



The Physics Institute of the University of Heidelberg invites applications for a

Doctoral Student

for the development of monolithic CMOS pixel detectors

The Physics Institute of the Faculty of Physics and Astronomy in Heidelberg is involved in several LHC experiments (ALICE, ATLAS, LHCb), smaller scale experiments like Mu3e and offers an exciting research program. The High Energy group is developing High Voltage-Monolithic Pixel Sensors (HV-MAPS) for the Mu3e pixel tracker and hadron-collider experiments (e.g. ATLAS at HL-LHC FCC). The group is looking for an talented PhD student who will develop, construct and test monolithic CMOS pixel modules and investigate possible track trigger applications.

Starting date: latest July 1st, 2017

Requirements: Master or equivalent degree in experimental particle physics or closely related fields. Candidates should be highly motivated, interested in physics at the high energy frontier, and are expected to have very good computing and analysis skills.

Applications including a curriculum vitae, list of publications, copies of transcripts and certificates, and names of at least two 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:

Prof. A. Schöning, Physics Institute, University Heidelberg
Im Neuenheimer Feld 226, D-69120 Heidelberg, Germany