



## QUANTOP Center Meeting

**Time:** June 9, 2004, 10:30-15:30

**Place:** 525-323

### Progress reports

Anders Bertelsen, *State-selective photo-dissociation of translational cold  $MgH^+$*  (15 min)

Anders S. Mouritzen, *Quantum Tomography of Small Perturbations in BEC* (15 min)

Anders V. Mortensen, *Status of the quantum memory trap project* (15 min)

Brian Julsgaard, *Quantum memory for light* (25 min)

Ditte Møller, *Status of the quantum logic project* (15 min)

### Lunch at 12:30 in the cantina at the Department of Chemistry

Ivan Vogelius, *Molecular rotational cooling schemes* (15 min)

Janus Wesenberg, *Mean mean values - The field inside a random distribution of parallel dipoles* (15 min)

Jonas Schou Neergaard-Nielsen and Christian Hettich: *Nonclassical light source: towards a single photon source* (15 min)

Jörg Helge Müller, *Atom-light coupling on  $1 \rightarrow 1'$  and  $1 \rightarrow 2'$  transitions* (15min)

Michael Budde, *Spatial statistics of fermions and fermionized bosons* (approx 30 min.)

All interested are welcome to attend the meeting.

Eugene Polzik