

16th IACS-APCTP-INST Joint Activity on Novel Quantum Phases in Oxide Materials and Low-Dimensional Systems

24th to 26th October 2025.

Venue:

Institute of Nano Science
& Technology(INST) ,
Mohali, Punjab, India



Jointly organized by
INST, Indian Association
for the Cultivation of
Science (IACS), Kolkata,
and Asia Pacific Center
for Theoretical Physics
(APCTP), Korea.

This event is conceived as a vibrant forum dedicated to the exploration of contemporary frontiers in '**quantum materials**'. The program will encompass, but not be limited to, discussions on strongly correlated electron systems, topological phases, two-dimensional quantum materials, emergent magnetic phenomena, thermoelectric systems, and novel energy-functional materials.

The principal aspiration of this gathering is to cultivate profound academic discourse and to catalyze collaborations between distinguished researchers from India and South Korea, as well as other parts of the Asia-Pacific scientific community.

Invited Speakers:

Ajay Kumar Shukla, CSIR-NPL	Dipankar Mandal, INST Mohali	Kwon Park, KIAS, South Korea	Sangkook Choi, KIAS, South Korea
Angshuman Nag, IISER Pune	Jaejun Yu, Seoul National University, South Korea	Mandar M. Deshmukh TIFR, Mumbai	Sayantika Bhowal, IIT Bombay
Arindam Ghosh, IISc Bengaluru	Jun Sung Kim Postech, South Korea	Nitesh Kumar, SNBNCBS, Kolkata	Sunil Nair, IISER Pune
Chan Ho Yang KAIST, South Korea	Kee Hoon Kim, Seoul National University, South Korea	Rajeev Ahuja, IIT Ropar	Tanusri Saha Dasgupta, SNBNCBS, Kolkata
Sugata Ray, IACS, Kolkata		Ramendra Sundar Dey, INST Mohali	Yunkyu Bang ,APCTP, South Korea

Organizing committee:

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