State-of-the-Art of Knowledge Graphs and Their Applications

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Message from the Guest Editors

This Special Issue will highlight the application of knowledge graphs in practice. Different applications and fields of implementation, such as the automatic classification of entities, knowledge-graph-supported personalization and recommendations, or semantic searches in databases will be the focus.

Contributions should address the State-of-the-Art of knowledge graphs and present their relation to technical foundations, such as the use of ontologies, RDF and SPARQL, from an application-oriented perspective.

Furthermore, another important aspect of this Special Issue is the implementation of knowledge graphs in businesses. This involves the integration of different data sources and the development of novel algorithms to analyze the data.

The application of knowledge graphs also requires a high level of expertise and knowledge management, and close collaboration between data scientists, domain experts and business analysts.

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Special Issue

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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.

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