

**19.08.2019**

## **Policy: Projects in Theoretical Physics**

### **10 ECTS Credit Points - PHYC40900**

#### **PROJECT ALLOCATION**

Students will be assisted by the module coordinator in finding an appropriate project. This process should be completed by the start of the third week in Semester 1. Each project has capacity of one student, unless indicated otherwise. It is the student's responsibility to engage fully with this process, contact Supervisors, and ensure a project is identified and agreed by the deadline. It is the student's responsibility to highlight any difficulties to the module coordinator as soon as they arise, so that they may be addressed without delay.

#### **DURATION AND TIMELINE**

The project continues through Semesters 1 and 2.

- Semester 1, Week 1: project titles and short abstracts distributed to students
- Semester 1, Weeks 1-2: students discuss with supervisors and choose a project
- Semester 1, Week 12: students submit a literature review to supervisor
- Semester 2, Week 2: interim meeting of all participating students and Supervisors to discuss progress and present short report to the group
- Semester 2, Week 9/10: final TP project presentations (all of School invited)
- Last day of Semester 2: students hand in final reports for grading

#### **ASSESSMENT**

The final module grade is based on:

- written thesis (70%)
- oral presentation & defence (30%)

The report submission deadline is 4pm on the last working day of Semester 2. The main text of the report should be 20-30 pages, single-sided and double-spaced, including figures and bibliography (but excluding appendices, which may be single spaced). The report should include a title page, abstract, acknowledgements, declaration of authorship, table of contents and lists of tables and figures. Two hard copies of the printed and bound report must be submitted to the School Office by the deadline. Electronic pdf copies should be sent to the module coordinator and the project supervisor by email by the same deadline.

The oral presentation will be 15 minutes followed by 5 minutes reserved for questions and feedback (a total of 20 minutes per student). The presentation does not require novel results but should be focused on the hypothesis and science at the basis of the project in line with international standards for TP degrees. The students are expected to present their research work in a way which underlines their own contribution, while clearly explaining the hypothesis and the underlying physical concepts at the basis of their project. Students working as part of a team should make their own, individual presentations. Supervisor's report(s) will be requested directly by the module coordinator.

## EXAMINATION

The oral presentation is examined by the module coordinator. The report is examined by the project Supervisor. Moderation of grades may be performed as necessary by the module coordinator.

The Supervisor is requested to complete a one-page assessment form and submit it via email to the module coordinator.

## NOTES:

1. The dates for the oral presentations will be set at the beginning of Semester 2, in order to provide clarity to all involved, and then advertised to the School at large.
2. The module coordinator will facilitate the process of matching projects to students. They will request project titles and short abstracts from all potential TP project Supervisors, collate them, and will inform the students regarding the availability of projects in the first week of Semester 1.
3. Students and potential TP project Supervisors will be given the indicative schedule and details of assessment for this module at the start of Semester 1.
4. Students should start their project no later than week 3 of Semester 1.
5. The written report will be due by the hard deadline of Friday, on the last week of Semester 2. The Supervisor's assessment form should be sent to the module coordinator no more than 3 weeks later.