



an Open Access Journal by MDPI

# Symmetry of Perception and Behaviour

Guest Editors:

### **Message from the Guest Editors**

**Prof. Dr. Tadamasa Sawada** School of Psychology, Higher School of Economics, Moscow, Russia

Prof. Dr. Chien-Chung Chen Department of Psychology, National Taiwan University, Taiwan

Deadline for manuscript submissions: closed (31 October 2020)

Symmetry is ubiquitous in our everyday life. Many objects are symmetrical, and their surfaces are often covered with symmetrical patterns. The visual aesthetics of symmetry have been well regarded in art, and the sensitivity of the visual system to symmetry has frequently been studied in visual science. Our sensitivity to symmetry often rests on teleological explanations, but recent studies have shown that the visual system makes use of the symmetry of objects and patterns to perceive them veridically. We now possess computer vision theories and models that are based on the symmetry of objects and patterns. This Special Issue is devoted to empirical and theoretical studies of the role symmetry plays in human, computer, and animal vision in our everyday life.



**Special**sue





an Open Access Journal by MDPI

### **Editor-in-Chief**

#### Prof. Dr. Sergei D. Odintsov

 Institució Catalana de Recerca i Estudis Avançats (ICREA), Passeig Luis Companys, 23, 08010 Barcelona, Spain
Institute of Space Sciences (ICE-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

### 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.

# **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), CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

**Journal Rank:** JCR - Q2 (*Multidisciplinary Sciences*) / CiteScore - Q1 (*General Mathematics*); Q1 (*Physics and Astronomy*); Q1 (*Computer Science*)

# **Contact Us**

*Symmetry* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/symmetry symmetry@mdpi.com X@Symmetry\_MDPI