# Advances of Machine Learning and Their Applications

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## Message from the Guest Editors

Recently, there has been an increase in the use of statistical models to understand the phenomena that occur in different areas of knowledge. The reality we face is a multifactorial phenomenon in which its components are intrinsically interrelated and therefore, the approach to its analysis involves the use of multivariate techniques, including Machine Learning methods. In this sense, this Special Issue focuses on new proposals for data analysis or the use of existing techniques to provide solutions to problems encountered in different fields of science and industry. We invite researchers to publish and disseminate their recent achievements in this field through high quality articles on the pioneering use of multivariate data analysis methods. Proposals for new developments are also welcome.

# Special Issue

## Editor-in-Chief

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## 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.

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