



C.N.R. – INFM

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SCIENTIFIC PROGRAMME DURING ERIC CORNELL'S VISIT

Monday 13 November 2006

10.0.10.30 Get-together and coffee

10.30-11.00 Iacopo Carusotto: Cherenkov radiation in BEC's

11.00-11.15 Discussions

11.15-11.45 Franco Dalfovo: Excitations in rings and optical lattices

11.45-12.00 Discussions

12.00-12.30 Augusto Smerzi: Quantum interferometry

12.30-12.45 Discussions

15.00-16-00 Mauro Antezza, PhD defense: Thermal dependence of the Casimir-Polder-Lifshitz force and its effect on ultracold gases

16.00-16.30 break

16.30.18.0 Informal discussions on Casimir forces

Tuesday 14 November 2006

10.00-10.30 Giacomo Roati: LENS projects on Casimir forces

10.30-11.00 Coffee break

11.00-12.30 Informal discussions on Casimir forces

15.00-16.00 Eric Cornell: Colloquium
Progress towards an improved limit on the electron electric
dipole moment using trapped molecules