

Committees

Patrons

Dr. M. Ramdas Pai

Chancellor, MAHE, Manipal

Dr. Vinod H. Bhat

Executive Vice President, MAHE, Manipal

Dr. P. L. N. G. Rao

Pro Vice Chancellor (QAFHS), MAHE, Manipal

Advisory Committee

Dr. Helmut Brand

Director, PSPH, MAHE, Manipal

Dr. Paritosh Biswas

Von Karman Society, Jalpaiguri

Dr. Surender Kumar Jain

Ohio University, USA

Scientific Advisory Committee

Dr. Ravindra B. Bapat (Chairman)

Indian Statistical Institute, Delhi

Dr. N. Balakrishnan

McMaster University, Hamilton, Canada

Dr. Samir K. Neogy

Indian Statistical Institute, Delhi

Core Committee

Dr. N. Balakrishnan (Chairman)

McMaster University, Hamilton, Canada

Dr. Arbind K. Lal

Indian Institute of Technology, Kanpur

Dr. David Raj Michael

SMIT, Sikkim

Local Organizing Committee

Dr. Narayana Sabhahit (Chairman)

Registrar, MAHE, Manipal

Members

Dr. Asha Kamath

Associate Director, Prof. & Head,
DDS, PSPH, MAHE, Manipal

Dr. Samir K. Neogy

Professor & Head

Indian Statistical Institute, Delhi

Dr. Anjan Raychaudhuri

Prof. & Head, DOM, SMIT, Sikkim

Dr. H. S. Ballal

Pro Chancellor, MAHE, Manipal

Lt. Gen. (Dr.) M. D. Venkatesh

Vice Chancellor, MAHE, Manipal

Dr. D. Srikanth Rao

Director, MIT, MAHE, Manipal

Dr. S. Ganesan

BARC, Mumbai

Dr. T. E. S. Raghavan

University of Illinois at Chicago, USA

Dr. Manjunatha Prasad Karantha

(Convenor), CARAMS, MAHE, Manipal

Dr. Stephen J. Kirkland

University of Manitoba, Canada

Dr. Simo Puntanen

Tampere University, Finland

Dr. Arup Bose

Indian Statistical Institute, Kolkata

Prof. Vinay Madhusudhan

MIT, MAHE, Manipal

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

Ashoka University, Sonapat, Haryana

Dr. Manjunatha Prasad Karantha

(Organizing Secretary),

CARAMS, MAHE, Manipal

Dr. Shreemathi Mayya

Professor, MAHE, Manipal

Dr. C. Ramesha

Professor, MIT, MAHE, Manipal

Dr. G. Sudhakara

Prof. & Head, DOM, MIT, MAHE,
Manipal

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. 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/>