



Quantum Efficiency Seminar und Colloquium

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It's All About MAGIC:

Ion-Trap Experiments in Siegen - Concepts and Recent Results

ABSTRACT: Quantum information processing in ion traps is discussed with an emphasis on microwave manipulation of trapped ions in a magnetic field gradient. This approach allows for interesting applications in quantum computation and quantum simulation. Basic concepts are discussed and an overview of recent experimental results of the Quantum Optics Group in Siegen is given.

Date: **Tuesday, January 17th, 2012 16:15 pm**
Location: **Lecture Hall 1, Hermann-Herder-Str. 3, Freiburg**

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