



The Max-Planck-Institute for Physics is engaged in fundamental research in particle and astroparticle physics from both experimental and theoretical perspectives. One main research activity is the participation in the ATLAS experiment at the Large Hadron Collider (LHC) at CERN.

We invite applications for a

### Postdoctoral position (f/m/d)

in experimental particle physics within our ATLAS Inner Detector Group. The data analysis program pursued concentrates on precision measurements within the Standard Model in the area of top-quark physics, primarily on high-precision measurements of the top-quark mass and their combination. The hardware activities of the group focus on the construction of the new ATLAS pixel detector for the high luminosity phase of the LHC.

The successful candidate is expected to play a leading role in our top-quark physics analyses to further improve their scope and precision. In addition, but at a significantly lower level, we encourage participation in our hardware activities. We are seeking an outstanding candidate holding a PhD in experimental particle physics. We expect experience in Monte Carlo simulation, data analysis and preferably also in fitting methods, good communication skills, capability to effectively work in a team and willingness for business travel in accordance with the needs of our research.

Salary and benefits are according to the German public service pay scale (TVöD Bund). The contract is initially limited to three years and can be extended in accordance with German law and available funding.

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 PD Dr. Richard Nisius ([nisius@mpp.mpg.de](mailto:nisius@mpp.mpg.de)). Interested scientists should send their application until **November 4, 2022**, exclusively via our online [application portal](#). Applications should include a motivation letter, curriculum vitae with university certificates, statement of research interests and list of publications. Please provide three names and contact details of persons who will be providing reference letters. We are looking forward to your online application.

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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>