

The PRISMA+ Cluster of Excellence at the Institute of Physics at the Johannes Gutenberg-Universität Mainz (Germany) has

several openings
for
Research Associates (PhD positions)
(TV-L EG 13/2)

in the Mainz ATLAS group to be filled immediately.

The Mainz ATLAS group shares major responsibility for the operation and upgrade of the ATLAS experiment at the Large Hadron Collider. Physics analysis activities include measurements of Higgs boson and top quark properties, as well as a broad range of searches for new physics (including signature-based searches, Supersymmetry and Dark Matter). The PRISMA+ Cluster of Excellence – Precision Physics, Fundamental Interactions and Structure of Matter – is focussed on the key questions concerning the fundamental constituents of matter and their implications for the physics of the Universe.

The successful applicants are expected to perform a physics analysis at the ATLAS experiment in one of the main fields of activities of the group and will be offered the opportunity for extended stays at CERN and the participation in international physics conferences. Applicants are required to hold a master (or equivalent) degree in physics. Outstanding candidates without a master degree can apply for a fast-track PRISMA+ scholarship that allows to enter a 4-year PhD program based on a bachelor's degree in physics. A distinct background in high energy experimental particle physics and experience in data analysis, statistical methods and basic programming skills are desirable.

The Johannes Gutenberg-Universität Mainz aims at increasing the percentage of women in academic positions and strongly encourages women scientists to apply.

The University is an equal opportunity employer and particularly welcomes applications from persons with disabilities.

Qualified candidates are requested to submit their application, including a curriculum vitae, a brief description of their research experience and interests to Prof. Volker Büscher, Institut für Physik, 55099 Mainz, Germany (or via email to buescher@uni-mainz.de) and to arrange for at least two letters of recommendation to be sent directly to the same address. Applications will be considered as they arrive and will be accepted until **June 1, 2019**.

Further information:

<https://www.etap.physik.uni-mainz.de>

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