

Special Issue

Semantic and Social Internet of Things

Message from the Guest Editors

In this Special Issue, the focus is on the intersection of semantic, social, and IoT technologies, inviting high-quality research papers discussing different solutions so that the combination of these technologies can lead to the evolution of the Semantic Web of Things (SemWoT), the Social Web of Things (SocWoT), or even the Semantic Social WoT (SemSocWoT). Topics of interest include but are not limited to the following:

- Social Web
- Semantic Web
- Internet of things (IoT)
- Web of things (WoT)
- Semantic IoT/WoT
- Social IoT/WoT.
- Agent-based Social IoT/WoT
- Trustworthy IoT/WoT
- Semantic interoperability in IoT/WoT
- Semantics in sensor networks
- Knowledge/ontology engineering in IoT/WoT
- Semantics for modelling security, privacy, and trust in IoT/WoT
- Semantics for annotating and integrating streaming IoT/WoT data
- Learning semantics from stream IoT/WoT data
- Semantic data management in IoT/WoT
- Ontology-based data access (OBDA), integration and reasoning with heterogeneous, multimodal, and disparate IoT/WoT data
- Semantically enabled IoT/WoT services, alignment, and composition
- Semantic technologies for smart cities

Guest Editors

Dr. Konstantinos Kotis

Department of Cultural Technology and Communication, School of Social Sciences, 81100 Mytilene, Greece

Dr. Christos Goumopoulos

Department of Information and Communication Systems Engineering, School of Engineering, University of the Aegean, 83200 Samos, Greece

Deadline for manuscript submissions

closed (31 May 2024)



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Future Internet
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
futureinternet@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Gianluigi Ferrari
Department of Engineering and Architecture, University of Parma,
Parco Area delle Scienze, 181/A, 43124 Parma, Italy

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