

**Faculty: Mathematics, Informatics and Natural Sciences**

**Department: Physics**

**Seminar/Institute: Institute for Experimental Physics**

The university of Hamburg offers a position open for a **research associate** (wissenschaftliche/r Mitarbeiter/in) - salary group 13 TV-L – with a starting date of 1.12.2011 for the following **project**: “Cosmological Background fields and Dark Matter in the Early Universe” within the “Hamburg Excellence Cluster: Connecting Particles with the Cosmos”.

The position calls for 39 of hours per week. The short-term contract will end on 31.12.2012 (see also § 2 of the Academic Fixed-Term Contract Law (Wissenschaftszeitvertragsgesetz)).

The university intends to increase the number of women amongst its academic personnel and expressly encourages qualified women to apply. In compliance with the Hamburg Equal Opportunity Law, preference will be given to qualified female applicants.

**Responsibilities:**

A research associate’s duties include academic service for the following project: “Cosmological Background fields and Dark Matter in the Early Universe” within the “Hamburg Excellence Cluster: Connecting Particles with the Cosmos”. The cluster of excellence “Connecting Particles with the Cosmos” combines unique expertise on accelerator and detector physics, particle physics, astro- and astroparticle-physics with cosmology, string theory and mathematical physics in Hamburg. It aims at providing significant contributions to the world- wide research program in particle physics, strengthening its connections to cosmology and exploring its implications on the fundamental laws of nature.

**Area(s) of Responsibility:**

Extragalactic diffuse emission, stellar evolution, dark matter, cosmic-ray propagation, early universe

**Requirements:**

Academic degree in one of the above academic subject areas qualifying the holder to carry out the above-mentioned responsibilities, research experience in Astroparticle Physics, and contact details for two academic references.

Preference will be given to disabled applicants with equal qualifications.

Application dossiers (application letter, curriculum vitae, degree certificate(s), etc.) are to be submitted to Martin Raue, Institut für Experimentalphysik, Universität Hamburg, Luruper Chaussee 149, D-22761 Hamburg, Germany, email: martin.raue@desy.de, preferentially by email, **by 31.10.2011**

For more information please contact Martin Raue (martin.raue@desy.de) or check the following website: <http://wwwiexp.desy.de/groups/astroparticle/crf/>.