

National Symposium
ON
Recent Trends in Quantum Theory 2017(RTQT17)
March 09-10, 2017



Organized by
Department of Applied Mathematics
University of Calcutta
92, A. P. C. Road, Kolkata-700009

Sponsored by
UGC-DSA SAP Phase-III and University of Calcutta

Objective:

Quantum Theory is the theoretical basis of modern physics that explains the behavior of matter and energy on the atomic and subatomic level. The behavior and nature of matter and energy at that level is generally referred to as quantum mechanics and quantum physics. Proper understanding of quantum theory is a challenge to the scientific community for a long time. This part of research is known as foundations of quantum mechanics. In recent days, a new subject has developed with the fusion of three disciplines, quantum mechanics, information theory and computer science. It is commonly designated as quantum information and computation. The main themes of the symposium are: (i) quantum foundations and (ii) quantum information and computation. The basic aim of this symposium is to provide an opportunity for the students and scholars to discuss recent developments with the leading Indian scientists in this field.

Tentative List of Invited Speakers:

1. Prof. Arun K. Pati (Harish Chandra Research Institute (HRI), Allahabad) (confirmed)
2. Prof. Pankaj Agarwal (Institute of Physics (IOP), Bhubaneswar)(confirmed)
3. Prof. Sibashish Ghosh (Institute of Mathematical Sciences (IMSc), Chennai) (confirmed)
4. Dr. Ujjwal Sen (Harish Chandra Research Institute (HRI), Allahabad) (confirmed)
5. Dr. Aditi Sen(De)(Harish Chandra Research Institute (HRI), Allahabad) (confirmed)
6. Prof. Anirban Pathak (JIIT, Noida)(confirmed)
7. Dr. Alok. K. Pan (NIT, Patna)(confirmed)
8. Dr. Ramij Rahaman (University of Allahabad)(confirmed)
9. Prof. Guruprasad Kar (Indian Statistical Institute, Kolkata)(confirmed)
10. Prof. Archan S. Majumdar (S.N. Bose National Center for Basic Sciences, SaltLake)(confirmed)
11. Dr. Somshubhro Bandyopadhyay (Bose Institute, Kolkata)(yet to confirm)

Call for papers: Original research papers are invited for presentation in the symposium. Participants are requested to send abstract in MS Word format along with the filled in registration form in the following e-mail address within 20th February, 2017.

e-mail: rtqt17@gmail.com

Organizing Committee:

Prof. Sanjay Sen
Prof. Tripti Chakrabarti
Prof. Susmita Sarkar
Prof. Krishna Kundu
Prof. Tanuka Chattopadhyay (Head of the Department)
Prof. Debasis Sarkar(Co-ordinator, SAP)(Convener)
Prof. Suma Debsarma
Prof. Mridula Kanoria
Prof. Samiran Ghosh
Dr. Swarup Poria
Dr. Soumen De
Dr. Indrani Chattopadhyay(Assistant Convener)
Dr. Nantu Sarkar
Dr. Uttam Ghosh

Registration Fee: Registration Fee:

Ph.D students: Rs.500/-

College and University faculty members: Rs. 1000/-

Due to paucity of funds participants are requested to bear their own travel cost and accommodation charges.

Contact:

1. Prof. Debasis Sarkar (Convener) : 9830921440
2. Dr. Indrani Chattopadhyay (Assistant Convener): 9836443128

e-mail: rtqt17@gmail.com

REGISTRATION FORM

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- 1. Name
- 2. AgeSex (M/F)
- 3. Present position
- 4. Affiliation
- 5. a)Address for correspondence
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b) E-mail
c) Mobile.....
- 6. Area of interest
- 7. Title of the paper
.....
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Signature of the Applicant

Place:

Date: