

# Special Issue

## Symmetry and Complexity, 4th Edition

### Message from the Guest Editor

Dear Colleagues,

- Symmetry and complexity are two fundamental features of almost all phenomena in nature and science. Any complex (physical, engineering, biological, economical, and computational) model is characterized by the existence of some symmetries at different scales. On the other hand, breaking the symmetry of a scientific model has always been considered the most challenging task for new discoveries. Modelling complexity has recently become an increasingly popular subject, with an impressive growth in applications. The main goal of modelling complexity is to search for hidden or broken symmetries, patterns, and categories.
- Usually, complexity is modelled by dealing with Big Data or dynamical systems, depending on a large number of parameters...
- You may find more details here:  
[https://www.mdpi.com/journal/symmetry/special\\_issues/H2822K00Y2](https://www.mdpi.com/journal/symmetry/special_issues/H2822K00Y2).

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### Guest Editor

Prof. Dr. Carlo Cattani

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### Deadline for manuscript submissions

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# Symmetry

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## 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.

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### Editor-in-Chief

Prof. Dr. Sergei Odintsov  
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