



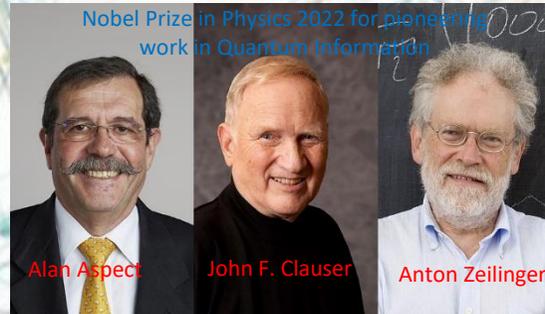
# TOPICAL RESEARCH SCHOOL ON QUANTUM FOUNDATION AND QUANTUM INFORMATION 2023 (TRSQFQI2023)

Organized by

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



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