



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The organizers invite original unpublished research papers from academia, industrial experts and students / research scholars to present their work orally or through posters in the broad areas of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

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.

IMPORTANT DATES

Symposia Submission	31 August, 2020
Abstract Submission	31 October, 2020
Notification of Acceptance	10 November, 2020
Registration	15 November, 2020
* No spot registration	

REGISTRATION

Academicians/ Delegates from Industry (Indian)	Foreigners/NRI Academicians/ Delegates from Industry
Rs. 1000	\$ 100
Research Scholars (Indian)	Research Scholars
Rs. 600	\$ 50
FIM members get 20% discount on registration	

PAYMENT DETAILS

Demand Draft in favour of FIM28SCMSPS2020 | Payable at Chennai

Bank:	NEFT / Money Transfer
Country:	Indian Overseas Bank
Account Name:	India
Account Type:	FIM28SCMSPS2020
Branch:	Saving
Account Number:	Stella Maris College Campus
IFSC Code:	Cathedral Road, Chennai, Tamil Nadu, India. Pin:600086
SWIFT Code:	168801000025116
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CONTACT PERSONS

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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

CONFERENCE CHAIRS

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Universiti Teknologi, Petronas, 32610
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Chennai, India

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Kalavakkam, Tamil Nadu, India

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V. Vetrivel | IITM, India

Yogendra P. Chaubey | Concordia University, Canada

LOCAL ORGANISING COMMITTEE

ORGANISING SECRETARY | FIM 28:SCMSPS 2020

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GENERAL SECRETARY, FIM
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Belina Xavier | Department of Physics
Birunda Antoinette Mary J | Department of Computer Science

CONVENERS | SSN College of Engineering

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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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Old Mahabalipuram Road, Kalavakkam, Tamil Nadu 603110, India

SYMPOSIA / SPECIAL SESSIONS PROPOSED & CO-ORDINATORS

Acylic 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. Sivasubramanyam, 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
T. Parthasarathy, ISI, Chennai, India

Geometry and Integrable Systems with Applications
S. Muruges, Indian Institute of Space Science and Technology, Trivandrum, Kerala

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 Viges, 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 Applications
L. Kavitha, Central University of Tamil Nadu, Thiruvavur, India | M. Saravanan, SRMIST, 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