Artificial Intelligence and Advanced Services at the Edge of a Network for Industrial 4.0

Guest Editors:

Dr. Tuan Nguyen Gia
Department of Computing, University of Turku, 20500 Turku, Finland

Dr. Behailu Negash
ThermoFisher Scientific, Ratastie 2, Vantaa, Finland

Message from the Guest Editors

Dear Colleagues,

The Internet of Things (IoT) has transformed industries significantly in many ways, including operating, communicating, data analyzing, and utilizing. The Industrial IoT offers many benefits, including greater energy efficiency, reduced costs, reduced error, predictive maintenance, and improved safety. However, Industrial-IoT-based systems still have challenges. For example, many of them cannot deal with sudden abnormal situations in real time. In addition, IIoT-based systems do not offer artificial intelligence and smart services for decision making in a real-time manner. These limitations can be mitigated or overcome by exploiting artificial intelligence and smart advanced services at the edge of a network. This Special Issue addresses all the essential aspects that are required to make this happen. We encourage papers in all areas related to (but not limited to) this topic, including system architecture, software architecture, IoT systems and services, edge computing, fog computing, use cases, and edge-AI for Industrial 4.0.

For detailed information, please visit here.

Dr. Tuan Nguyen Gia
Dr. Behailu Negash
Guest Editors

Special Issue

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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