Special Issue

New Trends in Differential Geometry and Geometric Analysis

Message from the Guest Editors

This Special Issue aims to highlight recent developments and directions in differential geometry and geometric analysis, two fields that lie at the heart of many significant advances in mathematics and its applications. These areas have seen remarkable progress through the interplay of geometric intuition and analytical techniques, yielding deep insights into the structure and behavior of spaces and mappings. We welcome contributions on a wide range of topics, including differential geometry of curves, surfaces and manifolds, Riemannian and complex geometry, spaces with non-symmetric affine connection, Minkowski spaces, dual spaces, shape and energy of geometric objects, geometric knot theory, geometric flows, geometric partial differential equations, variational methods in geometry, and applications to related fields such as topology and mathematical physics. All related topics within the broader scope of differential geometry and geometric analysis are welcome for this Special Issue.

Guest Editors

Dr. Marija S. Najdanović

Faculty of Sciences and Mathematics, University of Priština in Kosovska Mitrovica, 38220 Kosovska Mitrovica, Serbia

Prof. Dr. Ljubica Velimirovic

Department of Mathematics, Faculty of Sciences and Mathematics, University of Niš, 18 000 Niš, Serbia

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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