

Summer School on Novel Quantum Phases and Non-equilibrium Phenomena in Cold Atomic Gases

27 August - 7 September 2007

POSTER SESSION ON 4 SEPTEMBER 2007

Poster presented by:	Title:	
Aikawa	Kiyotaka	Towards evaporative cooling of potassium atoms
Alvarez	Gonzalo A.	Directional polarization transfer in a branched spin network
Bhat	Rajiv	Hall effects in BECS in rotating lattices
Calvo	Hernan	Time-reversal mirror for quantum systems
Franchini	Fabio	Entropy in the XY model
Gommers	Ralf	Symmetry and transport in cold atom ratchets
Hu	Hui	Universal thermodynamics of strongly interacting Fermi gases
Lesanovsky	Igor	Dipolar mesoscopic crystal in a gas of dressed atoms
Liu	Xiaji	Polarized Fermi gases in one dimension
Mishra	Tapan	Phase separation in two species Bose-mixture
Möller	Gunnar	Charge density waves and supersolidity in rapidly rotating Fermi gases
Müller	Markus	Rydberg physics in an ion trap
Nakajima	Shuta	All optical production of molecular BEC of ${}^6\text{Li}$ atoms toward exploring strongly correlated quantum gases
Nunnenkamp	Andreas	Bosons in rotating rings and double well lattices
Nygaard	Nicolai	Feshbach molecules in a one-dimensional optical lattice
Palestini	Fabrizio	Energy of a homogenous ultracold Fermi gas in the BCS-BEC crossover

Quintanilla	Jorge	Realising deconfinement with dipolar fermions
Ray	Ayan	Investigation of EIT in "V" systems of Cs atom
Rico Ortega	Enrique	Valence bond states and links models
Silva	Alessandro	Measuring entanglement entropies in manybody systems
Smith	David	Bose-Fermi mixtures on an atom chip
Strohmaier	Niels	Transport of an interacting Fermi gas in an optical lattice
Tezuka	Masaki	Density-matrix renormalization group study of trapped unbalanced Fermi superfluid
Titvinidze	Irakli	Supersolid phase in the Bose-Fermi mixture
Tokuno	Akiyuki	Universal phenomena in Y junctions and ring interferometers for Bose liquids
Toth	Emese	Correlation function of Boson in optical lattice
Trefzger	Christian	Dipolar atoms in optical lattices
Turner	Ari	Symmetry of spinor atoms
Zhou	Qi	Intrinsic heating and cooling of Bosons in optical lattice
Zhou	Xiaoji	Super radiance in BEC
Zöllner	Sascha	Few bosons in 1-D double wells