

Special Issue

Machine Learning and Artificial Intelligence in Engineering Applications: 2nd Edition

Message from the Guest Editors

Artificial intelligence is at our doorstep with deep learning processes supported by services and applications incorporated in healthcare, manufacturing, transportation, and logistic systems. This Special Issue aims to emerge new distributed or cloud-based engineering applications, which involve AI algorithms and services targeting holistic, innovative, and sustainable systems supported by deep learning models. We encourage contributors to publish their work related to intelligent information systems, decision support systems, incident response systems, distributed data collection processes, and deep learning/machine learning architectures and algorithms provided as a service, associated with (but not limited to) the following: Deep learning algorithms for logistics, manufacturing; Smart cities automation models, algorithms, and applications; Transportation and services utilizing AI; Augmented reality, virtual reality services, and applications supported by deep learning processes or LLMs; Smart algorithms and deep learning models, provided as services over distributed and cloud-based decision support systems.

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About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

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