



Workshop on:

Quantum gases: present and future perspectives

24th April 2015
Aula Querzoli, LENS

Invited contributions:

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

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

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

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

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

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

Local Organizers:

M. Zaccanti (zaccanti@lens.unifi.it)

J. Catani (catani@lens.unifi.it)

G. Roati (giacomo.roati@ino.it)



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