

Rajdeep Sensarma

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Mumbai - 400005, Maharashtra, India.

EMPLOYMENT

- **Reader:** 2012-present
Department of Theoretical Physics,
Tata Institute of Fundamental Research,
Mumbai, India.
- **Post Doctoral Fellow:** 2009-present
Condensed Matter Theory Center, Physics Department, University of Maryland,
College Park, Maryland, USA.
- **Post Doctoral Fellow:** 2007-2009
Physics Department, Harvard University ,
Cambridge, Massachusetts, USA.

EDUCATION

- **B.Sc. (Physics):** 1998-2001
Presidency College, Calcutta University,
Calcutta, India.
- **M.S. (Physics):** 2001-2004
Department of Theoretical Physics, Tata Institute of Fundamental Research,
Mumbai, India.
Thesis Advisor : Prof. Mohit Randeria.
Thesis Topic: *A Variational Study of Superconducting State in High Tc Cuprate Superconductors.*
- **Ph.D.:** 2005-2007
Physics Department, Ohio State University,
Columbus, Ohio ,USA.
Thesis Advisor : Prof. Mohit Randeria.
Thesis Topic: *A Theoretical Study of Strongly Interacting Superfluids and Superconductors.*

RESEARCH INTERESTS

- Ultracold Atoms on Optical Lattices
- Ultracold Fermi Gases : BCS - BEC Crossover
- Electronic correlations in Graphene
- High Temperature Superconductors

INVITED TALKS

- IISER Bhopal, India (2013)
- Chandrasekhar Discussion Meeting, ICTS Bangalore, India (2012)
- International Conference on Novel and Emerging Materials, Kolkata, India (2011).
- International School and Conference on Cold Atoms and Ions, Sankarpur, India (2010)
- Indian Condensed Matter Workshop, Mahabaleshwar, India (2008).
- Saha Institute of Nuclear Physics, Calcutta, India (2006).
- S.N. Bose National Center for Basic Sciences, Calcutta, India (2006).