



School of Advanced Sciences, VIT-AP University Presents

International Conference on Advances in Transport Phenomena

ICATP 2022 - A Virtual Meet

July 16 – 18, 2022

CALL FOR PAPERS

Speakers:

Prof. Katepalli Sreenivasan

New York University, USA

Prof. Vemuri Balakotaiah

University of Houston, USA

Prof. Jitesh Gajjar

University of Manchester, UK

Prof. Alan Jaffrey Giacomini

Queen's University, Canada

Prof. Pradeep G. Siddheshwar

CHRIST (Deemed to be University)

Bengaluru, India

Prof. Rama Govindarajan

ICTS, Bengaluru, India

Prof. Suman Chakroborty

IIT Kharagpur, India

Prof. P. V. S. N. Murthy

IIT Kharagpur, India

Prof. Manoranjan Mishra

IIT Ropar, India

Dr. S. V. Raghurama Rao

IISc Bangalore, India

Dr. Sreepriya Vedantam

CSIR-IIT, Hyderabad, India

Dr. Anirudh Singh Rana

BITS Pilani, India.

About the Conference:

The conference aims at providing in depth knowledge about the recent advances in a wide range of areas under the topic "Transport Phenomena" which can be used to solve a plethora of real world problems. Transport phenomena can be found from nano-scale to macro-scale, from single-phase to multiphase, from non-reactive to reacting flows, and for applications in different space and domains. Some of the scientific areas covered under this topic are Convective Heat and Mass Transfer, Physiological Fluid Mechanics, Micro-fluidics, Rheology, and other related areas. The speakers invited for talks in the conference are eminent researchers from top institutions with expertise in different areas of Transport Phenomena and Fluid Mechanics. This conference would benefit post-graduate students, research scholars and young faculty members to get exposure on various areas of Transport Phenomena and would also give them the opportunity to collaborate with top researchers from these fields worldwide.

- All accepted extended abstracts/posters will be published (online) in the conference booklet (with ISBN). Papers for the submitted abstracts/posters must be presented by one of the authors at the conference.
- The AIP journal, "Physics of Fluids" also welcomes submissions from the contributors of this conference.

Scope of the Conference:

Authors are invited to present only their original and unpublished work including the topics given but not limited to:

TP01: Heat and Mass Transfer

TP02: Experimental/Computational Fluid Dynamics

TP03: Transport in Porous Media

TP04: Transport Phenomena in Multiphase Systems

TP05: Environmental Systems

TP06: Bio-thermal Fluid Dynamics

TP07: Aerodynamics

TP08: Reacting Flows

TP09: Micro and Nano-scale Transport

TP10: Turbulence and Flow Instabilities

TP11: Transport Phenomena in Physiological Systems

TP12: Applied Mathematics and Computation

TP13: Statistical Analysis in Transport Phenomena

Submission of Extended Abstract through

<https://easychair.org/my/conference?conf=icatp2022>



Registration Fee:

Indian participants (only participation)	250 INR
Indian participants (Abstract/Poster presentation)	500 INR
Foreign participants (only participation)	10 USD
Foreign participants (Abstract/Poster presentation)	20 USD

Important Dates:

Opening Date of the Extended Abstract/Poster submission	May 10, 2022
Last Date of the Extended Abstract/Poster submission	June 15, 2022
Notification of Acceptance	June 20, 2022
Submission of Camera Ready Extended Abstract	June 25, 2022
Last Date of Registration	July 5, 2022

Conference website: <http://icatp2022.com>

Contact us: icatp22@vitap.ac.in

For more info, please visit: <https://vitap.ac.in/school-of-advanced-sciences/>
or write to secretary.sas@vitap.ac.in

