

Modules:

physics700 **Elective Advanced Lectures**
 physics710 **Experimental Physics**

Course:

Intensive Week: Advanced Topics in Photonics and Quantum Optics (E)

Course No.: physics737

Category	Type	Language	Teaching hours	CP	Semester
Elective	Combined lecture, seminar, lab course	English	3	4	WT/ST

Requirements:**Preparation:**

Fundamentals of optics, fundamentals of quantum mechanics

Form of Testing and Examination:

Seminar or oral examination

Length of Course:

1 - 2 weeks

Aims of the Course:

The intensive course will convey the basics of a recent topic in photonics or quantum optics in theory and experiments. Guided by a combination of lectures, seminar talks (based on original publications) and practical training, the participants will gain insight into recent developments in photonics/quantum optics.

Contents of the Course:

Will be given in the bulletin of lectures. The main theme will vary from term to term

Recommended Literature:

Will be given in the lecture