

i-manager's **Virtual
Conference on
Mathematics:**
Dynamics of
Prediction Models,
Constraints and
Optimizations

VCM: DPMC02020

Venue: Online

Date: 15th September, 2020



3/343, Hill View, Town Railway Nager, Nagercoil-629001. Kanyakumari District Tamilnadu INDIA
① +91 96006 00702 | ✉ conference@imanagerpublications.com | 🌐 www.imanagerpublications.com

About the Conference

Science and technology advances by solving various real life problems using mathematical modeling. The Coronavirus perpetuated into the life and thoughts of people through the visuals rendered by software models created by the data on the virus by scientists. Without a model, our imagination suffers. Initiating the conference, **i-manager's Virtual Conference on Mathematics: Dynamics of Prediction Models, Constraints and Optimizations (VCM: DPMC02020)**, the objective is to bring more Prediction models and Patterns that would help the future humanity, to survive and sustain. Also the Conference welcomes papers to be presented on the use of Prediction Models and its Constraints and Optimizations in various fields of study and Mathematical applications in various areas. The conference will bring two keynote addresses from eminent academicians that will be inspiring and intuitive, followed by paper presentations selected by the Technical Committee Members.

Venue of the Conference

Currently, we have unconditionally accepted to adopt our lives to the demand of nature. The restricted normalcy is social distancing, and a social gathering for the exchange of ideas is beyond imagination. i manager Publications preferred to gather on the internet, beside the computer, laptop, tablet PC or a Smartphone, thanks to technology for its open options.

Keynote

Keynote 1



Keynote on

**Industrial Systems
Reliability and
Availability
Prediction Models**

Dr. Syed Mohammed Rizwan

National University of Science & Technology, Oman

Professor Rizwan has about 28 years of experience in Teaching and Research in Applied Probability, Stochastic Processes, Reliability Modeling and Analysis of Systems. He is Chair of the Research Committee, National University of Science and Technology. He has been honored with **Best Professor in Statistics Award (2019)** by World Education Congress. He has also been honored & awarded: **Oman Education Leadership Award (2019)**, **Distinguished Scientist in Statistics (2017)** and **Excellence in Research Category "Top-25 List Awards-2018"** to name a few.

About the Organizer

A series of virtual conferences are being currently organized by i-manager Publications (www.imanagerpublications.com) which has marked a milestone of a triumphant 17 years in Academic Publishing. I-manager Publications brings out 34 Journals, and apart from international quality articles and research papers, it also portrays a wide range of other features such as Book Review, Case studies, Educational resources and Conferences to cater to the needs of academic communities in science, engineering, technology, management and humanities. i-manager Publications has a valuable database of international authors and peer reviewers for all its journals, and production of each issue goes through lot of stringent measures to ensure very high quality to the readers. i-manager's Journals are listed in ProQuest, EBSCO, Ulrich Directories, Indian Citation Index (ICI), Google Scholar, Scilit, etc.

**For more details on registration for the conference, visit:
www.imanagerconferences.com**

Keynote 2



Keynote on

**Modeling Social
Problems and
Unrest in Socio-
Political Ecology**

Dr. James Edward Osler

North Carolina Central University (NCCU), USA

Dr. Osler is an artist, eduscientist, entrepreneur, researcher, statistician, teacher, and technologist. His research agenda includes Applied Educational Science, Inventive Instructional Design, Innovative Neuromathematics Concepts, Algorithmic Online Learning, Analytical Triostatistics Methodologies, Practical Measurement Procedures, Integrated Technology Engineering, In-Depth Nano-biotechnology Analytics and Ergonomic E-Learning Standards. He received 4 most honored awards from NCCU and **3 National Awards** for community service.

Technical Committee

Dr. Mohammad Shahzad

Nizwa College of Applied Sciences, Oman.

Session Lecture on “*Variations in the Computational Study using Different Mathematical Tools*”

Dr. Muhammad Raheel Mohyuddin

National College of Business Administration & Economics, Pakistan.

Dr. Dhananjaya Reddy

Government Degree College, Andhra Pradesh

Dr. E. Kesava Reddy

JNTUA College of Engineering, Andhra Pradesh

Dr. J.R.V.Edward

Scott Christian College, Tamilnadu

Dr. K. Venkateswara Raju

Sree Vidyanikethan Engineering College, Andhra Pradesh.

Dr. Javed Ali

National University of Science & Technology, Oman

Important Dates

Last date of registration & submission of paper: **5-Sep-2020**

Last date of registration (Participant): **12-Sep-2020**

Announcement of papers for Online Presentation: **7-Sep-2020**

Note: Papers submitted after 5-Sep-2020 till 10-Sep-2020 would be included in Conference Proceeding and would not be considered for online presentation.

