



NATIONAL WORKSHOP ON RECENT ADVANCES IN STRONGLY CORRELATED ELECTRONIC MATERIALS

February 8-10, 2017

ADVISORY COMMITTEE

- S. K. Joshi, NPL Delhi
- I. Bose, Bose Institute, Kolkata
- E. V. Sampathkumaran, TIFR Mumbai
- D. Kanjilal, IUAC New Delhi
- S. Basu, BARC Mumbai
- D. K. Aswal, NPL Delhi
- A. Taraphder, IIT Kharagpur

Scope

- Quantum magnets and frustrated magnetic systems
- Multiferroic systems
- Low dimensional electronic systems
- Superconductivity
- Spin charge and orbital ordering
- Thin films and multilayers
- Topological insulators

Sponsored by



ABOUT THE WORKSHOP

The workshop aims to cover the recent developments in the area of strongly correlated electronic materials. These materials have played a dominant role in condensed matter physics and pose the most exciting and challenging problems. The scope of strongly correlated materials is very broad. Focus of the workshop will be on the most recent challenges like topological insulators, multiferroic materials, high- T_C superconductivity, quantum phenomenon at the artificial interfaces. This workshop shall provide a common platform to exchange ideas and identify cutting edge problems in the area of strongly correlated electronic materials.

Registration Details:

Fee: Rs. 2000.00 (Faculty), Rs. 1000.00 (Students)

Participants should submit abstracts as per attached format to: workcorrel@gmail.com

Last date of abstract submission: January 15, 2017

Travel Plan:

Participants should submit their travel plan and request for accommodation to:

travelcorrel@gmail.com

Travel Grant:

Travel grant may be provided to few students. A request along with a recommendation from supervisor should be sent in advance. Recommendation should state clearly that student does not have access to funding from other sources.

Organizer

DEPARTMENT OF PHYSICS

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Dr. Tulika Maitra
(Convener)

Dr. Vivek K. Malik
(Co-convener)