Special Issue

Machine Learning for the Internet of Things: Challenges, Solutions and Future Directions

Message from the Guest Editors

The following are some of the topics proposed for this Special Issue (but you are not limited to only these):

- Programming models and algorithms for edge-to-cloud environments;
- Systems for data processing on cloud platforms;
- Data analysis workflows for distributed environments;
- Distributed data analytics;
- Big data management in IoT environments;
- Simulation and emulation tools for IoT applications;
- Industrial Internet of Things applications;
- IoT systems for supporting decision making in smart cities;
- Health monitoring systems based on IoT;
- Big data analytics and applications of IoT data;
- Applications of machine learning in big data;
- Libraries, algorithms, and applications for big social data analysis;
- Machine learning applications for IoT environments;
- Techniques for distributing workloads on the edge-to-cloud continuum;
- Real-time IoT data analysis using machine learning techniques;
- Edge-to-cloud continuum system for IoT environments;
- Distributed intelligence on the edge-to-cloud continuum;
- Simulation scenarios for IoT systems;
- Privacy preserving in edge-to-cloud environments.

Guest Editors

Dr. Fabrizio Marozzo

Department of Informatics, Modeling, Electronics, and Systems Engineering (DIMES), University of Calabria, 87036 Rende, Italy

Dr. Loris Belcastro

Department of Informatics, Modeling, Electronics and Systems (DIMES), University of Calabria, 87036 Rende, Italy

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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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