Conference Contacts

Patron Joe Winston +91 94432 55831

Co-Patron Renisha Winston +91 94435 48831

Secretary Rajakumar D +91 90037 99680

For details, email: conference@imanagerpublications.com

WhatsApp:

+91 9600600702

+91 9600600703

Themes & Topics

- Coronavirus Inspired Prediction Models
- Industrial Systems Reliability and Availability Prediction Models
- Revisiting Epidemic Models in the Pandemic Era
- Nonlinearity in Consumer Behavior and Market Behavior
- Mathematics of Demand-Supply Dynamics
- Computational Study Using Different Mathematical Tools
- Applications of Magneto-Hydrodynamics
- Static Patterns from Nonlinear Dynamics
- Political Chaos: Predicting the Fate of Future Governments through Mathematical Modeling
- Modeling Social Problems and Unrest in Socio-Political Ecology
- Mathematical Models for Evolutionary Biology
- Ideas on Mathematical Predictions on Black Holes and Expanding Universe
- Climate Prediction and the Dynamics of Earth's Magnetic Field
- Equations, Inequations, Factorization and Expansion
- Mathematical Functions, Shapes and Optimization
- Mathematical Knots and Links
- Mathematical Equations and Concepts
- Nonlinear Waves and Dynamics
- Numerical Analysis and Hyperbolic Equations
- Discrete Mathematics
- Numerical Mathematics
- Continuous Dynamical Systems
- Computational Mathematics
- Mathematical and Theoretical Biology
- Dynamical Systems and Ergodic Theory
- Non-Parametric and Robust Statistical Methods
- Theory of Stochastic Orders and Aging and Applications
- Estimation in Restricted Parameter Space
- Robust Estimation in Nonlinear Models
- Econometric Modeling
- Step-Stress Modeling
- Stochastic Partial Differential Equations

and more...

Instructions to Authors

Authors are invited to submit their full length research paper through the online submission system at www.imanagerconferences.com. The topics covered in the conference are mentioned in the conference website.

All the submitted papers will undergo a rigorous peer review process by experts in the field constituting the Technical Committee. Full papers selected by the Technical Committee will be published in electronic format in the Conference Proceeding of VCM: DPMCO2020. The papers selected for online presentation (time limit 10 minutes) in the sessions of the conference will be informed a week before the commencement of the conference to respective authors. Extended version of the papers will be published after double blind review and approval by Editor-in-Chief, in relevant Journals published by i-manager Publications.

Selection of the papers would be based ONLY on the report of the Technical Committee. Acceptance is based on condition that at least one author will register and present the paper at the conference. VCM: DPMCO2020 reserves the right to exclude a paper from distribution after the conference (e.g., removal from Conference Proceedings) if the paper is not presented at the conference or if any plagiarism is found at a later date.

Author guidelines and Sample paper for reference are available at:

https://imanagerpublications.com/assets/cms/Author_Guidelines.pdf

<https://imanagerpublications.com/assets/samplepaper/samplePaper.pdf>

Registration Fee Details

Category 1 (Paper presentation): **INR 500** (India) and **USD 25** (Rest of World)

Category 2 (Participant (Without submitting papers)/Co-authors): **INR 250** (India) and **USD 20** (Rest of World)

Category 3 (Students participant, without submitting papers): **INR 150** (India) and **USD 15** (Rest of World)

Registration

Registration is needed for participation and submitting papers for the conference. On successful payment, registrants will get a user name and password by mail. Using this login credential, authors can submit papers for the conference..

Paper Submission

Important points while submitting a paper:

- Prepare the manuscript to conform to i-manager's Journal requirements/ guidelines.
- Execute language and grammar check, before submission.
- The content and scholarly writing style are of key importance.
- Authors should submit only original works. Plagiarism in all its forms constitutes unethical publishing behavior and is unacceptable.
- Quality of graphics, artwork and equations are vital.
- The reference list should be academically sound and should be formatted according to Journal's preferred referencing style.
- Prescribed page length: Research papers - 10 pages and Articles - 6 pages.
- The papers should be submitted as MS WORD documents.

For more details, visit: www.imanagerconferences.com

e-Certificate of participation will be sent to all participants to their registered email.

Selected papers will be published in the issues of Journals published by i-manager Publications.



ULRICHSWEB™
GLOBAL SERIALS DIRECTORY



Crossref



Scilit



Indian Citation Index