



Workshop on:

Quantum gases: present and future perspectives

24th April 2015
Aula Querzoli, LENS

PROGRAM

9.00-9.15: Introduction (Prof. Massimo Inguscio and Prof. Sandro Stringari)

9.15-9.45: Giacomo Lamporesi - Creation and dynamics of solitonic vortices in elongated BEC's

9.45-10.15: Elettra Neri - Coherent and dissipative dynamics of superfluid Fermi gases through a thin barrier.

10.15-10.45: Guido Pagano - Observation of Chiral edge states in synthetic dimensions with two-electrons fermions.

10.45-11.15: COFFEE BREAK

11.15-11.45: Hannah Price - Quantum Mechanics with a Momentum-Space Artificial Magnetic Field: The Harper-Hofstadter Model in a Harmonic Traps.

11.45-12.15: Andreas Trenkwalder - Atomic Bose Einstein Condensates with tunable interactions in a double well potential.

12.15-12-45: David Papoular - Shortcut to adiabaticity for an anisotropic 2D Bose gas containing defects.

13.00-14.00: LUNCH

14.00- OPEN DISCUSSIONS

20.00 DINNER



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