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International Conference on Applied Linear Algebra, Probability and Statistics (ALAPS 2020)

(In honor of Prof. C. R. Rao on his birth centenary year)

December 17 - 18, 2020



Centre for Advanced Research in
Applied Mathematics and Statistics
MAHE, Manipal, Karnataka 576 104, India

In association with

Department of Data Science, PSPH, MAHE, Manipal,

Department of Mathematics, MIT, MAHE, Manipal,

Department of Mathematics, SMIT, Sikkim &

Indian Statistical Institute, Delhi

About the Conference

Padma Vibhushan Prof. C. R. Rao is among the great Indian Statisticians, the world ever has seen, and we are all proud of witnessing his birth centenary year in 2020. The virtual conference ALAPS 2020 will be organized by CARAMS, MAHE, in honor of him, celebrating the birth centenary year. Many of his great students, collaborators and his admirers are expected to take part, share their thoughts on Rao and knowledge to celebrate the occasion, inspiring the young minds participating in the conference.

The theme of the conference shall focus on

- Theory and Applications of Linear Algebra and Matrix Theory
- Mathematical Statistics such as Probability theory, Multivariate Analysis and Statistical Inference
- Applied Statistics such as Econometrics, Biometrics, Bioinformatics, Biostatistics, Mathematical Genetics etc.
- Network Theory and Applications

The conference consists of several invited talks from different Mathematicians and Statisticians who are associated with Prof. C. R. Rao or working in the area in which Rao contributed. Organizers welcome contributory talks (12 min each) from the participants, on the topics from theme area.

Speakers and participants may join through the web link appearing in the individual page (My Page) of CARAMS, which requires registration for the event. Alternatively, limited number of delegates may join the event from any of the following locations with due consent from the organizers:

- Department of Data Science, PSPH, MAHE, Manipal
- Department of Mathematics, MIT, Manipal
- Department of Mathematics, SMIT, Sikkim
- Indian Statistical Institute, Delhi

About MAHE, Manipal

Manipal Academy of Higher Education is synonymous with excellence in higher education. MAHE is one of India's leading academic and research institutions. It has been granted Institution of Eminence status by the Ministry of Human Resource Development, Government of India. Over 28,000 students from 57 different nations live, learn and play in the sprawling University town, nestled on a plateau in Udupi district of Karnataka. It also has nearly 2500 faculty and almost 10000 other support and service staff, who cater to the various professional institutions in Health Sciences, Engineering, Management, Communication and Humanities which dot the Wi-Fi-enabled campus. The University has off-campus in Mangalore and Bangalore, and off-shore campuses in Dubai (UAE) and Melaka (Malaysia). The Mangalore campus offers medical, dental, and nursing programs. The Bangalore Campus offers programs in Regenerative Medicine. The Dubai campus offers programs in Engineering, Management and Architecture, and the Melaka campus offers programs in Medicine and Dentistry. Every institute has world class facilities and pedagogy, which are constantly reviewed and upgraded to reflect the latest trends and developments in higher education. For more details visit us <https://manipal.edu/>.

About CARAMS

CARAMS has been established in September 2018 at MAHE with the objective of fostering advanced research and training in the area of Mathematics, Statistics and their applications. It facilitates to bridge the gap between Mathematicians/Statisticians and Applied Mathematicians working in the area of Health, Technological, and Social Sciences.

Visit <http://carams.in> for more details

How to Register?

Enroll in our portal using the link <https://carams.in/registration> and then sign in 'My Page' for further registration, guidelines for online fee payment, uploading of personal information, title and abstract of talk, and any relevant information.

Speakers

Dr. N. Balakrishnan

McMaster University, Canada

Dr. Adi Ben-Israel

Rutgers Business School, Newark, New Jersey, USA

Dr. Arup Bose

Indian Statistical Institute, Kolkata

Dr. Susmita Datta

University of Florida, Gainesville

Dr. Anant Godbole

East Tennessee State University, USA

Dr. Stephen J. Haslett

Massey University, New Zealand

Dr. Jeffrey Hunter

Auckland Univ. of Tech., New Zealand

Dr. Surender Kumar Jain

Ohio University, USA

Dr. Debajit Kalita

Tezpur University, Assam, India

Dr. T. Krishna Kumar

Director, Rockville Analytics, USA

Dr. Lynn Roy LaMotte

LSUHSC, New Orleans, USA

Dr. Augustyn Markiewicz

Poznań Univ. of Life Sci., Poland

Dr. Samir K. Neogy

Indian Statistical Institute, Delhi

Dr. K. R. Parthasarathy

Indian Statistical Institute, Delhi

Dr. Simo Puntanen

Tampere University, Finland

Dr. T. E. S. Raghavan

University of Illinois at Chicago, USA

Dr. T. S. S. R. K. Rao

Ashoka University, Haryana

Dr. B. L. S. Prakasa Rao

C. R. Rao Adv. Inst. of Mathematics, Hyderabad

Dr. Arni S. R. Srinivasa Rao

Med. College of Georgia, Augusta Univ., USA

Dr. Dietrich von Rosen

SLU Uppsala, Sweden

Dr. Bikas Kumar Sinha

Indian Statistical Institute Kolkata

Dr. K. C. Sivakumar

Indian Institute of Technology Madras

Dr. George P. H. Styan

McGill University, Canada

Dr. Julia Volaufova

LSUHSC, New Orleans, USA

Dr. Yimin Wei

Sch. of Mathematical Sci., Fudan Univ., China

The above is the initially confirmed list of speakers and for the update, refer to

<https://carams.in/events/alaps2020/>.

Registration Fee

Note: Delegates seeking certificates of participation/contribution are required to pay the registration fee as in the following. Other members are exempted from paying the registration fee.

Category	Fee
Foreign Nationals	\$50
Indian Nationals, Research Scholars and Faculty	₹1000 + GST
Indian UG/PG Students	₹500 + GST

There is no GST for the Faculty/Research Scholars/UG/PG Students of MAHE

Important Dates

Last date for registration : **December 01, 2020**

Last date for abstract submission : **November 20, 2020**

Notification of abstract acceptance : **December 05, 2020**

For more details <https://carams.in/events/alaps2020/>