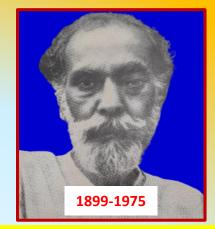


TWO DAY NATIONAL CONFERENCE ON "RECENT TRENDS IN PHYSICS AND MATHEMATICS" TO CELEBRATE 125TH BIRTH ANNIVERSARY OF PROFESSOR KULESH CHANDRA KAR



Prof. K C Kar, Founder Director, CITP

Organized by **Calcutta Institute of Theoretical** Physics, Kolkata

Date: 22nd & 23rd October, 2024

Venue: PC MAHALANABIS AUDITORIUM, PRESIDENCY UNIVERSITY, KOLKATA

Professor K C Kar was an outstanding theoretical physicist and an eminent and dedicated educationist, who had spent most of his formal working period as a teacher in Presidency College (now known as Presidency University), Kolkata, with some short stints at Scottish Church College, Kolkata and Serampore College and Rajshahi College. This part of his life spanned three decades of twentieth century extending from the early twenties to the mid-fifties. His active life, however, extended well beyond that. He converted his residence at Mohan Bagan Lane, Kolkata to a small working institution which he named "Institute of Theoretical Physics" and initiated the publication of a journal titled "Indian Journal of Theoretical Physics" in 1953. The Institute that he founded is still functional and is known as "Calcutta Institute of Theoretical Physics". Prof. Kar has been an inspiring figure for generations of aspiring physicists and certainly one of that elite group of Bengali scientists who made science in Bengal competitive with the rest of the world at times which can be described as "difficult".

Kulesh Chandra Kar was very much interested in research and came in contact with Professor C V Raman from whom he received encouragement to carry out research in Indian Musical Instruments in 1922. Next he turned attention towards statistical mechanics and soon mastered over the subject. His researches in theoretical physics covered over a wide spectrum of subjects like Acoustic Physics, Wave statistics, Nuclear and Particle Physics, and Theory of Relativity. During his career he published 123 scientific papers in different journals of national and international repute. He also published five books on some special topics of Physics for advanced learners.

The year 2024 marks 125th Birth Anniversary of Prof. K C Kar. To celebrate this special occasion we have planned to organize 2-days National Conference where distinguished scientists from different research institutes of India will be invited to present some current topics.

DISTINGUISHED RESOURCE PERSONS

PROF. PARTHASARATHI MITRA, Ex-Professor SINP, Kolkata

QUANTUM STATISTICS

KEYNOTE ADDRESS

PROF. JAYANTA KUMAR BHATTACHARJEE, Visiting Faculty, IIT, Kanpur PROF. SUNANDA BANERJEE, INSA Senior Scientist, IACS, Kolkata **HIGH ENERGY PHYSICS**

PROF. DHIRANJAN ROY, Ex-Professor, JU, Kolkata

INTRODUCTION TO DIVERGENCE SERIES AND ITS

TOPICS

APPLICATIONS TO PHYSICAL PROBLEMS

PROF. ARNAB RAI CHAUDHURI, IISc, Bangalore

SOLAR MAGNETO-HYDRODYNAMICS

PROF. INDRANI BOSE, Ex-Professor, Bose Institute, Kolkata

BIOLOGICAL PHYSICS

PROF. SOUMITRA SENGUPTA, AKRC Chair Professor, IACS, Kolkata

QUANTUM GRAVITY

PROF. ADITI SEN DE, Senior Professor, HRI, Allahabad

OUANTUMCOMMUNICATION

ADVISORY COMMITTEE

PROFESSOR JAYANTA KUMAR BHATTACHARJEE, IIT,KANPUR & DIRECTOR,CITP
PROFESSOR INDRANI BOSE, BOSE INSTITUTE, KOLKATA
PROFESSOR SUMIT RANJAN DAS, UNIVERSITY OF KENTUCKY, USA
PROFESSOR ARNAB RAI CHOUDHURI, IISC, BANGALORE
PROFESSOR ADITI SEN DE. HRI, ALLAHBAD
PROFESSOR PRITAM DEB, TEZPUR UNIVERSITY, ASSAM
PROFESSOR JOYDEEP CHOWDHURY, JU, KOLKATA
PROFESSOR SAMIRAN GHOSH, C U, KOLKATA
PROFESSOR GOPAL CHANDRA SHIT, JU, KOLKATA
PROFESSOR ANUP BANDYOPADHYAY, JU, KOLKATA

ORGANISING COMMITTEE

From CITP, Kolkata

Dr. P R Ghosh, Vice-President, Prof. D C Sanyal, Chief Editor,
Dr. Arup Roy, EC Member, Dr. M K Chakrabarti, Convener,
Prof. Indira Ghosh, EC Member, Dr. Subhendu Chandra, EC Member,
Dr. Mohsin Islam, Member, Dr. Susil Kumar Sarkar, Secretary,
Dr. Parthasarathi Majumdar, Asst. Secretary
From Presidency University, Kolkata
Prof. Arunava Chakrabarti, HOD, Physics
Dr. Ratna Koley
Dr. Debasish Datta

REGISTRATION

Teachers/ Academicians: Rs. 300/-

Research Scholars: Rs. 150/-

UG and PG students: Rs. 50/-(Max Number limited to 50)

Deadline: 15th October, 2024

Bank Details: Bank's Name-SBI, Branch- Shymbazar, A/C No.34344007989, IFSC Code-

SBIN0000180

Please send the receipt of payment of Registration fee by Whatsapp No. 8910468934

Contact Persons

Dr. Susil Kumar Sarkar, Mob. No. 8910468934 e-mail: susilvcsarkar@gmail.com
Dr. Mrinal Kanti Chakrabarti, Mob. No. 9433826863 e-mail: mkchakra@gmail.com

Link for registration (for all the participants): https://forms.gle/4AvKshr9qWVqva9h7