another professor is expected to join the group in 2016). They will have several opportunities to collaborate with particle theorists at TTK (groups of Profs. Michael Krämer and Michal Czakon), and/or with the Aachen groups of experimental particle and astroparticle physics (AMS, Ice Cube, LHC...). Further information can be found at

<http://www.physik.rwth-aachen.de/ca/f/fuiw/?lidx=1>

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 email address:

ttkpostdoc@physik.rwth-aachen.de

before December 15, 2014. In the subject field, please include at least the words 'cosmology', '2015' and your family name (e.g.: 'application cosmology 2015 Friedmann'). In addition, the applicant should arrange for three letters of recommendation to be sent to the same address.