Module: Elective Advanced Lectures: Experimental Physics

Module No.: physics70a

Course: Intensive Week: Advanced Topics in Condensed Matter Physics (E)

Course No.: physics746

Category	Type	Language	Teaching hours	CP	Semester
Elective	Combined lecture, seminar, lab course	English	2	3	WT/ST

Requirements for Participation:

Preparation:
Fundamentals of condensed matter, 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 condensed matter physics 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 condensed matter physics.

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