

## Internships in the Research Groups - physics799

Degree - M.Sc. in Physics (PO von 2014)

<i>Module</i>	<b>Elective Advanced Lectures: Experimental Physics</b>
<i>Module No.</i>	physics70a

<i>Course</i>	<b>Internships in the Research Groups</b>
<i>Course No.</i>	physics799

<b>Category</b>	<b>Type</b>	<b>Language</b>	<b>Teaching hours</b>	<b>CP</b>	<b>Semester</b>
Elective	Research Internship	English		4	WT/ST

**Requirements for Participation:** Students are asked to contact one of the BCGS lecturers prior to the start of their internship. Lecturers provide help if needed to find a suitable research group and topic. Not all groups may have internships available at all times, thus participation may be limited.

**Preparation:** A specialization lecture from the research field in question or equivalent preparation.

**Form of Testing and Examination:** A written report or, alternatively, a presentation in a meeting of the research group.

**Length of Course:** 4-6 weeks

**Aims of the Course:** Students conduct their own small research project as a part-time member of one of the research groups in Bonn. The students learn methods of scientific research and apply them to their project.

### Contents of the Course:

One of the following possible items:

- setting up a small experiment,
- analyzing data from an existing experiment,
- simulating experimental situations,
- numerical or analytical calculations in a theory group.

**Recommended Literature:** provided by the supervisor within the research group.