



MANIPAL INSTITUTE OF TECHNOLOGY

BENGALURU
(A constituent unit of MAHE, Manipal)



International Conference on Recent Advances in Fluid Mechanics and Nanoelectronics (ICRAFMN-2023)

Conference Dates
July 12-14, 2023

Organized by
Manipal Institute of Technology Bengaluru

In Association with
National Institute of Technology, Uttarakhand

Speakers

Plenary Talk

Prof. Alan Jeffrey Giacomini

Editor in Chief
Physics of Fluids, Queen's University,
Kingston, Ontario, Canada

Prof. S. Sunder

Director, NIT Mizoram

Prof. V. Ramagopal Rao

Pillay Chair Professor & Former Director,
IIT Delhi (2016-2021)

Prof. Hakan F. Öztöp

Firat University, Turkey

Prof. K. H. Mekheimer

Al-Azhar University, Egypt

Prof. Suman Chakraborty

IIT Kharagpur

Prof. V. Kumaran

IISc, Bengaluru

Prof. Amit Agrawal

IIT Bombay

Prof. Eddie YK Ng

NTU, Singapore

Prof. O. Anwar Bég

Salford University, UK

Prof. Nor Azwadi Che Sidik

Universiti Teknologi, Malaysia

Prof. Rama Govindarajan

International Centre for Theoretical
Sciences, Bengaluru

Prof. John Philip

Homi-Bhabha National Institute,
Tamil Nadu

Prof. Saptarshi Basu

IISc, Bengaluru

Prof. P. S. Anil Kumar

IISc, Bengaluru

Prof. G. P. Raja Sekhar

IIT Kharagpur

Prof. P. V. S. N. Murthy

IIT Kharagpur

Prof. Rathish Kumar B V

IIT Kanpur

Prof. Tanmay Basak

IIT Madras

Prof. G. C. Layek

University of Burdwan, West Bengal

Prof. Huihe Qiu

Editor in Chief
Case Studies in Thermal Engg.,
The Hong Kong University of
Science & Technology, China

Prof. Balaji Chakravarthy

Editor in Chief
International Journal of Thermal
Science, IIT Madras

Invited Talk

Prof. M. V. Reddy

Senior Professional Researcher,
Quebec, Montreal, Canada

Prof. M. M. Bhatti

Shandong University of Science
and Technology, China

Prof. Yasser Aboelkassem

University of Michigan-Flint, USA

Prof. Sachin Shaw

Botswana International University of
Science and Technology, Botswana

Prof. Kuldeep Singh

Nottingham University, UK

Prof. Anand S. Subbiah

King Abdullah University of Science
and Technology, Saudi Arabia

Prof. P. Muthu

NIT Warangal

Prof. Gopal Chandra Shit

Jadavpur University, Kolkata

Prof. N. B. Naduvinamani

Gulbarga University, Karnataka

Prof. K. V. Prasad

VSK University, Ballari

Prof. Hanumesh Vaidya

VSK University, Ballari

Prof. Katta Ramesh

Sunway University, Malaysia

Prof. Pranab Kumar Mondal

IIT Guwahati

Prof. Mahesha Narayana

The University of the West
Indies, Mona, Jamaica

Prof. R. Sivaraj

NIT Jalandhar

Prof. Nagaraj N Katagi

MIT, Manipal

Industry Talk

Dr. Prasant Misra

Senior Scientist, TCS Research,
Bengaluru

Dr. Nepal Adhikari

Simulation Platform,
MathWorks, Bengaluru

Dr. Ranga Srinivas Gunti

Head, Talent Development-Tata
Passenger Electric Mobility,
General Manager, Tata Motors,
Pune

Dr. Shashishekar Adiga

Head, Materials & Simulations,
Samsung Electronics, Bengaluru

Dr. Ravishankar Bhat

Co-Founder, Biological Research
Innovation Centre and Solutions LLP,
Bengaluru

Mr. Adwaith Gupta

CEO & Founder,
Paanduv Applications, Bareilly

Scope of Conference

Mathematics

- Mathematical Modelling
- Boundary Layer Flow
- Fractional Calculus
- Analytical/Semi Analytical Methods
- Numerical Methods

Aeronautical

- Aerodynamics
- Propulsion System
- Compressible Flow
- Atmospheric Sciences
- Geophysical Environmental Fluid Dynamics

Mechanical

- Computational Fluid Dynamics
- Experimental Fluid Dynamics
- Heat Transfer
- Biomaterials & Biomechanics
- Viscous Flow
- Multiphase Flows
- Microfluidics
- Nanofluids
- Oceanography
- Renewable Energy
- Energy Storage Systems

Electronics

- Nanomaterials/Nanostructures
- Nanodevices
- Artificial Intelligence/Machine Learning
- Nanoelectronics
- Nanosensors
- Nanoenergy
- Nanophotonics
- Nanomagnetism and Spintronics
- Bionanoelectronics
- Quantum Nanotechnology
- Nano Wearable Devices
- Lab on a Chip Device Development
- Biomimetic Nanoelectronics
- Nano Acousto-Electronics
- MEMS/NEMS

Note: The conference scope is not limited to the above topics only; any topic related to Fluid Mechanics and Nanoelectronics in any domain is welcome for submission.

Registration Fee

Early Bird Registration till 11th April 2023

Registration Fee (Inclusive of GST)	Research Scholar	Students	Faculty	R&D Organizations/ Industry
India	INR 4000*/-	INR 3000*/-	INR 6000*/-	INR 8000*/-
Abroad	USD 75/-	USD 50/-	USD 100/-	USD 200/-

Registration from 12th April till 31st May 2023

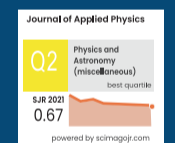
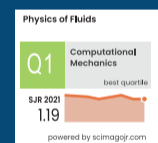
India	INR 5000*/-	INR 4000*/-	INR 8000*/-	INR 10000*/-
Abroad	USD 100/-	USD 75/-	USD 150/-	USD 300/-

*Including GST, registration kit (backpack, notepad, 16GB pen drive, pen, brochure, schedule, etc.), certificate, breakfast, lunch, tea/coffee during the conference.

Publication

Special Issue: Recent Advances in Fluid Mechanics & Nanoelectronics: Memorializing ICRAFMN-2023

A Joint Special Issue Published by
(Physics of Fluids, IF=4.98, Q1
& Journal of Applied Physics, IF=2.877, Q2,
AIP Publishing)



Note: The papers will be published **free of cost (no APC)** in the joint special issue of Physics of Fluids and Journal of Applied Physics after peer review process.

Important Dates

Abstract Submission	May 10, 2023
Submission of the Final Paper	May 25, 2023
Payment of Registration Fees	May 31, 2023
First Decision of the Paper	July 05, 2023
Conference Dates	July 12-14, 2023

Awards

Best Paper Award

Young Researcher Award

Organizing Committee

Dr. Rajashekhar V. Choudhari

Convener, ICRAFMN-2023
Mob. 8123158384

Mr. Adithya G S S

Organising Secretary, ICRAFMN-2023
Mob. 9588039271

Dr. Anita Das

Organising Secretary, ICRAFMN-2023
Mob. 9945668590

Dr. Dharmendra Tripathi

Chairperson, ICRAFMN-2023
Mob. 8385882005

Dr. Ramya M

Organising Secretary, ICRAFMN-2023
Mob. 8825865352

Dr. Jyoti Shetty

Organising Secretary, ICRAFMN-2023
Mob. 9535958989

Dr. Dharendra Bahadur Singh, Organising Secretary, ICRAFMN-2023

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