



## Knowledge Transfer in IoT and Edge Computing

Guest Editors:

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**Dr. Javier Prieto**

**Prof. Dr. Óscar García**

Deadline for manuscript  
submissions:

**closed (31 May 2022)**

### 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.





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## Message from the Editor-in-Chief

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