



## Diploma/Ph. D. Thesis in Experimental Physics Precision Mass Spectrometry

Precision Mass Spectrometry for applications in

- Heavy Ion Nuclear Physics
- Analytical Chemistry
- Environmental Analysis

### Tasks:

Characterisation of a ion-source for an electrostatic time-of-flight mass spectrometer, running of the mass analysator and first measurements

### Knowledge:

Modern data acquisition, fast electronic detectors for single atoms and molecules  
Analysis of the acquired data  
Working with an international collaboration

### Requirements:

Vordiplom or Master in Physics  
Motivation and joy working

### We offer:

Workplace with outstanding IT-equipment  
HIWI-Job  
The best party in Gießen (DYN 2005)  
“Trying out” possible

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### For more information please contact:

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