# Application of Artificial Intelligence in Signal Processing

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Deadline for manuscript submissions:
**closed (20 October 2022)**

## Message from the Guest Editors

The enormous amount of available multimedia information raises important questions in the scientific community as the availability of many data is useless without the ability to properly access, classify, and store them. Even signal processing approaches and methods have benefited from recent advances in artificial intelligence by yielding novel and improved tools for signal classification, prediction, estimation, manipulation, as well as making feasible frameworks available at an exceptionally large scale in both dimensionality and data size. On the other hand, the mathematical foundations of signal processing are contributing to the analysis of the strength and weakness of AI-based methods as well as to their theoretical characterization in order to overcome their inherent weaknesses.

This Special Issue aims to collect contributions related to current trends and open questions in AI and signal processing. Contributions focusing on both longstanding and emergent signal processing applications, advanced computational methods for AI in signal processing, new theoretical results and perspectives, and review papers are welcome.

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Special Issue

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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