



Deep Learning and Signal Processing

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Deadline for manuscript
submissions:

closed (1 May 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims not only to present the application of methods for data processing but also to promote development in the fields of deep learning and signal processing, both independently and combined. Potential topics include, but are not limited to, the following:

- Parametric estimation in signal and data density models;
- Deep neural networks (DNNs);
- Convolution neural networks (CNNs);
- Quantization methods in neural networks;
- Methods of DNN compression;
- Speech recognition;
- Speech synthesis;
- Speaker identification;
- Recognition of emotions in voice signals;
- Face recognition;
- Linear and non-linear prediction in signals;
- Linear and non-linear prediction in time series;
- Estimation of the dynamic range of amplitudes and mean variance of data and signals;
- Methods of signal compression;
- Methods and algorithms for the recognition of disease and disease diagnosis in medical signals.





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Message from the Editor-in-Chief

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