



Symmetry Principles in Quantum Science and Technology

Guest Editor:

Prof. Dr. Jan Śladowski

Institute of Physics, University of
Silesia, 75 Pułku Piechoty 1, PL
41-005 Chorzów, Poland

Deadline for manuscript
submissions:

closed (20 January 2026)

Message from the Guest Editor

Dear Colleagues,

Symmetry is a ubiquitous concept in science. The history of science teaches us that the pursuit of a better understanding of symmetry was one of the driving forces in the development of science and, above all, mathematics. It is difficult to overestimate the importance of symmetry in broadly understood science and technology, and mathematical modeling without the concept of symmetry would be a completely different science. This Special Issue aims to highlight the role of symmetry in pure and applied sciences. We invite contributions of both theoretical and applied types. Authors are encouraged to submit their original research results and, possibly, reviews. Potential topics dealing with, but not limited to, the following subheadings will be deemed suitable for publication in this Special Issue:

- Symmetry in science and art;
- Approximate symmetry and symmetry breaking;
- Group theoretical methods in science;
- Mathematical modeling;
- Generalized notions of symmetry.





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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, Embase, CAPlus / SciFinder, and other databases.

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

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)