

Special Issue

Fluid Dynamics and Magnetogasdynamics

Message from the Guest Editor

The recent study related to the Newtonian and non-Newtonian fluids with their valuable importance in engineering and in industry have been a source of inspiration to the researchers during few decade. The research interest and practical applications have produced a considerable interest in obtaining analytical or numerical solutions to the fluid flow problems. Some of their known applications are biological fluid movements, wire coating, food processing, plastic manufacturing, and so forth. In recent years, numerous researchers have been working on the flow and heat transfer characteristics of Newtonian and non-Newtonian fluids. However, many theoretical analyses, experimental studies, and practical applications remain to be further explored. The nonlinear models can be used to model various physical phenomenons happening around us. During the last few decades, the study of non-linear evolution equations has received much attention as these equations play an important role in the modeling of various physical problems in diverse fields of nonlinear science, such as fluid mechanics, plasma physics, chemical physics, nuclear physics, solid-state physics...

Guest Editor

Dr. Gorakh Nath

Motilal Nehru National Institute of Technology, Allahabad, Prayagraj
211004, India

Deadline for manuscript submissions

closed (30 November 2023)



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/150285

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

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





Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



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



About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

Prof. Dr. Sergei Odintsov

1. ICREA, 08010 Barcelona, Spain

2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

Author Benefits

Open Access:

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

High Visibility:

indexed within SCIE (Web of Science), Scopus, CAPus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)