



The Max-Planck-Institute for Physics (MPP) is a research institute focusing on particle and astroparticle physics from both an experimental and a theoretical perspective.

Within the framework of the Lise Meitner Group “In search of a new, light physics” we invite applications for a

Postdoctoral Position (f/m/d)

for the development of axion haloscopes for the future babyIAXO magnet.

The successful candidate is expected to take a major role in the design, and the building of a demonstrator for a large scale haloscope in the babyIAXO magnet in collaboration with the RADES group. In addition, the candidate should take a leading role in contributing to analysis of data and further development of demonstrators in the RADES group in Germany, at CERN and in Spain. A possibility to work on projects in particle phenomenology, as well as a contribution to other projects in the research group at part-time is also possible.

Candidates must hold or be near completion of a PhD in experimental or theoretical particle physics or equivalent at the time of recruitment. A person with previous experience in radiofrequency design, electronics or experience in data analysis for hep experiments would be ideal. Expertise with cryogenic set-ups or superconductors is an advantage.

The position is initially limited to a period of two years, with the possibility of extension of at least one additional year. Salary and benefits are in accordance with the German public service pay scale (TVöD Bund).

The Max Planck Society strives for gender equality and diversity. The Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals. Furthermore, the Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply.

For questions concerning the position offered, please contact Babette Döbrich (babette.dobrich@cern.ch). Interested scientists should send their applications (including a CV and a statement of research interests) until **September 15, 2022** and arrange for two recommendation letters to be sent as PDF and received by the same date via e-mail to jobs@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>