

**Modules:**

physics70a **Elective Advanced Lectures: Experimental Physics**

physics70b **Elective Advanced Lectures: Applied Physics**

physics70c **Elective Advanced Lectures: Theoretical Physics**

**Course:****Research Project**

Course No.: physics799

Category	Type	Language	Teaching hours	CP	Semester
Elective	Research Project	English		4	WT/ST

**Requirements for Participation:**

Students are asked to contact one of the BCGS lecturers prior to the start of their research project. Lecturers provide help if needed to find a suitable research group and topic. Not all groups may have projects 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.

registration by written application to the examination office (see homepage)