

Special Issue

Knowledge Transfer in IoT and Edge Computing

Message from the Guest Editors

For this purpose, this Special Issue will be conducted under, but not limited to, the following topics:

- Innovative methods for transferring knowledge between Cloud and Edge;
- Distributed and collaborative knowledge management;
- Novel architectures, protocols, and algorithms in Edge-IoT scenarios;
- Deep Learning and deep reinforcement learning at the Edge;
- Multi-agent reinforcement learning;
- Federated machine learning and federated reinforcement learning;
- Osmotic computing in highly distributed and federated environments;
- Machine learning in cloudlets and Fog computing architectures;
- Knowledge transfer in Mobile Edge Computing architectures;
- Intelligent algorithms to manage software-defined networks and network function virtualization in Edge-IoT scenarios;
- Security and privacy frameworks for transferring data and models in Edge-IoT scenarios;
- Innovative applications of Machine Learning in Edge-IoT scenarios: Industry 4.0, smart cities, healthcare, smart farming, smart energy, etc.

Guest Editors

Dr. Ricardo S. Alonso Rincón

Dr. Javier Prieto

Prof. Dr. Óscar García

Deadline for manuscript submissions

closed (31 May 2022)



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About the Journal

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.

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