Special Issue

Applications of Simulation for Engineering Intelligent IoT Systems

Message from the Guest Editors

The integration of the Internet of Things (IoT) and artificial intelligence technologies have enabled novel types of applications and services, referred to as Intelligent IoT (IIoT) systems, which can be applied in different domains, such as smart cities, building automation, transportation and logistics, healthcare, and crisis management.

In this Special Issue, we welcome novel contributions on the following set of topics of interest, including but not limited to:
- Applications of modeling and simulation for engineering IIoT systems
- Trade-off analysis at IIoT architectural level considering quality attributes, such as security, performance, scalability, etc.;
- Engineering of IIoT systems in
- smart buildings, e.g., systems managing energy consumption
- smart city e.g., systems providing mobility planning and traffic adaptation services in dynamic contexts
- intelligent and autonomous systems, such as self-driving vehicles
- crisis management (including monitoring, prevention, response management, or recovery).

Guest Editors

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Deadline for manuscript submissions

closed (15 February 2023)

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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