



Postdoctoral Position in Top-Quark Physics

The *Max-Planck-Institut für Physik* is a research institute focussing on particle and astroparticle physics from both an experimental and a theoretical perspective. One main research activity in particle physics at accelerators is the participation in the ATLAS experiment at the Large Hadron Collider (LHC) at CERN. The scientific foci of the ATLAS collaboration are the search for New Physics and precision measurements of Standard Model parameters.

We offer a postdoctoral position within our ATLAS Inner Detector Group. 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 data analysis program pursued concentrates on precision measurements within the Standard Model in the area of top-quark physics, namely on high-precision measurements of the top-quark mass and their combination.

We invite applications for a postdoctoral position in experimental elementary particle physics to strengthen our data analysis effort. The successful candidate is expected to play a leading role in our top-quark physics analyses to further improve their 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 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 position can start from June 1, 2019, is based in Munich and is initially limited until December 31, 2022. 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 the group leader Dr. Richard Nisius (nisius@mpp.mpg.de). Interested scientists should send their application, including a motivation letter, CV with university certificates, statement of research interests and list of publications by email to schielke@mpp.mpg.de until **April 26, 2019**. Applicants should arrange for three letters of recommendation to be received by the same date. Applications will be accepted until the position is filled.

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