



# NATIONAL SYMPOSIUM

ON

## **QUANTUM INFORMATION AND FOUNDATIONS (NSQIF2025)**

**February 20-21, 2025**

Organized by

**Physics & Applied Mathematics Unit, Indian Statistical Institute, Kolkata, India**



**AIMS & OBJECTIVES:** The aim of this program is to provide the desired opportunity of numerous interactions among the Indian researches of different domain within the scope of quantum information and foundations (QIF) and those employing QIF as tool in various fields of knowledge. With this view, NSQIF2025 will focus on topics related to the interface of quantum information and other related areas in addition to fundamental issues of quantum mechanics and quantum information theory.

### Advisory Committee

**Prof. Archan S. Majumdar**

SNBNCBS, Kolkata

**Prof. Debasis Sarkar**

University of Calcutta, Kolkata

**Prof. Somshubhro Bandyopadhyay**

Bose Institute, Kolkata

**Dr. Indrani Chattopadhyay**

University of Calcutta, Kolkata

**Dr. Naqueeb Ahmad Warsi**

ISI, Kolkata

### Organizing Committee

**Prof. Guruprasad Kar**

**Prof. Preeti Parashar**

**Dr. Swapan Rana (Convener)**

**Dr. Ramij Rahaman (Convener)**

ISI, Kolkata

### Topics

- Quantum Networks
- Quantum Non-locality and its applications
- Quantum Correlations
- Quantum Resource Theory
- Quantum Metrology
- Quantum Computation
- Quantum Cryptography
- Quantum Channel
- Experimental manifestations of quantum systems
- Open Quantum Systems

### Deadlines

**Abstract Submission: 01<sup>st</sup> February, 2025**

**Registration: 04<sup>th</sup> February, 2025**

**Registration Fees: Rs. 1000/-**

*(including GST)*

**For registration & abstract submission:**

<https://www.isical.ac.in/~pamu/nsqif2025>

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**Correspondence:** *Conveners, NSQIF-2025, Physics & Applied Mathematics, Indian Statistical Institute,  
203 B.T. Road, Kolkata 700108, India.*

Email: [nsoqif@gmail.com](mailto:nsoqif@gmail.com), Tel. No. : 033 2575 3020; Website: <https://www.isical.ac.in/~pamu/nsqif2025/>