The Johannes Gutenberg-Universität Mainz (Germany) has an opening for one

**Research Associate (PhD position)**

(TV-L EG 13/2)

in the ATLAS group, to be filled in the beginning of 2016.

The Mainz ATLAS group shares major responsibility for the construction, operation and upgrade of the ATLAS experiment at the Large Hadron Collider. Physics analysis activities include Standard Model Physics, a broad range of searches for new physics (including signature-based searches and Supersymmetry), the study of the Higgs Boson, as well as Top Quark Physics. The research group is part of the **Cluster of Excellence** "Precision Physics, Fundamental Interactions and Structure of Matter (PRISMA)" which addresses the basic questions about the nature of the fundamental building blocks of matter and their importance for the physics of the universe.

The successful applicant will contribute to the detector development of the ATLAS Muon Spectrometer and to a fundamental physics analysis in the area of Standard Model precision physics, aiming to find indications of supersymmetry. The opportunity for extended stays at CERN and the participation on international physics conferences is offered. Further information on the research group and its research focus can be found under [http://www.lichtenberg.physik.uni-mainz.de](http://www.lichtenberg.physik.uni-mainz.de).

Applicants are required to hold an academic degree in physics with a profound particle physics background, proven by a dedicated research work for at least six months (e.g. by a relevant master thesis project). Experience in data analysis or detector operation and basic programming skills are desirable.

The Johannes Gutenberg-University 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 until **30th of November 2015**, including a curriculum vitae, a brief description of their research experience and interests and two letter of recommendations, to J.-Prof. Dr. Matthias Schott, Institut für Physik, 55099 Mainz, Germany (or via e-mail to schottm@uni-mainz.de). The position is to be filled at the earliest possible date.

**Contact:** J.-Prof. Dr. Matthias Schott  
**Email:** schottm@uni-mainz.de  
**Homepage:** [http://www.lichtenberg.physik.uni-mainz.de](http://www.lichtenberg.physik.uni-mainz.de)  
**Deadline:** 30th of November 2015