Special Issue

Edge Computing in IoT Networks Based on Artificial Intelligence

Message from the Guest Editors

Edge computing and Internet of Things (IoT) are synergic disruptive computational technologies that are already having a massive impact in a wide span of application areas, including connected Industry 4.0, precision agriculture and smart farming, robotics, transportation, energy and smart grids, health, and Fintech, among others. Authors are invited to submit high-quality research articles on topics including (but not restricted to):

- Internet of Things (IoT) and Industrial IoT;
- Sensor and actuator distributed networks;
- Edge computing, edge architectures;
- Edge continuum (edge/fog/cloud computing);
- Machine learning for IoT sensor networks;
- Federated learning;
- Knowledge representation and AI processing in IoT networks;
- Distributed learning AI methods and transfer learning;
- Industrial applications leveraging edge, IoT and AI;
- Adversarial learning and security in edge architectures and IoT networks.

Guest Editors

Dr. Ricardo S. Alonso Rincón

Dr. Iñaki Fernández Pérez

Dr. Sara Rodriguez

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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

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