

## Special Issue

# New Perspectives in Computational Thermal Fluid Dynamics Studies

### Message from the Guest Editors

Computational studies have become extremely important to help improve our understanding of the thermal fluid dynamic behavior within systems. For instance, numerical simulations can be used in heating, ventilation and air conditioning (HVAC) systems in order to optimize the efficiency of these components and, as a consequence, to enhance energy savings in buildings. This Special Issue is dedicated to new perspectives in computational thermal fluid dynamics. Papers addressing, but not limited to, the following topics are welcomed:

- Computational thermal fluid dynamics (CFD);
- Constructal theory;
- Phase-change materials;
- Heating, ventilation and air conditioning (HVAC) systems;
- Heat pumps.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 May 2023)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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