

Max-Planck-Institut für Physik

(Werner-Heisenberg-Institut)



The Max-Planck-Institute for Physics participates in the ATLAS experiment at the Large Hadron Collider (LHC) at CERN since its inception. The ATLAS group has developed and constructed major components of the inner detector, calorimeter and muon spectrometer systems of the experiment and develops new technologies for upgrade programs. The group also operates at the Max Planck Computing and Data Facility (MPCDF) and in collaboration with the Leibniz Rechenzentrum and the Ludwig-Maximilians-University a Tier-2 centre within the Worldwide LHC Computing Grid (WLCG). Members of the ATLAS group work at all levels in the collaboration and are contributors to many standard model, top and Higgs physics analysis as well as a broad spectrum of Susy and exotics searches.

The institute is searching for a

physicist (f/m)

to drive physics analysis in one the physics areas mentioned above and to take over responsibilities for software and computing tasks in the collaboration. These tasks will be in the field of software development and maintenance, or in development and operations in the ATLAS distributed computing and data management systems.

Your tasks

- Take over a leading role in physics analysis at all levels from early studies to publication
- Assume responsibility for tasks in the software and computing area of ATLAS
- Supervision of students

Your profile

- PhD or equivalent with a topic in particle physics
- Proven experience with successful particle physics analysis in a collaboration
- Good understanding of programming languages such C++, python and unix shell
- Experience with the computing system of a particle physics experiment
- Good communication capabilities, willingness to acquire new skills, flexibility, and a team oriented working style

Our offer

- Contract limited until 31 December 2019
- Extended stays at the host laboratory CERN are possible
- Salary and benefits are commensurate with public service pay (Tarifvertrag des öffentlichen Dienstes TVöD Bund)

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. Queries may be directed to Dr. Stefan Kluth, skluth@mpp.mpg.de, Tel.: +49 89 32354 468. Information about the institute may be found on the internet at www.mpp.mpg.de. Please send your complete written application by 30 September 2017 either electronically to schielke@mpp.mpg.de or via mail to

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