



The Physics Institute of the Faculty of Physics and Astronomy invites applications for a

**Postdoctoral Research Associate
for the ATLAS-Upgrade Project at HL-LHC**

The Physics Institute of the Faculty of Physics and Astronomy in Heidelberg has a strong focus on experimental particle physics. Several research groups are contributing to the operation and data analysis of the LHC experiments ALICE, ATLAS and LHCb, and to detector upgrades in the context of High Luminosity-LHC. The ATLAS group of the institute is engaged in three upgrade projects: the Fast TrackKer (FTK) project, hardware developments and simulations of new track triggers, and R&D for monolithic CMOS pixel detectors with emphasis on High Voltage-Monolithic Active Pixel Sensors (HV-MAPS).

The ATLAS group is searching for a talented particle physicist who has profound knowledge and experience in at least one of the following areas: silicon-semiconductors; tracking detector R&D and operation; track reconstruction; detector simulation; trigger and data acquisition. The candidate is expected to play a leading role in the current R&D activities of the group, particularly for the development of an HV-CMOS demonstrator for the ATLAS Inner Tracker Upgrade (ITK) for HL-LHC.

Starting date: latest 1st of July 2017

Requirements: PhD in experimental high-energy physics or closely related fields.

Salary: The salary is subject to personal qualification and remunerated according to salary group E13 TV-L

Applications including a curriculum vitae, a list of main publications, copies of transcripts, certificates and the names of at least three potential referees should be sent electronically to

André Schöning email: schoning@physi.uni-heidelberg.de

Review of applications will begin immediately and continue until the position has been filled.

The University of Heidelberg is an equal opportunity employer and welcomes applications from women. Handicapped applicants will be treated preferentially if equally qualified.

Contact:

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