

**Modules:**

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

**Course:**

## **Intensive Week: Advanced Topics in High Energy Physics (E)**

**Course No.:** physics719

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

**Requirements:****Preparation:**

Fundamentals of particle physics

**Form of Testing and Examination:**

Seminar talk

**Length of Course:**

1 - 2 weeks

**Aims of the Course:**

This course is about an advanced, current topic in particle physics. The students will gain insights into recent developments in particle physics and participate in lectures, seminars talks and laboratory projects.

**Contents of the Course:**

As announced in the course catalogue. The main topic will vary from semester to semester.

**Recommended Literature:**

Will be given in the lecture.