Semantic Web Technologies for the Internet of Things: Interoperability and Enriched Service Provision

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Deadline for manuscript submissions:
closed (20 March 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to present high-quality research and recent technology advances towards Semantic Web Technologies applied to the Internet of Things for favoring interoperable scenarios and the provision of enriched services.

You are invited to submit original papers that present significant advances of the state of the art regarding Semantic Web Technologies for the Internet of Things, including but not limited to the following topics:

- Web of Things;
- Semantic modeling;
- Semantic reasoning aided by machine learning;
- Big Data integration in Semantic Web of Things;
- IoT ontologies;
- Optimization of the Semantic Web of Things;
- Service provision optimization through Semantic Web of Things;
- Standardization activities on Semantic IoT;
- Application, deployment, testbed and experiments in Semantic Web for IoT;
- Privacy and security of IoT data using semantics.

Special Issue

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Message from the Editor-in-Chief

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