Special Issue

Recent Advances in Semantic Web and Ontology Technologies

Message from the Guest Editor

Over the past 20 years, Semantic Web and Ontology Technologies have comprised one of the most prominent research areas focusing on efficient data management and system interoperability. These technologies are at the root of Big Data and are the most reliable way to guarantee sound communication between two systems. In this Special Issue, we aim to present the latest developments in this field, allowing the scientific community to follow advancements in these technologies closely and identify research gaps to be filled. We welcome the submission of original research articles and reviews. Research areas may include (but are not limited to) the following:

- Big Data languages, technologies and applications;
- Semantic Web languages, technologies and applications;
- Foundational Ontologies, Ontology Patterns and Deep Semantics;
- Ethical concerns about the use of Semantic Web and Ontology Technologies;
- Artificial intelligence based on the use of Semantic Web and Ontology Technologies;
- Issues concerning trust, risk and resilience addressed by the use of Semantic Web and Ontology Technologies.

Guest Editor

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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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