The Physics Institute of the University of Freiburg (Germany) has an opening for a

**Postdoctoral Position on the Development of Semiconductor Detectors**

with an E13 salary level according to the TV-L payscale. The successful candidate is expected to work in the field of semiconductor detectors, primarily on silicon detectors for high energy particle physics. The activities of our group in this area extend over the following topics:

- Development of silicon strip detector module concepts and layouts for the ATLAS HL-LHC upgrade;
- R&D on radiation hard silicon detectors;
- R&D and testing of high-Z semiconductor detectors (e.g. CdTe) for general radiation monitoring applications and medical imaging.

The position involves close interaction with the electrical and mechanical workshops in our institute, as well as cooperation with national and international groups. Applicants will have the opportunity to participate in teaching at the faculty.

Applicants should hold a very good doctoral degree in physics or a related field, and have experience with semiconductor detectors. The university is seeking to increase the number of female scientists and therefore encourages suitably qualified women to apply.

The position is available from the 1st of February 2013 onwards, with an initial contract duration of two years. Applications, including a CV and the names of two academic referees, should be sent to arrive before the 7th of January 2013 to: Christina Skorek, Universität Freiburg, Physikalisches Institut, Hermann-Herder-Str. 3, 79104 Freiburg or via email to christina.skorek@physik.uni-freiburg.de.

More information can be obtained from:
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