

QCCC MINIWORKSHOP ON OPTOMECHANICS



Thursday, 22. 7. 2010

Venue:

Herbert-Walther Hörsaal, Max-Planck Institut für Quantenoptik ,
Hans-Kopfermann-Strasse 1, 85748 Garching

Program

- 10.15 - 11.00: Prof. Florian Marquardt (Universität Erlangen), *Dynamics of optomechanical arrays and multimode structures*
- 11.00 – 11.30: *Coffee break*
- 11.30 – 12.15: Dr. Witlef Wiczorek (Universität Wien), *Quantum optical control of a micromechanical oscillator*
- 12.15 - 13.00: Christian Sames (MPQ Garching), *Observing and Cooling the Motion of an Atom inside a High-finesse Optical Resonator*
- 13.00 – 13.45: *Lunch break*
- 13.45 – 14.30: Dr. Oriol Romero-Isart (MPQ Garching), *Levitating nano-dielectrics in the quantum regime: theory and protocols*
- 14.30 – 15.15: Prof. Tobias Kippenberg (ETH Zürich), *t.b.a.*
- 15.15: *Coffee break and closing discussion*

