Postdoctoral Positions  
Gamma-Ray Astrophysics  
(MAGIC and CTA)

The Max Planck Institute for Physics does fundamental research in particle and astroparticle physics from both an experimental and a theoretical perspective. Our research activities in astroparticle physics comprise participation in the gamma ray telescope MAGIC at the Roque de Los Muchachos Observatory at La Palma (Spain), the future space mission EUSO, and the CRESST dark matter search at Gran Sasso (Italy).

We invite applications for postdoctoral positions in high energy gamma ray astrophysics to strengthen our experimental astroparticle physics group. MAGIC is the world's largest ground-based Imaging Atmospheric Cherenkov telescope stereo system studying the deep universe with high energy gamma rays above 50 GeV. The scientific objectives are the study of high energy astronomical objects, e.g. AGNs, GRBs, Pulsars, and SNRs, and the investigation of fundamental physics. The system has been operating in stereo mode since summer 2009. Please see the MAGIC web site (http://www.magic.mppmu.mpg.de/).

In parallel, the institute’s experimental astroparticle physics group is heavily involved in the next generation project CTA (Cherenkov Telescope Array), which aims at a 10 times better sensitivity than that of currently working IACTs, and covers a wider energy range between a few 10s GeV and 100 TeV.

We are looking for postdoctoral researchers who can contribute to the MAGIC experiment and also to the development of the next generation project CTA. Candidates with an experimental background in cosmic-ray physics, gamma-ray physics, or neighbouring fields, such as elementary particle physics and astrophysics, are invited to apply.

The positions are limited to a period of initially two years, with the possibility of an extension by up to four years. Salary and benefits are in accordance with the German public service pay scale (TVöD). The Max Planck Society wishes to increase the participation of women wherever they are underrepresented; therefore, applications from women are particularly welcome. Following its commitment to an equal opportunities employment policy, the Max Planck Society also especially encourages handicapped persons to submit their applications.

For further information please contact Prof. Masahiro Teshima, e-mail: mteshima@mppmu.mpg.de. Interested scientists should send their applications (including a CV, list of publications and research interest) until 30 April 2010 and arrange for two recommendation letters to be received by the same date.

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