



## Ontology-Driven Architectures and Applications of the Semantic Web

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on theoretical and practical problems related to architectures and techniques, as well as the automatic generation of ontology-driven processes, looking at what we may consider to be new information sources, as well as tools for the realization of software applications that are capable of implementing them.

Topics of interest include but are not limited to the following:

- Specification and design of formal and informal ontology representation schemes;
- Ontology-driven framework enhanced with logical rules' integration;
- Tools and environments to support ontology-based system development;
- Enhanced ontology-driven architecture involving emotional states' management;
- Domain modelling and analysis for the application of extra SW inferences;
- Ontology-based application innovative use cases;
- Ontology architectures including explanation capabilities;
- Ontology-based applications for process management and orchestration;
- Ontology-driven architecture for virtual sensor applications;
- Combining OWL reasoners with different types of logical inference.





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## Message from the Editor-in-Chief

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