



*School on Quantum Phase Transitions  
and  
Non-Equilibrium Phenomena in Cold Atomic Gases*

11 - 22 July 2005

**POSTER SESSION ON 13 JULY 2005**

<b>Poster presented by:</b>	<b>TITLE</b>
Alves de Lima Henn, Emanuel	Production of topological coherent modes in a Rb87 BEC
Antezza, Mauro	Casimir-Polder force out of thermal equilibrium
Catarino, Nuno Ricardo	Renormalization and quantum scaling of Frenkel-Kontorova models
Cheng, Chi Ho/Yip, Sungkit	Anisotropic Fermi superfluid via p-wave Feshbach resonance
Clement, David Albert	BEC dynamics in random potential
Cozzini, Marco	Homogeneous vortex lattices in rotating Bose-Einstein condensates
del Campo, Adolfo	Matter wave pulse characteristics
El-Orany, Faisal Aly	The revival-collapse phenomenon in the quadrature squeezing of the multiphoton JCM
Gangardt, Dimitri	1-body density matrix of impenetrable bosons
Hai, Wenhua	Exact solutions of a two component BEC interacting with a lattice potential
Jolad, Shivakumar	Superfluidity in solid He4
Ojeda, Claudia Marcela	Perturbative approach to non linear differential equations
Palmer, Rebecca Natalie	Bosonic quantum Hall analogues
Peletminsky, Alexander	On the question of spatially periodic phase of weakly interacting Bose gas
Quintanilla, Joge	Atom shot noise correlations and BCS to BEC
Rizzi, Matteo	DMRG study of spin-1 Bose-Hubbard chain



Rodrigues de Oliveira, Thiago	Stern-Gerlach interferometer
Romans, Matheus W. J.	BEC-BCS crossover near a Feshbach resonance
Sanchez-Palencia, Laurent	Bose-Einstein condensates in optical quasicrystals
Snoek, Michiel	Ultracold superstrings
Tkachenko, Olena	Study of temperature dependence of a $\lambda$ -transition of He4 inside carbon nanotube
Wallet, Jean-Christophe	Anyonic excitations in fast rotating 2D Bose gases
Wouters, Michiel	Formation of molecules in the presence of a 1D optical lattice