Special Issue

Intelligent Decision Support Systems and Prediction Models in IoT-Based Scenarios

Message from the Guest Editors

In the Internet of Things era, the continuous exchange of information between devices and humans drives us toward data overloading. This phenomenon can be contrasted with systems that take advantage of contextual information. Context awareness and situational awareness can lead to the design of systems that leverage vast amounts of data to prevent phenomena and assist users in the decision-making process.

This Special Issue's current leading topics are but not limited to:

- Intelligent decision support systems and prediction systems
- Context-aware recommender systems
- Methods and systems for situation awareness
- Machine learning theory, methodology and algorithms
- Knowledge-based systems
- Human–computer interactions
- Pervasive/ubiquitous computing and applications

Researchers are invited to submit their manuscripts to this Special Issue and contribute their models, proposals, reviews, and studies.

Guest Editors

Dr. Mario Casillo

Dr. Marco Lombardi

Dr. Domenico Santaniello

Deadline for manuscript submissions

31 October 2025

About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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