



## Postdoctoral Position within the CRESST experiment

The Max-Planck-Institute for Physics is a research institute focusing on particle and astroparticle physics from both an experimental and a theoretical perspective. CRESST is a dark matter search based on scintillating cryogenic calorimeters and is located at the Gran Sasso underground laboratory in central Italy. CRESST is a worldwide leading experiment in the search of light dark matter candidates. The CRESST group at MPP has a many year's leadership in the development and operation of the low-threshold high-performance detectors that are needed to reach the experimental sensitivity.

The responsibility of the CRESST group at MPP comprises all essential aspects of the experiment, with special emphasis on development and fabrication of detectors, cryogenics, DAQ and data analysis. The group is also leading the detector R&D for the CRESST-III upgrade to phase 2. New developments will be tested in dilution refrigerators at MPP 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 for the next phase of the experiment and/or in the analysis of data of the presently ongoing phase. He/she should have good communication skills and enjoy working as part of a team as well as independently. The candidate is also expected to contribute to the on site support at LNGS and to the planned upgrade of the CRESST experiment.

The position is limited to a period of initially three years, with a possible extension to up to five years. Salary and benefits are in accordance with the German public service pay scale (TVöD). The Max Planck Society is an equal opportunity employer committed to increasing the participation of women wherever they are underrepresented. The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply.

For questions concerning the position offered please, contact Dr. Federica Petricca ([petricca@mpp.mpg.de](mailto:petricca@mpp.mpg.de)). Interested scientists should send their applications (including a CV, list of publications and a statement of research interest) until **15 February 2019** and arrange for three recommendation letters to be received by the same date at:

### Max-Planck-Institut für Physik

(Werner-Heisenberg-Institut)

Ms. Diana Werner ([dwerner@mpp.mpg.de](mailto:d Werner@mpp.mpg.de))

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The Max Planck Institute for Physics collects and stores personal data that you send for your application. Further information on the data collected can be found at

<https://www.mpp.mpg.de/en/studying-and-working/jobs/data-protection-statement-for-job-applications/>



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