Special Session on

"Intelligent Edge Computing for Industrial IoT"
Organized by

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Call for Papers

Academics and industry experts are now advocating for going from large-centralized cloud computing infrastructures to computing nodes located at the edge of the network in industrial Internet of Things (IIoT). However, many fundamental questions arise at the same time. For example, how and where to process the learning data are significant issues due to the resource constraints for processing of the raw data at the master and controlled domain. Therefore, edge learning that is being actively investigated by many researchers in several technologies is yet to be applied to intelligent edge computing support engines. Moreover, the selection of a learning algorithm will become a significant factor to be considered. The goal of the workshop is to provide a forum for scientists, engineers and researchers to discuss and exchange novel ideas, results, experiences and work-in-progress on all aspects of intelligent edge computing systems for industrial IoT.

Topics of the Session:
- Edge, fog, and mobile edge computing for Industrial IoT
- Machine learning and computational intelligence for handling big data in Industrial applications
- Information-centric networking and software-defined network for edge intelligence
- Intelligent edge-based mobile computing and analysis
- Multimedia QoS, and traffic management in industrial networks
- Real-time communication interfaces and protocols
- Intelligent infrastructures at the edge
- Hardware testbed or field trial for AI-driven intelligent edge computing for industrial applications
- Security and related considerations in intelligent edge computing