



an Open Access Journal
Published by MDPI

International Journal of Thermofluid Science and Technology

[mdpi.com/
journal/
ijtst](https://mdpi.com/journal/ijtst)



Message from the Editor-in-Chief

Welcome to *International Journal of Thermofluid Science and Technology (IJTST)*, an international, fully peer-reviewed, open access journal. From its inception, *IJTST* has rapidly established itself as a valuable platform for advancing research in heat transfer, fluid dynamics, thermodynamics, and combustion, as well as their applications to a wide range of engineering sectors, serving a broad international scientific and technological community and audience. It offers a wide range of article types to support diverse scholarly contributions, accepting submissions of review articles, research papers, technical notes, invited tutorials, book reviews, and discussions.

You are invited to submit your articles, should they fall under the scope and types of submissions mentioned above. For more detail on the scope, please visit <<https://www.mdpi.com/journal/ijtst>> or read the information provided in this flyer. We look forward to and highly appreciate your potential contribution and support.

Editor-in-Chief

Prof. Dr. Xiande Fang

Aims

International Journal of Thermofluid Science and Technology (ISSN 3043-1107) is a free-access and peer-reviewed online journal that disseminates information of permanent interest in the areas of heat transfer, fluid dynamics, thermodynamics, and combustion among researchers and engineers worldwide. It accepts submissions of review articles, research papers, technical notes, invited tutorials, book reviews, and discussions, all of which are subject to rigorous peer review.

Scope

Contributions to this journal may consist of results from theoretical research, fundamental studies, mathematical modeling, numerical simulations, experimental investigations, as well as their applications to a variety of industrial sectors regarding any relevant current and emerging topics, including but not limited to:

- Heat and mass transfer: Convective, conductive, and radiative heat transfer; Multiphase flow and heat transfer, boiling, and condensation; Microscale and nanoscale heat transfer, et al.
- Fluid dynamics: Complex flows and complex fluids; Laminar and turbulent flow; Aerodynamics; Fluid–structure interaction, et al.
- Thermal engineering: Thermal management and thermal environmental control; Power engineering; Thermodynamic cycle and systems; Combustion and reactive flows, et al.
- Aerospace: Aircraft environmental control and life support; Thermal protection for supersonic and hypersonic flight vehicles; Thermal–fluid–structure interaction in aircraft; Aeroengine and propulsion
- Energy and built environment: Energy production and conversion; Renewable energy; Hydrogen energy; Nuclear energy, et al.
- Other related topics

Author Benefits

Open Access

Unlimited and free access for readers

No Copyright Constraints

Retain copyright of your work and free use of your article

Thorough Peer-Review

Discounts on Article Processing Charges (APC)

If you belong to an institute that participates with the MDPI Institutional Open Access Program

No Space Constraints, No Extra Space or Color Charges

No restriction on the maximum length of the papers, number of figures or colors

Rapid Publication

A first decision is provided to authors approximately 28.5 days after submission; acceptance to publication is undertaken in 6.8 days (median values for papers published in this journal in the first half of 2026)

MDPI is a member of, or collaborates with, the following organizations

CASPA



STM¹



SPARC*
Europe



DOAJ



ORCID

Partner Society:

Nanjing University of Aeronautics and Astronautics (NUAA)

Affiliated Society:

International Conference on Vertex Flow Mechanics (ICVFM)



Editorial Office

ijtst@mdpi.com

MDPI

Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

mdpi.com

August 2026

