



**International Conference  
on  
Advances in Applied Probability  
and Stochastic Processes  
(ICAAP&SP@CMS)**

Organised by

**Centre for Research in Mathematics,**  
Department Of Mathematics,  
CMS College, Kottayam



07 -10 JANUARY 2019

## About the College

CMS College, Kottayam which is one of the pioneering institutions of higher education in India was founded in 1817 by the Church Missionary Society for Africa and the East (fondly called as the CMS). The College holds a unique status in the history of India for being the first college completing a continuous journey of almost 200 years. As an institution aimed to set models in higher education, CMS College is committed to maintain high standards in academic transaction and move towards excellence in Research.

## About the Department

Mathematics has been the part of curriculum right from the inception of the college and has a legacy of ushering modernity by teaching Euclid's "Elements". Our department is a dynamic and authentic centre for learning and research. Academic programmes offered include B.Sc, M.Sc and Ph.D in Mathematics. We have 9 faculty members including 1 Emeritus Professor (Under UGC scheme) and 2 Associate Professors. The department has research outputs in terms of publications, international collaborations and bilateral projects during the past 15 years. The thrust area of research is " Stochastic Modelling Analysis and Applications".

## Confirmed Speakers:

1. Prof. S.R. Srinivasa Varadhan (Key Note Speaker), Professor of Mathematics and the Frank Jay Gould Professor of Science, Courant Institute of Mathematical Sciences, New York, USA.
2. Prof. D. Kannan, University of Georgia, Athens, USA.
3. Prof. Srinivas R. Chakravarthy, Kettering University, USA.
4. Prof. K.B. Athreya, Iowa state University, USA.
5. Prof. Vladimir Vishnevsky, Institute of Control Sciences, Russian Academy of Science, Russia.
6. Dr. Alexander Rumyanstev, Petrozavodsk state University, Russia.
7. Dr. D.V. Kozyrev, RUDN University, V. A. Trapeznikov Institute of Control Sciences of RAS, Russia
8. Dr. A.A. Larionov, V.A. Trapeznikov Institute of Control Sciences of RAS, Russia
9. Dr. Roman Ivanov, ICS RAS, Russia.
10. Prof. David Stanford, University of Western Ontario, Canada.
11. Prof. Sapna Isotupa, Wilfrid Laurier University, Canada.
12. Prof. A.N. Dudin, Belarusian State University, Belarus
13. Prof. Rein D. Nobel, Vrije University, Amsterdam, Netherlands.
14. Prof. Søren Asmussen, Aarhus University, Ny Munkegade, Denmark.
15. Prof. Onesimo Hernandez Lerma, National Polytechnic Institute, Mexico City, Mexico.
16. Prof. Ivan Atencia, Málaga, Spain.
17. Prof. Hermann Thorison, University of Iceland, Iceland.
18. Prof. Masakiyo Miyazawa, Tokyo University of Science, Japan.
19. Prof. Herwig Bruneel, Ghent University, Belgium.
20. Prof. Bara Kim, Korea University, South Korea.
21. Prof. Ayalvadi Ganesh, University of Bristol, UK.
22. Prof. Agassi Melikov, Institute of Control System, Azerbaijan
23. Dr. Binyamin Oz, Hebrew University of Jerusalem, Israel
24. Prof. M.K. Ghosh, Indian Institute of Science, Bangalore, India.
25. Prof. Vinod Sharma, Indian Institute of Science, Bangalore, India
26. Dr. Chandhan Pal, Indian Institute of Technology, Guwahati, India
27. Prof. D.Manjunath, Indian Institute of Technology, Bombay, India.
28. Prof. S.Dharmaraja, Indian Institute of Technology, Delhi, India.
29. Prof. Abhijit Datta Banik, Indian Institute of Technology, Bhubaneswar, India.
30. Prof. Rajeev B, Indian Statistical Institute, Bangalore, India.
31. Prof. B.V. Rao, Chennai Mathematical Institute, India.
32. Prof. Anbazhakan Neelamegham, Alagappa University, India.
33. Prof. B. Krishnakumar, Anna University, India.
34. Prof. V. Thangaraj, University of Madras, India.
35. Prof. Arivarignan Gunaseelan, Manonmaniam Sundaranar University, India.
36. Prof. Swaminathan Udayabaskaran, Vel- Tech Technical University, Chennai, India.
37. Prof. Arumuganathan R., PSG College of Technology, Coimbatore, India.
38. Prof. Nadarajan, PSG College of Technology, Coimbatore, India.

### Anticipated Speakers:

1. Prof. M.J. Lopez Herrero, University Complutense of Madrid, Spain.
2. Prof. Peter Jagers, Chalmers University of Technology and University of Gothenburg, Sweden.
3. Prof. V. Anisimov, Center for Design & Analysis, Data Science, Amgen Inc., London, UK.
4. Prof. Tuan Phung Duc, University of Tsukuba, Tsukuba, Japan.
5. Prof. George Zhang, Western Washington University, USA.
6. Prof. Samuilov K. E., Peoples' Friendship University of Russia, Russia.
7. Prof. Efrosinin D.V., Senior scientist at ICS RAS, Russia.
8. Prof. Kozyrev D. V., Senior scientist at ICS RAS, Russia.
9. Prof. Andrey Larionov, Research scientist at ICS RAS, Russia.
10. Prof. Roman Ivanov, Researcher, ICS RAS, Russia.
11. Dr. V. Ramaswamy, AT&T Labs, Holmdel, New Jersey, USA.

### Call for Papers:

Interested Researchers are requested to submit their abstract (preferably compiled in La Tex and must not exceed 250 words) along with Name of author(s), Designation, Address, Institutional affiliation, Contact Details and e-mail address by 30 November 2018 to [icaapsp@cmscollege.ac.in](mailto:icaapsp@cmscollege.ac.in). Proceedings is expected to be published by Springer. (Post Conference Publishing)

### Important Dates:

Registration starts	: 01 October 2018
Deadline for abstract submission	: 30 November 2018
Deadline for Full Paper submission	: 31 March 2019
Registration Fee	: Rs. 3000/- (participants from India ) Rs. 2000/- (Research Scholars and Students from India) 100 USD (participants from abroad)

### Theme:

All areas related to Applied Probability and Stochastic Process

### International Programme Committee:

1. Prof. S. R. Srinivasa Varadhan, Courant Institute of Mathematical Sciences, New York, USA.
2. Prof. D. Kannan, University of Georgia, Athens, USA.
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30. Prof. Vinod Sharma, Indian Institute of Science, Bangalore, India.
31. Prof. Rajeev B, Indian Statistical Institute, Bangalore, India.
32. Prof. S. Dharmaraja, Indian Institute of Technology, Delhi, India.
33. Prof. Abhijit Datta Banik, Indian Institute of Technology, Bhubaneswar, India.



### Organizing committee:

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42. Ms. Anu Nuthan Joshua, U.C. College, Aluva

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### CMS COLLEGE KOTTAYAM

(AUTONOMOUS)

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UGC recognised as a College with Potential for Excellence

Conferred with Special Heritage Status

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