Special Session on

"Emerging Technologies in Industrial Edge Computing"
Organized by

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Call for Papers

Industrial edge computing plays crucial role in the future industrial cyber-physical systems. With massive computing, communication and storage power available from both device and network edge level, agile connectivity, real-time control, data optimization, intelligent applications, security, and privacy protection can be achieved on the edge. This special section is devoted to the latest research results from all perspectives of Industrial Internet and Edge Computing. This special section is focusing on (but not limited to) the following topics.

Topics of the Session:
- New architecture of Industrial Internet and Edge Computing
- Edge Computing driven Industrial IoT
- Edge Communication Technologies (5G, OPC UA over TSN, MQTT etc.)
- Machine Learning on the Edge, Edge AI
- Cloud-Edge Collaboration on Machine Learning
- Data Acquisition, Filtering and Mining on the Edge
- New Software Paradigm and Design Methods for Industrial Edge Computing
- Autonomous Management and Interoperability between Industrial Edge Computing Nodes
- Automatic Code Generation for Industrial Internet and Edge Computing
- Safety and Security of Industrial Edge Computing
- Industrial Applications of Edge Computing