Machine Learning and Statistical Learning with Applications

Guest Editors:

Prof. Dr. Guang Lin
Departments of
Mathematics/Mechanical
Engineering/Statistics
(Courtesy)/Earth, Atmospheric,
and Planetary Sciences
(Courtesy), Purdue University,
West Lafayette, IN 47907, USA

Dr. Zecheng Zhang
Department of Mathematics,
Florida State University (FSU),
Tallahassee, FL, USA

Dr. Christian Moya
Departments of Mathematics,
Purdue University, West
Lafayette, IN 47907, USA

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Message from the Guest Editors

With the rapid advancement of artificial intelligence, machine learning, and statistical learning, high-dimensionality, big data, data imbalance, and out-of-distribution data have posed significant challenges for academic and industrial applications. Artificial intelligence models based on machine learning (ML) and statistical learning (SL) are employed in analyzing data. ML methods play significant roles in many research directions. Various machine learning technologies have been developed in diverse application domains. Such technology has solved numerous complex engineering and science problems. Machine learning is one of the fastest-growing active research areas. The Special Issue aims to have a collection of recent advances in machine learning. This Special Issue on "**Machine Learning and Statistical Learning with Applications**" will focus on publishing high-quality original research studies that address challenges in machine learning and statistical learning and their applications in science and engineering.

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Special Issue

Editor-in-Chief

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

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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