





The 28th International Conference (Virtual) of FORUM FOR INTERDISCIPLINARY MATHEMATICS

(Multi-Disciplinary Academic Society, Tax Exempted in India)

SYNERGIES IN COMPUTATIONAL, MATHEMATICAL STATISTICAL AND PHYSICAL SCIENCES

(FIM 28: SCMSPS 2020)

November 23 - 27, 2020

Moving Conference from **OFF-LINE TO VIRTUAL**

The disruption to normal life by the Covid-19 pandemic is unprecedented. It has necessitated the shift of classes /events from auditoriums to online platforms. So, let us together embark on this virtual journey and use the online platform for knowledge sharing, enhancing research and networking.

e-mail:fim28scmsps2020@gmail.com website:https://fim28scmsps2020.com phone: +91-9444139760 | +91-9710925716

SYMPOSIA / SPECIAL SESSIONS PROPOSED & CO-ORDINATORS

Acyclic Edge-Coloring and Decycling in Networks and its Applications Dr. T. M. Rajalaxmi, SSN College of Engineering, OMR, Tamil Nadu, India

Algebra & Applications
V. Selvan, RKM Vivekanada College, Chennai, India

Ancient Indian Mathematical & Physical Sciences
M. S. Rangachari, Ramanujan Institute for Advanced Study in Mathematics, Chennai, India

Chemical Graph Theory A.S. Shanthi & S. Sarah Surya, SMC, Chennai, India

Classical Analysis S. Sivasubramaniyam, Anna University Tindivanam, Tamil Nadu, India

Computational Intelligence J. Balasubramaniam & C.S. Sastry, IITH, Hyderabad, Telangana

Computational Simulation on Advanced Materials Pushpamithra Panigrahi, HIT&Sc., Tamil Nadu, India

Cyber Physical Systems T.V. Gopal, Anna University, Chennai, India

Data Analytics & Big Data Suresh Krishnaswamy, India

First Principles Studies on Electronic & Magnetic Structures R. Vidya, College of Engineering Guindy, Anna University, Chennai & P. Sabareesan, Sastra University, Thanjavur, India

Fuzzy Set Theory & Applications Felbin C. Kennedy & Dhanalakshmi V., Stella Maris College, Chennai, India

Fuzzy Relation Equations & its Applications in Fuzzy Markov Model B. Praba, SSNCE, Tamil Nadu, India

Game Theory G. Ravindran, ISI, Chennai, India

Graph Labeling & its Applications
Teresa Arockiamary Santiago, Stella Maris College, Chennai, India

Image Processing & Machine Learning N. Venkateswaran & N. Padmapriya, SSNCE, Tamil Nadu, India

Iterative Methods & Differential Equations
Antony Vigesh, IIT Indore, Madhya Pradesh, India

Mathematics Education S. Mercy Soruparani, Stella Maris College, Chennai, India

Mathematical Modeling & Numerical Simulations G. Venkiteswaran, BITS Pilani, India

Mathematics Systems & Signals Dr. Viswanath Ramakrishna, University of Dallas, USA

Modelling of Collective Phenomena M. Danny Raj, IISc, Bangalore, Karnataka, India

Nonlinear Analysis V. Vetrivel, IITM, Chennai, India

Quantum Computational Studies on Structural & Biological Activities of Pharmaceutical Compounds
S. Muthu, Arignar Anna Government Arts College, Cheyyar, Tamil Nadu, India

Theoretical & Computational Nonlinear Dynamics of Condensed Matter & their Applicatic L. Kavitha, Central University of Tamil Nadu, Thiruvarur, India | M. Saravanan, SKMIST, Tamil Nadu, India | N. Meenakshisundaram, Vivekananda College, Madurai, India

Theoretical & Algorithmic Approach to Graph Theory Dr. P. Venugopal, SSN College of Engineering, India | Dr. V. Jude Annie Cynthia Stella Maris College, Chennai, India

OBJECTIVE OF THE CONFERENCE

This conference aims to bring together leading scientists, academic researchers and delegates from the corporate sector to exchange and share their experiences and research findings about various aspects of Mathematics, Physics, Statistics and Computer Science. It also provides a premier interdisciplinary and multidisciplinary forum for researchers, practitioners and educators to present and discuss the most recent developments, trends, and concerns, practical challenges encountered and the solutions adopted in the field of Mathematics/ Physics/ Statistics/ Computational Techniques/ Computer Science.

