

Special Issue

Flavor Symmetry

Message from the Guest Editor

Flavour physics is an important part of elementary particle physics. It has played an important role in the construction of the standard model. Flavour physics continues to play a large role, both in determining the parameters of the standard, and in putting limits on physics beyond the standard model. Symmetry has been a constant presence in interpreting data from flavour physics and understanding the theoretical concepts behind it. This Special Issue will concentrate on the uses of symmetry in flavour physics including isospin, chiral symmetry, $SU(3)_V$ symmetry, as well as heavy-quark symmetry and possible horizontal flavour symmetries. Models for quark masses, especially if based on underlying symmetries, and their effects on flavour physics are also included.

Guest Editor

Prof. Dr. Johan Bijnens

Department of Astronomy and Theoretical Physics, Lund University, S
223 62 Lund, Sweden

Deadline for manuscript submissions

closed (31 October 2016)



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/7068

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)