



Signal Processing, Machine Learning, and Scientific Computing: Algorithms and Applications

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Message from the Guest Editors

Signal processing, machine learning, and scientific computing are three highly interdisciplinary. Researchers in these areas contribute to the development of innovative algorithms and applications that provide a real breakthrough in a wide variety of fields, such as biomedicine, healthcare, power sector, manufacturing, logistics, supply chain, etc. The boom of big data, the technical advances in modern computers, and the massive growth of the data storage industry have only boosted research in these three areas, allowing the construction and processing of large, heterogeneous, and complex datasets that might serve to build more robust and reliable algorithms.

The aim of this Special Issue is to invite original research manuscripts and high-quality review articles that entail scientific computing, signal processing, and machine learning for addressing challenges in many scientific fields, ranging from engineering and science to medicine and energy efficiency. Manuscripts that address healthcare and power-sector-related problems are particularly welcome for publication in this Special Issue.





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Message from the Editor-in-Chief

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