

COLLOQUIUM

Zentrum für Optische Quantentechnologien

Wintersemester 2010/2011

Wednesday 5 pm, Institut für Laserphysik, Seminar room

- ◆ **October 27 – Martin Weitz, Universität Bonn**
Laser cooling by collisional redistribution of radiation
- ◆ **November 11 – Vladan Vuletic, MIT Boston**
Squeezed atomic clock below the standard quantum limit
- ◆ **November 24 – Christophe Salomon, ENS Paris**
From ultracold Fermi gases to neutron stars
- ◆ **December 8 – Hanns-Christoph Nägerl, Universität Innsbruck**
Quantum engineering at nanokelvin temperatures: Quantum phase transitions, strong correlations and novel many-body systems
- ◆ **December 15 - Achim Rosch Universität Köln**
Dynamics of ultracold Fermionic atoms in optical lattices
- ◆ **January 12 – Trey Porto, NIST Gaithersburg**
Coherent control of atoms in a double-well optical lattice
- ◆ **January 26 – Andreas Wallraff, ETH Zürich**
Cavity QED with superconducting circuits: Measuring microwave Photon correlations