



International Conference on Recent Advances in Fluid Mechanics (ICRAFM-2022)

(Virtual International Conference)

October 04 - 06, 2022



MANIPAL

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About the Conference:

International Conference on Recent Advances in Fluid Mechanics (ICRAFM-2022) seeks to investigate recent advances in fluid mechanics and provide an excellent platform for multidisciplinary academics, engineers, scientists, researchers, and industrialists to present their current contributions. The conference covers a wide range of topics, including fundamental formulations, the relationship between experimental and analytical results, and computational aspects of fluid mechanics with applications in applied mathematics, medicine, mechanics, and aeronautical engineering. The emphasis is on new applications and ongoing research. Over three days, the panel will feature invited keynote talks by eminent experts from industry and academia (worldwide), parallel technical sessions, and various scholarly events. The conference's overarching goal is to provide a forum for discussing new work in fluid mechanics and, in particular, for promoting the interchange of new ideas and the presentation on the latest applications in the field.

About the University:

Manipal Academy of Higher Education is synonymous with excellence in higher education. Over 28,000 students from 57 nations live, learn and play in the sprawling University town nestled on a plateau in Karnataka's Udipi district. It also has nearly 2500 faculty and almost 10000 other support and service staff, who cater to the various professional institutions in health sciences, engineering, management, communication, and humanities, which dot the Wi-Fi-enabled campus. Manipal Institute of Technology, Manipal is a constituent Institution of Manipal Academy of Higher Education.

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Speakers



Call for Papers

Scope of Conference

- Boundary Layer Flow
- Steady, Unsteady and Pulsatile flows
- Computational Fluid Mechanics
- Flow through porous media
- Convective heat transfer
- Homogeneous and Heterogeneous reactions
- Entropy generation
- Magneto-hydrodynamic
- Electroosmotic/Electrokinetic transport
- Microfluidic devices and Biomedical applications
- Lab on a chip device development
- Fractional Calculus
- Multiphase flows in micro channels
- Nanofluids
- Biomechanics
- Mathematical modelling of biofluids
- Newtonian and Non-Newtonian fluids
- Aerodynamics
- Renewable Energy

Note: The conference scope is not limited to the above topics only: any topic related to fluid mechanics in any domain is welcome for submission.

Awards for young researcher award

Three awards will be presented during the Conference to researchers under the age of 35 who demonstrate excellent scientific work. The researcher should complete the work independently of any co-author(s). If an author wishes to be considered for the "Young Scientist" prize, they should indicate at the top of the Abstract by writing "PAPER FOR THE YOUNG RESEARCHER AWARD." The author of the winning paper must personally present the work during the conference's award session.

Abstract Format

The extended abstract should be neatly typed in MS Word and in 12 point, Times New Roman font, and prepared as per the format given below. Heading:

International Conference on Recent Advances in Fluid Mechanics" (ICRAFM-2022)
Research Theme:
Title of the Paper:
Author 1, Author 2*
1 Affiliation, 2 Affiliation (*: Corresponding author)
E-mail: mandatory for the Corresponding Author.

<https://conference.manipal.edu/ICRAFM-2022/PaperSub.aspx>

Paper Format

The manuscript should be submitted in MS Word in 12-point, Times New Roman font and one & a half line spacing with a single column only. The paper should contain title, author(s) name, affiliation, address, abstract (limited to 300 words), Introduction, Formulation, Methodology (Theory or Experiment), Results, Conclusions, and References. Regarding citation, author [x] format should be used for citations and references: P. T. Brady, M. Hermann, and J. M. Lopez, "Confined Thermo-Capillary Motion of a Three-Dimensional Deformable Drop, Physics of Fluids, 23, 1 12, (2018). Tables and figures must be imported into the text while preparing the manuscript.

Journals (Indexed in Scopus / Web of Science)

Journal of Advanced Research in Fluid Mechanics and Thermal Sciences (Indexed in Scopus)

Some more Scopus and Web of Science Indexed journals to be updated soon.

Note: Registration fee doesn't include the publication charges

Registration Procedure

Registration is complete only when the registration Fee details are filled in the online registration form and the soft copy of the abstract is uploaded. A signed copy of the online registration form should be sent by e-mail. The registration fee can be paid through online fund transfer/Demand Draft in favour of ICRAFM-2022. For more details, refer conference website.

<https://conference.manipal.edu/ICRAFM-2022/Home.aspx>

Registration Fees:

Registration Fee (inclusive of GST)	Students and Research Scholar	Academic/ Govt. R&D	Industry Organizations
Participants from India	INR 500/-	INR 1000/-	INR 3000/-
Participants from abroad	USD 50/-	USD 100/-	USD 200/-

Important Dates

Last Date of Abstract Submission	30th June 2022
Notification of Acceptance	15th July 2022
Full Length Paper Submission	31st August 2022
Last Date of Payment of Registration Fee	31st August 2022
Conference Dates:	October 4-6, 2022

Jointly Organized by

Department of Mathematics
Department of Aeronautical & Automobile Engineering
Department of Mechanical & Manufacturing Engineering
Manipal Institute of Technology, Manipal



ICRAFM-2022

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