MAX-PLANCK-INSTITUT FÜR PHYSIK

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

One postdoctoral position (f/m/d)

in experimental particle physics within our ATLAS Inner Detector Group. The hardware activities of the group focus on the production of silicon pixel modules for the new ATLAS Inner Tracker (ITk), to operate during the high luminosity phase of the LHC. The data analysis program pursued concentrates on high-precision measurements of the top-quark mass and their combination.

The successful candidate is expected to lead the group performing the pixel module assembly and test at the MPP. The work performed together with technicians consists of gluing a flexible PCB to a bare module composed of a silicon pixel-sensor and four read-out chips, ultrasonic wire-bonding and characterization of the mechanical and electrical performance of the module. In addition, but at a lower level, we encourage participation in physics analyses activities.

We are seeking an outstanding candidate holding a PhD in experimental particle physics. We expect experience in silicon tracking detectors, preferably within the ITk, good communication skills, capability to effectively coordinate a team, assured reporting 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). Interested scientists should send their application until **January 20, 2023,** 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. Applicants should arrange for three letters of recommendation to be received by the same date. We are looking forward to your online application.

Max Planck Institute for Physics
(Werner Heisenberg Institute)
Human Resources
Föhringer Ring 6
D-80805 Munich
Germany

Zertifikat seit 2006
audit berufundfamilie