



UNIVERSITÀ DEGLI STUDI
DI TRENTO

Dipartimento di Fisica



INO-CNR
ISTITUTO
NAZIONALE DI
OTTICA



Joint Meeting Trento-Florence

Monday 19 March 2012

University of Trento, Polo F. Ferrari, via Sommarive 5, Povo (room A105)

- 9.30 -10.30 **Prof. Antoine Georges** - *Collège de France*
Interplay of Dissipation and Interactions in Cold Atomic Systems
- 10.30-11.00 *Break*
- 11.00 -12.00 **Prof. Massimo Inguscio** - *LENS and University of Florence*
Disorder Physics with Ultracold Atoms
- 12.30 *Lunch break*
- 14:00-14:20 **Florian Schaefer** - *Florence*
Yb BEC in Florence
- 14:20-14:40 **Marta Abad** - *Trento*
Quadrupole Oscillation in a Dipolar Fermi Gas: Hydrodynamic vs Collisionless Regime
- 14:40-15:00 **Eleonora Lucioni** - *Florence*
Experiments with Interacting Bosons in a Disordered Lattice
- 15:00 - 15:40 *Break*
- 15:40-16:00 **Stefano Giorgini** - *Trento*
BCS-BEC Crossover in a 2D Fermi Gas
- 16:00-16:20 **Pietro Lombardi** - *Florence*
Reading the Relative Phase Between Two Laser Pulses with a Multi-path Atom Interferometer
- 16:20-16:40 **Robin Scott** - *Trento*
Zoology of a Soliton in the BEC-BCS Crossover: Decay, Collisions, and the Snake Instability
- 16:40-18:30 Discussion

Tuesday 20 March 2012

University of Trento, Bec Center, Department of Physics, via Sommarive 14, Povo

9.00 – 12.00 **Round table and informal discussions**

Chairman: Dr. Gabriele Ferrari

Lunch

14.00-16.00 Round table and informal discussions

Chairman: Dr. Jacopo Catani

Departure

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