

At the **Faculty of Science** in the **Institute for Nuclear and Particle Physics** we have an opening for a

**Postdoctoral Fellow for Experimental Particle Physics (E 13 TV-L)**

on a fixed-term position for an initial period of two years. The contract may be extended by a second period until 30.6.2012. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG).

**Duties:** playing a leading rôle in the analysis efforts and detector development activities of the local ATLAS group. The current research activities of our group comprise data analysis and tool development for the search for Higgs Bosons beyond the Standard Model as well as commissioning of the ATLAS Liquid Argon Calorimeter. An active participation in the planned research and development of fast readout electronics for the Liquid Argon calorimeters at the upgraded sLHC and for the forward calorimeters at the International Linear Collider ILC is desired. The post is supported within the Helmholtz-Alliance "Physics at the Terascale", a research network supported by the Helmholtz Association and comprises the research centres DESY and FZ Karlsruhe, 17 German Universities, and the Max-Planck Institute for Physics (<http://www.terascale.de>). Participation in project-oriented teaching is possible.

**Qualification:** Ph.D. in Experimental High Energy Physics or equivalent experience, great potential for outstanding achievements as an independent researcher and experience within the above-mentioned activities.

Applications from women are particularly welcome. The same applies to persons with disabilities.

Please submit your application by **August 1, 2008** including your CV, summary of research interests, list of publications with own contributions, a copy of the certificate of your highest academic degree and three names of referees to **TU Dresden, Fakultät Mathematik und Naturwissenschaften, Fachrichtung Physik, Institut für Kern- und Teilchenphysik, Herrn Jun. Prof. Dr. A. Straessner, 01062 Dresden, Germany** or to [straessner@physik.tu-dresden.de](mailto:straessner@physik.tu-dresden.de), (Please note: We are currently not able to receive electronically signed and encrypted data). Later arriving applications will be considered as long as the position is not filled.