


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

<b>Course:</b>	 universität <b>bonn</b> i	<b>Lecture on Advanced Topics in Quantum Optics (E)</b>
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Course No.: physics738

Category	Type	Language	Teaching hours	CP	Semester
Elective	Lecture with exercises	English	2+1	4	WT/ST

**Requirements for Participation:**

**Preparation:**

Fundamentals of Quantum Mechanics, Atomic Physics

**Form of Testing and Examination:**

Requirements for the examination (written or oral): successful work within the exercises

**Length of Course:**

1 semester

**Aims of the Course:**

The goal of the course is to introduce the students to a special field of research in quantum optics. New research results will be presented and their relevance is discussed.

**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