

## Special Issue

# Semantic Interoperability and Knowledge Building

### Message from the Guest Editors

In an increasingly connected world, information systems are becoming more and more complex, and the mass of real-time data that is stored and processed is growing exponentially. This amount of data, mostly heterogeneous from a semantic point of view, must be leveraged to take full advantage of it. Indeed, the diversity of the information systems and the generated data makes the notion of interoperability essential. This invited Special Issue intends to provide an opportunity for researchers to introduce their recent achievements related to semantic interoperability and knowledge building. Semantics-driven design of information system; Ontologies and knowledge-graph-based systems; Semantic interoperability of heterogeneous systems; Semantic provenance and knowledge acquisition; Semantic interoperability and systems alignment; Knowledge-based decision making; Knowledge discovery and reasoning; Semantics-driven Cyber-Physical Systems (CPS); Semantic Artificial Intelligence (AI); Semantic reasoning and machine learning processes.

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### Guest Editors

Prof. Dr. Mohamed Hedi Karray

Dr. Linda Elmhadhbi

Dr. Arkopaul Sarkar

Dr. Antonio De Nicola

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### Deadline for manuscript submissions

closed (30 June 2024)

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MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[information@mdpi.com](mailto:information@mdpi.com)

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*Information* is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

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### Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and Software Engineering, University of Wollongong, Northfields Avenue, Wollongong, NSW 2522, Australia

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