



## New Insights into Heat and Mass Transfer

Guest Editor:

**Dr. Miguel R. Oliveira Panão**

Department of Mechanical  
Engineering, Rua Luis Reis  
Santos, University of Coimbra,  
3030-788 Coimbra, Portugal

Deadline for manuscript  
submissions:

**closed (30 May 2023)**

### Message from the Guest Editor

Dear Colleagues,

Heat transfer and mass transfer are processes modeled by similar mathematical equations in the case of diffusion and convection. Many engineering disciplines cover heat and mass transfer principles, from theoretical research to fundamental studies, mathematical modeling, numerical simulations, and experimental investigations. Its applications cover equipment, systems, processes, or materials.

The topics of interest include new insights but are not limited to the following: relativistic heat conduction, energy conversion and storage systems, heat exchangers, fuel cells, heat pipe, heat transfer enhancement, thermophysics, computational techniques in conduction, convection, and radiation heat transfer, thermal engineering, mass transfer phenomena and engineering, energy conversion, flow architecture optimization in convective heat transfer, informational analysis in heat transfer, ANN for modeling heat and mass transfer, radiative cooling engineering.





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Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
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## 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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*Applied Sciences* Editorial Office  
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