

## Special Issue

# Advances in Topology and Algebraic Geometry

### Message from the Guest Editors

The importance of algebraic geometry and topology is well recognized due to the discovery of fundamental knowledge and applications in physical and biological sciences, including engineering. These two fields are closely interrelated with vibrant research. The mathematical symmetry phenomena often appear in topological manifolds and polynomial algebras. The symmetry appears in topological and algebraic structures within the spaces, including the mirror symmetry. Historically, the pioneering contributions in these fields were made by various eminent mathematicians, including Hilbert, Zariski, van Kampen, Urysohn, Alexandroff, Krull, and Noether, to name a few. This Special Issue, titled *Advances in Topology and Algebraic Geometry*, aims to follow the current pioneering research methods in the field. Authors are invited to submit original research contributions and reviews in these fields. All submitted papers will undergo the standard review process of MDPI.

### Guest Editors

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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

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