

The 4th International Symposium on Thermal-Fluid Dynamics

ISTFD 2023

Call For Papers

Nanjing, China **27-29 July 2023.**
www.istfd.com

Honorary Chair

Prof. Tassos G. Karayiannis
Brunel University London, UK

Chairman

Prof. Jinglei Xu
Nanjing University of Aeronautics and Astronautics, China

Co-Chair

Prof. Bofeng Bai
Xi'an Jiaotong University,

Dr. Lixin Cheng
Sheffield Hallam University, UK

Dr. Qinling Li
Sheffield Hallam University, UK

Dr. Yun Wu
Science and Technology on Plasma
Dynamics Laboratory, China

Dr. Liangyu Zhao
Beijing Institute of Technology, China

Conference secretary

Dr. Haibin Zhang Xi'an Jiaotong University hb-zhang@mail.xjtu.edu.cn

Objective

The aim of this ISTFD is to provide a forum to bring together researchers from across the scientific disciplines in the field of thermal & fluid to promote communication across these different disciplines and to provide a platform for the presentation of cutting-edge research work and applications. The topics below are not meant to be too prescriptive but should be used as a general guide for submission.

- Aerodynamics
- Multiphase Flow, Heat and Mass Transfer
- Combustion
- Particle, Bubble and Drop Dynamics
- Spray and Mixing
- Cavitation and Cavitating Flow
- Experimental Methods/Techniques
- Computation Methods
- Microscale and Nanoscale Fluid Flow, Heat and Mass Transfer
- Fluid Flow, Heat and Mass Transfer in Sustainable Technologies
- Thermal Management in Emerging Technologies
- Heat Transfer Enhancement and Process Intensification
- Interdisciplinary Research
- Artificial intelligence in Thermal-Fluid Dynamics
- Engineering Application Research

Abstracts

Submit your abstracts to the conference via www.istfd.com, by **May 20, 2023**. Template and instructions are available on the website. Notification of presentations acceptance: by **June 15, 2023**.

Papers

Special issues will be published in SCI indexed journals: Physics of Fluids, Heat Transfer Engineering, Heat Transfer Research and Journal of Enhanced Heat Transfer. The manuscripts will undergo a full peer review and authors will be notified the publication procedure and schedule.

Scientific Committee

Matteo Bucci (MIT, USA)
Lin Chen (CAS, China)
Longfei Chen (BUAA, China)
Pedro Jorge Coelho (ULisboa, Portugal)
Afshin Ghajar (OSU, USA)
Alan Jeffrey Giacomini (Queen's, Canada)
Zhaoli Guo (HUST, China)
Zhixiong Guo (RUNB, USA)
Wang Han (BUAA, China)
Li He (Oxford, UK)
Marc Hodes (TU, USA)
Hui Hu (ISU, USA)
Ningde Jin (TJU, China)
Boo Cheong Khoo (NUS, Singapore)
Johannes Kiefer (UB, Germany)
Ali Kosar (SU, Turkey)
Ri Li (UBC, Canada)
Shuiqing Li (THU, China)
Hailong Liu (UJS, China)
Mingyan Liu (TJU, China)
Moubin Liu (PKU, China)
Kun Luo (ZJU, China)
Lin Ma (TUOS, USA)
Christos N. Markides (Imperial, UK)

Alfonso William Mauro (UNINA, Italy)
Josua Meyer (SU, South Africa)
Dariusz Mikielwics (GUT, Poland)
Demetrios Papageorgiou (Imperial, UK)
Gherhardt Ribatski (USP, Brazil)
Li Rong (AU, Denmark)
Khellil Sefiane (Edin, UK)
Yansong Shen (UNSW, Australia)
Lapmou Tam (UM, China)
Gretar Tryggvason (JHU, USA)
Junye Wang (AU, Canada)
Yuan Wang (NUDT, China)
Rongfu Wen (DUT, China)
Feng Wu (CGTE (Sichuan), China)
Guodan Xia (NJUT, China)
Jinliang Xu (NCEPU, China)
Lijun Xu (BUAA, China)
Hong Yan (NPU, China)
Luwei Yang (TIPC-CAS, China)
Ning Yang (IPE-CAS, China)
Mindi Zhang (BIT, China)
Xinrong Zhang (PKU, China)
Wenqi Zhong (SEU, China)

ISTFD 2023 SPONSORS

