

# Max-Planck-Institut für Physik

(Werner-Heisenberg-Institut)



The Max Planck Institute for Physics does fundamental research in particle and astroparticle physics from both an experimental and a theoretical perspective.

We invite applications for a

**postdoctoral position**  
for the CRESST experiment.

CRESST is a Dark Matter search based on scintillating cryogenic calorimeters and is located at the Gran Sasso underground laboratory in central Italy. The responsibility of the CRESST group at MPI comprises all essential aspects of the experiment, with special emphasis on development and fabrication of detectors, cryogenics, DAQ and data analysis. The group is very active in detector R&D. New developments can be tested in dilution refrigerators at MPI or in our cryostat dedicated for detector R&D at Gran Sasso.

The successful candidate is expected to take a major role in detector R&D and/or the analysis of data of the presently starting run of CRESST. The candidate is also expected to contribute to the on site support at LNGS and to a planned upgrade of the CRESST experiment.

Formal requirement for this position is a PhD in experimental physics at the time of recruitment. A person with strong laboratory skills and a predilection toward instrumentation would be ideal for detector R&D. The candidate should have a background in astroparticle-, particle- or nuclear physics. Experience with cryogenic detectors and dilution refrigerators as well as in low background methods are an advantage.

Salary and benefits are commensurate with public service organizations (TVöD). The position is for a fixed term of 3 years, potentially renewable, and is to be filled as soon as possible. The Max Planck Society is an equal opportunity employer. The goal is to enhance the percentage of women where they are underrepresented. Women, therefore, are especially encouraged to apply. The MPG is committed to employing more handicapped people. Applications of handicapped people are particularly welcome.

Interested applicants should submit an application letter, a statement of research interests, a curriculum vitae, a list of publications, and arrange for three letters of support to be sent to

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Further information can be obtained from Dr. Franz Probst ([proebst@mpp.mpg.de](mailto:proebst@mpp.mpg.de)). Applications should be sent before May 15, 2013.