

Special issue: "New Perspectives in Computational Thermal Fluid Dynamics Studies"

Journal: Applied Sciences (MDPI)

Dear Colleagues,

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 of the journal Applied Sciences (MDPI) 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.

The special issue is now open and the deadline for submission is 20 May 2023.

All specific information can be found at the link:

https://www.mdpi.com/journal/applsci/special_issues/8SO4MCJ47T

Best Regards,

Prof. Cesare Biserni

Dr. Claudia Naldi

Guest Editors