ACADEMIC PROGRAM

The academic program of the conference will also consist of Symposia / Invited talks / Plenary talks and the R.S. Varma best paper award for Ph.D. Scholars. Each participant is required to register and transfer the relevant registration fee for participating in the conference.

SYMPOSIA/ SPECIAL SESSIONS

Persons (minimum 04) interested in organizing symposia in their areas of expertise are requested to submit the topic of the symposia and the names of the speakers along with their title of the papers to the Organising Secretary. Research Papers in other fields having applications related to computational / mathematical / statistical / physical sciences in engineering are also welcome.

CALL FOR PAPERS

The organizers invite original unpublished research papers from academia, industrial experts and students / research scholars to present their work orally or through posters in the broad areas of Mathematics, Statistics, Physics and Computer Science.

The abstract of the contributed paper should focus on objectives of the study, significance, scope, methodology and research findings. There will be a review on the abstracts by experts and selection of the paper is based on the recommendations of the

Interested delegates are requested to submit an abstract of about 500 words in a MS Word file format and PDF format through the Easy chair link given below. The abstract should include keywords, full address (s) and e-mail ID of the author (s). EASY CHAIR (https://easychair.org/login)

PUBLICATION

Accepted papers presented at the Conference will be subject to approval by a peer review panel and will be published in Scopus indexed Journals

R.S. VARMA BEST PAPER AWARD

Research scholars who have registered with any University or Institute of higher learning are eligible to submit original unpublished research papers in the relevant areas for the R.S. Varma Best Paper Award Competition.

CONFERENCE CHAIRS

JUNZO WATADA

SURESH CHANDER MALIK

P.V. SUBRAHMANYAM Former Professor, Math. IITM, Chen

SR. ROSY JOSEPH fmm

L Stella Maris College V. E. ANNAMALAI

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Veera Raghavan Prakash | La Trobe University, Australia

G. Venkiteswaran | BITS Pilani, India

V. Vetrivel | IITM, India

Yogendra P. Chaubey | Concordia University, Canada

IMPORTANT DATES

Symposia Submission

Abstract Submission Notification of Acceptance

Registration * No spot registration 31 August, 2020 31 October, 2020 10 November, 2020

15 November, 2020

REGISTRATION

Academicians/ Delegates from Industry (Indian)

Rs. 1000 \$ 100

Research Scholars (Indian)

\$50

FIM members get 20% discount on registration

PAYMENT DETAILS

vur of FIM28SCMSPS2020 | Payable at Chennai NEFT / Money Transfer Indian Overseas Bank

Country: Account Name: India FIM28SCMSPS2020

Account Type: Branch:

FIMZBSCMSPS2020 Saving Stella Maris College Campus Cathedral Road, Chennai, Tamil Nadu, India. Pin:600086 168801000025116 IOBA0001688 IOBAINBBK51

Account Number: IFSC Code: SWIFT Code:

CONTACT PERSONS

S. Masilla Moses Kennedy kennedysmm@ssn.edu.in | fim28scmsps2020@gmail.com | +91 9444139760

Menterpyshinival Dhanalakshmi V dhanalakshmi@stellamariscollege.edu.in|fim28scmsps2020@gmail.com|+91 9710925716

CONFERENCE ORGANISERS

FORUM FOR INTERDISCIPLINARY MATHEMATICS (FIM) (http://forum4interdisciplinarymathematics.org)

STELLA MARIS COLLEGE (SMC)

(http://stellamariscollege.edu.in) 17, Cathedral Road, Chennai 600086, Tamil Nadu, India

SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

(SSN) (www.ssn.edu.in)

Old Mahabalipuram Road, Kalavakkam, Tamil Nadu 603110, India

LOCAL ORGANISING COMMITTEE

ORGANISING SECRETARY | FIM 28:SCMSPS 2020 FELBIN C. KENNEDY

GENERAL SECRETARY, FIM

Faculty, Department of Mathematics

Vice Principal, Stella Maris College 17, Cathedral Road, Chennai 600086

Off:+91 44 28111987/ 961 | Mobile: + 91 9281381056

CONVENERS | Stella Maris College
V. Jude Annie Cynthia | Department of Mathematics
Bellina Xavier | Department of Physics
Birunda Antoinette Mary J | Department of Computer Scien

CONVENERS | SSN College of Engineering
S. Masilla Moses Kennedy | Department of Physics
P. Venugopal | Department of Mathematics

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G. Anandha Babu | Department of Physics

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Faculty | Departments of Physics & Mathematics, SSNCE

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