

COLLOQUIUM

Zentrum für Optische Quantentechnologien

Sommersemester 2011

Wednesday 5 pm, Institut für Laserphysik, Seminar room

- **April 6 – Wolfgang Schleich, Universität Ulm**
Factorization of numbers, Schrodinger cats and the Riemann hypothesis
- **April 20 - Harald Weinfurter, Ludwig-Maximilian Universität München**
Atom-Photon entanglement: basis for long-distance quantum communication and Bell-tests
- **May 4 - Wolfgang Ertmer, Leibniz Universität Hannover**
Number Squeezed Matter Waves
- **May 11 - Gerhard Rempe, Max-Planck Institut für Quantenoptik München**
From Quantum Interconnects to Quantum Internets
- **June 1 - Jean Dalibard, Laboratoire Kastler Brossel, ENS**
Exploring Flatland with cold atoms
- **June 22 - Florian Marquardt, Universität Erlangen**
Optomechanics in the classical and quantum regime
- **July 13 - Vincent Liu, University of Pittsburgh**
Ultracold atoms in the unprecedented regimes of condensed matter