



## Numerical Heat Transfer and Fluid Flow 2024

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submissions:

**31 December 2024**

### Message from the Guest Editor

This Special Issue on “Numerical Heat Transfer and Fluid Flow 2024” in the scientific journal *Energies* is addressed to specialists from all over the world who deal with mathematical modeling and experiments on heat and fluid flow. We welcome papers dealing with solutions of problems of scientific and industrial relevance in the broad fields of heat transfer and fluid transportation, including natural resources, biomedical, industrial processes, etc. Papers addressed to the Special Issue will not only solve specific engineering problems but will serve as a catalyst on future directions and priorities in numerical heat transfer and fluid flow.

Topics of interest for publication include, but are not limited to, the following:

- Numerical simulations of mass and/or heat transfer
- Computational fluid dynamics
- Experiments and simulations of single or multiphase flows, including Newtonian and non-Newtonian fluids
- Modeling, optimization, and control of heat transfer and fluid flow
- Mini and microflows
- Turbulence
- Modelling of turbulence
- Flowing phase interactions
- Energy saving processes, including an increase or decrease in frictional losses and/or heat transfer.





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## Message from the Editor-in-Chief

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