

Applied Linear Algebra, Probability and Statistics (ALAPS 2023)

(Hybrid Mode)

September 24 - 25, 2023



A symposium in honor of Prof. C. R. Rao

About the Symposium

Padma Vibhushan Professor Calyampudi Radhakrishna Rao is one among the great Indian statisticians who received 2023 International Prize in Statistics, which is equivalent to Nobel prize in Statistics. CRR, a legendary statistician, received this prize for his groundbreaking work entitled 'Information and the Accuracy Attainable in the Estimation of Statistical Parameters' published in Bulletin of Calcutta Mathematical Society in 1945. C R Rao, born on September 10, 1920 at Hoovina Hadagali, Karnataka lived a long fruitful life of 102+ years till August 22, 2023.

Center for Advanced Research in Applied Mathematics and Statistics (CARAMS, MAHE) has been organizing events and special sessions in honor of him since 2020, the year it celebrated 'CRR Day' marking Rao's 100th birthday. In the same year, CARAMS organized an international conference ALAPS 2020 (online format) in honor of Rao, where Prof. C R Rao arrived on the screen with the help of his daughter Teja Rao, accepted felicitation, and conveyed his best wishes to his disciples, collaborators, and admirers among the participants. In the following year, CARAMS organized an international conference ICLAA 2021 and an international workshop IWMS 2021 (hybrid format), with common sessions in honor of Prof. Rao. The proceeding of ICLAA 2021 and IWMS 2021 is now being published in honor of Prof. Rao by Springer Nature in its Indian Statistical Institute Series.

CARAMS, MAHE will be organizing a two-days symposium in hybrid format during September 24-25, 2023 to pay him the tribute. On the same occasion, a book-volume in honor of C R Rao (and A K Lal) and a special issue of AKCE Int. J. Graphs Comb. dedicated to ICLAA 2021 will be released.

Invited Speakers



B L S Prakasa Rao
C R Rao AIIMSCS,
Hyderabad, India



Ravindra B Bapat
Indian Statistical Institute,
Delhi Center, India



Simo Puntanen
Tampere University,
Finland



Samir K Neogy
Indian Statistical Institute,
Delhi Center, India

The objective of the symposium is to connect young scholars and students with Rao's area of work and his achievements. Besides having seminars and technical sessions from eminent scientists in the field, and many student activities refreshing the memories of Rao, scholars and students are also encouraged to present their research work with the theme connected to Rao's work and achievements.

The theme of symposium shall focus on, but not limited to

- Theoretical and applied Linear Algebra
- Probability and Statistical Inference
- Applied Statistics (applications in the area of engineering, bioinformatics, medicine, digital signal processing, economics etc.)

and the articles in the above focus area may be submitted for the presentation in the contributory session.

Book Release: The book 'Applied Linear Algebra, Probability, and Statistics – a book-volume in honor of Prof. Rao and Arbind K Lal' (Eds: R B Bapat, M P Karantha, S Kirkland, S K Neogy, S Pati, and S Puntanen) will be released on this occasion.

Tribute to Prof. Rao: A session following the book release will be dedicated to pay the tribute to Prof. Rao.

The organizing committee invites all students and the scholars working in the theme area to participate in the symposium.

Registration Fee

Foreign Nationals: 50 USD

Indian Research Scholars/Faculty/Contributory speaker: 1000 INR + GST

Indian UG/PG Students (not presenting contributory paper): 500 INR + GST

Important Dates

Last Date for Registration: August 31, 2023

Last Date for Abstract Submission: August 31, 2023



Note: Participants taking part in the student activities are exempted from the registration fee payment.

Publication Opportunity

Research papers presented in the contributory session of the symposium will get an opportunity of the possible publication in a forthcoming special issue dedicated to ICLAA 2023 subject to acceptance after the standard peer review process adopted by the journal.

How to Register?: Enroll in our portal using the link <http://carams.in/registration> and then go to 'My Page' for further details such as guidelines for online fee payment, uploading of personal information, uploading abstract of talk, and any other relevant information.

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Associated Departments: Department of Data Science, PSPH, MAHE | Department of Mathematics, MIT, MAHE

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Visit us at <https://carams.in/events/alaps2023/>