

## Special Issue

# Recent Developments in Differential Geometry and Its Applications

### Message from the Guest Editors

We provide an opportunity to present the latest achievements in many branches of theoretical and practical studies of mathematics, in relation to the theory behind the manifold applications of differential geometry and calculus of variations. Among the topics that this issue will address, consider the following non-exhaustive list: curve flow, mean curvature flow, Heisenberg space, pseudo-Euclidean space, centro-affine geometry, Equicentro-affine geometry, Minkowski space, differential invariants, numerical calculations, geometric physics, Lie groups and Lie algebras, global analysis, Fiber bundles and connection theory, Riemannian geometry, symplectic geometry and Poisson geometry. New ideas are also welcome in addition to the above topics.

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### Guest Editors

Dr. Yanhua Yu

Prof. Dr. Yu Fu

Dr. Yun Yang

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### Deadline for manuscript submissions

30 September 2025



## Axioms

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*Axioms*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[axioms@mdpi.com](mailto:axioms@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Axioms* is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics, Computer Science and Mathematics, Public  
University of Navarra, 31006 Pamplona, Spain

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