


<b>Module:</b>	<b>Elective Advanced Lectures: Experimental Physics</b>
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<b>Module No.:</b> physics70a
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<b>Course:</b>	 universität <b>bonn</b> i	<b>Lecture on Advanced Topics in Quantum Optics (E)</b>
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<b>Course No.:</b> physics738
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Category	Type	Language	Teaching hours	CP	Semester
Elective	Lecture with exercises	English	2+1	4	WT/ST

<b>Requirements for Participation:</b>
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<b>Preparation:</b>
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Fundamentals of Quantum Mechanics, Atomic Physics
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<b>Form of Testing and Examination:</b>
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Requirements for the examination (written or oral): successful work within the exercises
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<b>Length of Course:</b>
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1 semester
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**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