

## Special Issue

# Current Advances in Intelligent Semantic Technologies

### Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue on Current Advances in Intelligent Semantic Technologies. Semantic technologies include approaches to the explicit representation of knowledge in a declarative form, suitable for processing by symbolic reasoning. This Special Issue highlights recent developments in semantic technologies, their integration with machine learning and their applications.

By focusing on semantic AI, reasoning, explainable logic-based decision-making, and ontology integration, this Special Issue provides a platform for advancing intelligent information systems that seamlessly combine rule-based methods, semantic interoperability, and automated deduction.

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### Guest Editors

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### Deadline for manuscript submissions

25 November 2025



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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