



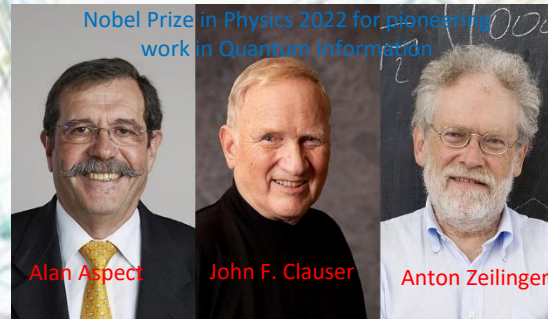
TOPICAL RESEARCH SCHOOL ON QUANTUM FOUNDATION AND QUANTUM INFORMATION 2023 (TRSQFQI2023)

Organized by

Department of Physics, A B N Seal College, Cooch Behar
in collaboration with
S N Bose National Centre for Basic Sciences, Kolkata



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for registration



More than 15
Distinguished Resource
Persons, Formal and
Informal Discussions

Date: 14/03/2023 to
16/03/2023
Time: 11AM to 5PM
Venue: Vidyasagar
Sabhagriha, Centenary
Building

Registration charges-
Students-Rs 200/-,
Research Scholars-300/-
, Faculty members-Rs
500/-

Topic of Lectures:
• Quantum Foundation
• Quantum Information,
Communication, Application
• Quantum Games and
Recent Development

Some Distinguished Resource
Persons:
Prof. Sibasish Ghosh, IMSC,
Tamilnadu
Prof. Archan S Majumder,
SNBNCBS, Kolkata
Prof. Guruprasad Kar, ISI, Kolkata

Inauguration by Sri Pawan Kadyan, District Magistrate, Cooch Behar

Patron: Dr. Nilay Ray, Principal, ABNSC, Cooch Behar; *Chairman:* Dr. Archan S Majumdar, Senior Professor, SNBNCBS, Kolkata.
Vice Chairman: Dr. Manik Banik, Associate Professor, SNBNCBS, Kolkata; Dr. Arijit Chakraborty, Coordinator, IQAC, ABNSC, Cooch Behar; *Convener:* Dr. Sankar Mandal, HOD, Department of Physics, ABNSC, Cooch Behar

Organizing Secretary: Dr. Arup Roy, Assistant Professor, ABNSC, Cooch Behar; *Treasurer:* Chayan Saha, Assistant Professor, ABNSC, Cooch Behar; *Organizing Members:* Suchismita Maiti, Assistant Professor, ABNSC, Cooch Behar; Abu Bakkar Siddik, Assistant Professor, ABNSC, Cooch Behar; Dr. Prithwijita Ray, Assistant Professor, ABNSC, Cooch Behar

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Program Schedule

14/03/2023 9.30 -10.30 A.M: Registration

10.30-11.00 A.M: Inauguration of the Program by Shri Pawan Kadyan, District Magistrate, Cooch Behar

Felicitation of the Guests.

Lightening the Lamp

Address by the Guests

Technical Session :

	11AM-12 Noon	12Noon-12:15 PM	12:15 PM-1PM	1PM-2PM	2PM-3PM	3PM-4PM	4PM-4:15PM	4:15PM-5PM
14/3/2023	Dr. Archan S Majumdar, Senior Professor, Former Dean, SNBNCBS Topic : Peculiarity of Quantum Measurement	Tea Break	Ananda Das Bhowmik, Senior Research Fellow, ISI, Kolkata, Topic: Why Quantum Mechanics is Special	Dr. Rajjak Gazi, A J C Bose Polytechnic College, Topic: Mathematical Framework of Quantum Mechanics	Lunch	Dr. Tamal Guha, Scientist, University of Hongkong Topic: Do you want to enjoy the power of Quantum mechanics in information processing tasks	Tea Break	Dr. Samir Kunkri, Associate Professor, Mahadebananda Mahavidyalaya
15/3/2023	Dr. Debasis Sarkar, Senior Professor, University of Calcutta Topic: Mathematical Framework of Entanglement Theory	Tea Break	Dr. Guruprasad Kar, Senior Professor, ISI, Kolkata Topic: Hidden Variable Theory, Bell's Theorem, Quantum Foundation	Dr. Guruprasad Kar, Senior Professor, ISI, Kolkata Topic: Hidden Variable Theory, Bell's Theorem, Quantum Foundation	Lunch	Dr. Ramij Rahaman, Assistant Professor, ISI, Kolkata Topic: Cryptography and Quantum Mechanics	Tea Break	Dr. Subhadipa Das, Assistant Professor, Harimohan Ghosh College, Kolkata, Topic: Can physical principle address Quantum Mechanics
16/3/2023	Dr. Somsuvro Bondyopadhyay, Professor, Bose Institute, Kolkata, Topic: Entanglement as resource in LOCC	Tea Break	Dr. Manik Banik, Associate Professor, SNBNCBS Topic : Primitives of Quantum Information	Dr. Sibasish Ghosh, Dean, Senior Professor, IMSC, Tamilnadu, Topic: Quantum Operation and Quantum Channel	Lunch	Dr. Mir Alimuddin, Chanakya Postdoc Fellow, SNBNCBS Topic : Various Surprising Quantum Information Processing Tasks	Tea Break	4.15-4.45 P.M; Sutapa Saha Senior Research Fellow, Extended Topic: When Quantum Mechanics assimilate Probability Theory 4.45-5.15 P.M; Suvendu Bikash Ghosh, Senior Research Fellow, ISI, Kolkata, Topic: Modern Quantum Research in Probability Space