

## Special Issue

# Simulation, Numerical Calculation and Energy Transport of Nanofluids

### Message from the Guest Editor

Nanomaterials are at the heart of nanotechnology, crystal engineering, thermal engineering, material science, and physics. They improve the heating phenomenon, control crystal bonding, and comprise layered materials. Experimentally supported research proves that the interaction of different types of nanoparticles is more effective to enhance the thermal transportation phenomenon. It has been commonly observed that mathematical modelling of nanofluid problems results in complex non-linear differential equations. Various numerical techniques have been implemented to compute the simulation of such problems.

---

### Guest Editor

Dr. Sami Ullah Khan

Department of Mathematics, Namal University, Mianwali 42250, Pakistan

---

### Deadline for manuscript submissions

closed (31 October 2023)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/159759](https://mdpi.com/si/159759)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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

[appls](https://appls.mdpi.com)





# 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 )