

Intensive Week: Advanced Topics in Photonics and Quantum Optics (E) - physics737

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

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

<i>Course</i>	Intensive Week: Advanced Topics in Photonics and Quantum Optics (E)
<i>Course No.</i>	physics737

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

Requirements for Participation:

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