

Special Issue

Applications of Semantic Web Technologies

Message from the Guest Editors

The convergence of Semantic Web technologies and AI can revolutionize data management. By enabling data sharing across domains and combining with AI (e.g., machine learning and natural language processing), this integration leads to powerful applications that understand, reason, and make decisions from diverse data. This research is key to overcoming challenges in data interoperability and knowledge representation, benefiting fields like healthcare, finance, and e-commerce. We invite submissions for the upcoming call on Semantic Web Applications with AI, aiming to bring together researchers, practitioners, and experts to explore the latest advancements and opportunities in this integration. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Semantic Web and AI integration
- Ontology engineering and knowledge graphs
- Machine learning and reasoning on the Semantic Web
- Semantic data annotation and linked data
- AI-driven semantic web applications in various domains (e.g., e-commerce)
- Evaluation and benchmarking of Semantic Web and AI applications

Guest Editors

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Deadline for manuscript submissions

closed (18 December 2025)



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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.

Editor-in-Chief

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