

Special Issue

Intelligent Digital Twin-Based IoT Applications: From Industry to Natural Environment

Message from the Guest Editors

In light of the new opportunities offered by the digital twin paradigm, we invite researchers to submit original research and review articles on the theories and practice of diverse intelligent digital twin-based IoT applications. Topics of interest include, but are not limited to:

- Intelligent digital twin architecture;
- Intelligent digital twin applications;
- Digital twin models (ML, data-driven, formal, semantic, etc.) for IoT applications;
- Network digital twins (digital twins for networks);
- Digital twin networks (networks of digital twins);
- Big data analytics and machine learning for digital twins;
- Digital twins for the Industrial IoT and Industry 4.0;
- Digital twins for smart cities;
- Digital twins for smart grids;
- Digital twins for smart agriculture;
- Digital twins for smart manufacturing;
- Digital twins for smart health;
- Digital twins for smart logistics;
- Digital twins for intelligent disaster prevention and management;
- Digital twins for natural environment surveillance;
- Digital twins for social applications.

Guest Editors

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Prof. Dr. Ah-Lian Kor

Prof. Dr. Eric Rondeau

Deadline for manuscript submissions

closed (30 November 2023)



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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.

Editor-in-Chief

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