Industrial Machine Learning Application

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Deadline for manuscript
submissions:
closed (20 December 2022)

Message from the Guest Editors

This is an open call for papers, soliciting original contributions considering recent findings in theory, methodologies, and applications in the field of industrial machine learning. Potential topics include but are not limited to:

- Robustness-oriented learning algorithms;
- Machine learning for robotics (e.g., learning from demonstration);
- Continuous and lifelong learning for industrial applications;
- Transfer learning and domain adaptation;
- Anomaly detection and process monitoring;
- ML applications to predictive maintenance;
- ML applications to supply chain and logistics;
- ML applications to quality control;
- ML for flexible manufacturing;
- Deep learning for industrial applications;
- Learning from big data;
- Inference in real-time applications;
- Machine learning on embedded and edge computing hardware;
- Multimodal learning for industrial applications;
- Semantic representation of machine learning models.

Special Issue

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Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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