Emerging Industrial Applications: Orchestration of Machine Learning, the IoT, and Blockchain

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Message from the Guest Editors

The significant trend of digital phase-shifts has been synergized by different artefacts—machine learning (ML) and the Internet of Things (IoT) and their associated security measures with the help of Blockchain and distributed ledger technologies. However, these technologies are developing independently, even though they are converging closer and closer to each other. We envisage a steady orchestration and combination of these technologies, formulating real, balanced industrial use-cases and challenges to be resolved—for example, training a binary hash with a machine learning algorithm to fit the result toward distributed ledger and blockchain toward IoT technologies. We also anticipate overlaps with existing consensus algorithms for use in the industrial IoT. It is therefore pivotal to organize and accumulate all such research ideas under a single issue.

Special Issue

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Message from the Editor-in-Chief

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