

Special Issue

New Insights in Nano Technology for Heat Transfer

Message from the Guest Editors

This Special Issue aims at researching innovative solutions to enhance the two-phase heat transfer by the introduction of advanced materials, nano-depositions, nano-coatings, surface treatments, and enhanced nano- and micro-geometries. The Special Issue covers the following topics: nano-/micro-scale heat conduction, nano-/micro-scale phase changes, nano-/micro-scale convection, and nano-/micro-scale radiative heat transfer. Original research papers in both experimental and theoretical aspects are welcome, and all manuscripts will be peer-reviewed.

Guest Editors

Dr. Bernardo Buonomo
Prof. Oronzio Manca
Prof. Dr. Sergio Nardini

Deadline for manuscript submissions

closed (15 November 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/79520

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)