

## Special Issue

# Symmetry in Computational Intelligence and Applications

### Message from the Guest Editors

This Special Issue covers symmetry/asymmetry phenomena on computational intelligence methods and applications in different fields, including: artificial intelligence, cognitive approaches, web intelligence, knowledge mining, cybernetic, cyber-physical systems, cloud computing, telecommunications, computer vision, virtual reality, and bioinformatics. We hope to spread information among researchers, designers, manufacturers, and users in this exciting field with this Special Issue.

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### Guest Editors

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Dr. Lucas Dias Hiera Sampaio

Dr. Henrique Yoshikazu Shishido

Dr. Cléber Gimenez Corrêa

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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

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