Joint Meeting Innsbruck-Trento on Ultracold Bose and Fermi Gases
Erwin-Schrödinger Saal (IQOQI) Innsbruck, November 30th, 2007

Programme

Morning Session:

10.00-10.30  Coffee and get-together

10.30-11.00  Ingrid Bausmerth (Trento)
“Breaking resonant superfluidity at T=0 by rotation”

11.00-11.30  Stefan Riedl (Innsbruck)
“A rotating strongly interacting Fermi gas”

11.30-12.00  Michael Urban (Orsay)
“Temperature effects in collective modes of superfluid trapped Fermi gases”

Lunch break

Afternoon Session:

14.00-14.30  Devang S. Naik (Innsbruck)
“Exploring an ultracold Fermi-Fermi mixture: Interspecies Feshbach resonances and scattering properties of 6Li and 40K”

14.30-15.00  Sebastiano Pilati (Trento)
“Phase separation in a polarized Fermi gas at zero temperature”

15.00-15.15  Karl Pilch (Innsbruck)
“Heteronuclear Feshbach resonances in a mixture of ultracold Rb and Cs”

Coffee break

15.45-16.15  Mattias Gustavsson (Innsbruck)
“Controlling Interaction-Induced Dephasing of Bloch Oscillations”

16.15-16.45  Luca Pezzè (Trento)
“Entanglement, Non-Linear Dynamics and Heisenberg Limit with Bose-Einstein Condensates”

16.45-17.15  Selim Jochim (Heidelberg)
“Towards a mesoscopic ensemble of ultracold fermions”

17.15-17.45  Iacopo Carusotto (Trento)
“The non-equilibrium Bose-Einstein condensation phase transition in microcavity polariton systems”

18.30  City tour
19.30  Meeting dinner at the Gasthof Gruber (Innrain 22)