



The Max Planck Institute for Physics carries out basic research in the field of theoretical and experimental elementary particle and astroparticle physics with approximately 330 employees from more than 20 countries. In theoretical particle physics, the department for quantum field theory focuses its research on amplitudes that describe the probabilities of scattering processes in the event of particle collision, as well as the application of ideas and methods developed in this field to cosmology. The department hosts the ERC Consolidator Grant „Novel structures in scattering amplitudes“ (www.scattering-amplitudes.com). Our Director for quantum field theory invites applicants for a position as

Postdoc in the Theory Department (f/m/d)

Besides meeting the general requirements for a position of this nature (a completed doctorate in physics, relevant scientific publications), profound knowledge in one or several of the following areas is desirable: quantum field theory, conformal field theory, AdS/CFT correspondence, scattering amplitudes in gauge theories, calculation of cross-sections for LHC processes, computer algebra, positive geometries, theoretical cosmology and dS physics. Furthermore, we expect excellent teamwork and communication skills.

Remuneration is based on the Collective Wage Agreement for the Civil Service (TVöD Bund) pay scale up to pay group 13 depending on your qualifications and experience. This post is available on a three-year fixed-term basis offering you the opportunity to participate in advanced trainings of the Max Planck Society, generating competencies in various fields such as career planning and soft skills.

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.

If you have any questions, please contact Vera Kudrin (vkudrin@mpp.mpg.de, tel.: +49 (0)89 32354 334). Please upload your complete application along with a covering letter, CV and three letters of reference as well as your research interests via <https://apply.mpp.mpg.de/QFT-2023> **by 7 December 2022 at the latest.**

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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/>