



Recent Advances in Signal Processing and Applications

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Message from the Guest Editors

From analog to digital, signal processing is present in almost all domains where it is used to convert and transform data. Signal processing algorithms and techniques allow us to analyze and transform all types of data.

Signal processing is applied in many different applications: image processing, audio processing, speech recognition and synthesis, RADAR and LIDAR processing, model analysis, medical data analysis, weather forecasting, image classification, object detection, image segmentation, etc.

This Special Issue aims to collect studies on recent advances in signal processing and its applications. Potential topics include, but are not limited to:

- Signal processing algorithms for image, data, and audio;
- Algorithms for LIDAR processing;
- Machine learning algorithms for signal processing;
- Signal processing with deep learning;
- New architectures for signal processing;
- Signal processing architectures in FPGA and ASIC;
- Algorithms for speech synthesis and translation;
- Signal processing on the edge;
- Signal processing on devices for the Internet of Things;
- New applications from novel signal processing algorithms;
- Other related topics.





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Message from the Editor-in-Chief

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