



International Seminar on Current Trends in Quantum Gases, BEC and Solitons



Department of Physics, Panjab University, Chandigarh

3–6 March 2014

The Seminar, sponsored by the Department of Science and Technology, Govt. of India through TPSC Advanced Research Workshop Programme, Indian National Science Academy, New Delhi and UGC Unassigned Grant of Panjab University, Chandigarh, aims to provide a platform for discussion and expose young researchers to the new development in the field of Bose-Einstein condensation in trapped atomic gases and soliton physics. This programme, second in the series, will provide an opportunity to the faculty and young researchers who have been working or are planning to work in this area.

TOPICS

- Trapped quantum gases
- Disorder and dipolar BEC
- Optical lattices
- Ultracold fermions
- Spin-orbit coupling in quantum gases
- Bose-Fermi mixtures
- Solitons

Applications for participation from Indian or foreign young researchers (senior PhDs and young faculty members) are invited by email in the prescribed form. There is no registration fee. The number of seats is restricted to 40. Apply before 20 December 2013. Registration form and other details are available at the website given below.

ADVISORY COMMITTEE

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TENTATIVE LIST OF SPEAKERS

Arup Banerjee (CAT, Indore)
A. Bhattacharjee (Delhi Univ., Delhi)
J. Bosse (Freie Univ., Berlin)
B. Dey (Univ. of Pune, Pune)
T.K. Ghosh (IIT, Kanpur)
P. Muruganandam (BDU, Tiruchirapalli)
Vasant Natarajan (IISc, Bengaluru)
H. Ott (Kaiserslautern Univ., Germany)
P.K. Panigrahi (IISER, Kolkata)
A. Pelster (Kaiserslautern Univ., Germany)
H. Ramachandran (RRI, Bengaluru)
Umakant D. Raypol (IISER, Pune)
Carlos A.R. Sa de Melo (Georgia Tech, USA)
V.B. Shenoy (IISc, Bengaluru)
G.S. Singh (IIT, Roorkee)
W. Zhang (Renmin Univ., Beijing)