

Guidelines for the selection of a MSc project

Guidelines for MSc Photonics students

Student enrolled in the program MSc Photonics at the Abbe School of Photonics, Friedrich Schiller University Jena, have to do the following research projects as part of their studies:

- Module "Internship" during the 2nd semester
- Module "Research Labworks" during the 3rd semester
- Module "Master Thesis" during the 4th semester

In these modules, the students have the opportunity to work in optical research laboratories at the Friedrich Schiller University Jena, the Fraunhofer Institute of Applied Optics, and the Institute of Photonic Technology or in the research labs of the companies associated to the Abbe School of Photonics.

The aim of the Internship (2nd semester) is to get first research experience and to use this opportunity to acquire some orientation in the broad variety of different fields in photonics. The aim of the Research Labwork (3rd semester) and Master Thesis (4th semester) is to apply the knowledge obtained during the lectures to a state-of-the-art research problem. Hence, the topic of the Research Labwork should be directly connected to the topic of the Master Thesis project of the 4th semester and should be performed in the same research group. Hence, students should choose this topic carefully since they will spend a full year on it.

Guidelines for MSc Physics students

Student enrolled in the program MSc Physics at the Faculty of Physics and Astronomy, Friedrich Schiller University Jena, have to do the following research projects as part of their studies:

- Module "Einführung in das wissenschaftliche Arbeiten" during the 3rd semester
- Module "Projektplanung zur Masterarbeit" during the 3rd semester
- Module "Masterarbeit" during the 4th semester

In these modules, the students have the opportunity to work in optical research laboratories at the Friedrich-Schiller-Universität Jena, the Fraunhofer Institute of Applied Optics, and the Institute of Photonic Technology.

The topics of the modules "Einführung in das wissenschaftliche Arbeiten" (3rd semester) and "Projektplanung zur Masterarbeit" in the 3rd semester should be directly connected to the topic of the Master Thesis project of the 4th semester and should be performed in the same research group. Hence, students should choose this topic carefully since they will spend a full year on it. The students should contact the professors or lecturers directly and ask for appropriate topics.