



CALL FOR PAPERS

ICCFDM 2021
Sep 09-10, 2021
Tokyo, Japan

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICCFDM 2021 : International Conference on Computational Fluid Dynamics and Mechanics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Computational Fluid Dynamics and Mechanics. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Advances in Numerical Modeling for
Turbomachinery Flow Optimization
Aeroacoustics and Thermoacoustics
Aeromechanics and Aerodynamics
Algorithmic Developments in CFD
Applications in Computational Fluid
Dynamics
Bio-Inspired Fluid Mechanics
Cavitation and Multiphase Flow
Forum
CFD Verification and Validation
Computational Fluid Dynamics
Computational Fluid Dynamics of
Nuclear Engineering Applications
and Systems
Convective Heat Transfer in Single
Phase Flow
Development and Applications of
Immersed Boundary Methods
DNS, LES and Hybrid RANS/LES
Methods

Drop Formation and Spray Dynamics
Flow Applications in Aerospace
Flow Manipulation and Active
Control: Theory, Experiments and
Implementation
Flow-Induced Vibration and Noise
Flow-Sound Interactions
Fluid Flows in Tissues and
Biomedical Devices
Fluid Machinery
Fluid Measurements and
Instrumentation
Fluid Power
Fluid-Particle Interactions in
Turbulence
Fluid-Structure Interaction and
Flow-Induced Noise in Industrial
Applications
Fundamental Issues and Perspectives
in Fluid Mechanics
Gas-Liquid Two-Phase Flows