



### **Bachelor- and Master-Theses: Data-analysis at the LHC**

- A Feasibility-Study for New Methods of the W-Boson  $p_T$  Measurement
- Developing new Approaches of Missing Transverse Energy Measurements with Particle Flow Algorithms
- ....



### **Bachelor- and Master-Theses: Detector Development for High Energy Physics**

- Testing new Micromegas Detector Layouts with X-Ray Sources
- Development of Cosmic Ray Reconstruction Algorithms
- Study of Gas-Compositions for Micromegas Gas Detectors
- ...

For further information on our group visit our web-page:  
<http://www.staff.uni-mainz.de/schottm/EWPGroup/>