Journal on Data Semantics

Concepts and Ideas for Building Knowledgeable Systems

ISSN: 1861-2032 (print version)
ISSN: 1861-2040 (electronic version)

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Topics of relevance to this journal include (but are not limited to):

- Conceptual modeling, knowledge representation and reasoning
- Context and context-dependent knowledge representation and processing
- Data, process, workflow, and event modeling
- Integrity description and handling
- Mappings, transformations, reverse engineering and semantic elicitation
- Model-driven approaches
- Ontology theories and languages, ontology-driven applications
- Ontology, schema, data and process integration, reconciliation and alignment
- Provenance, evolution and change management
- Semantic interoperability, semantic mediators, metadata management
- Semantic mobility data and services for mobile users
- Semantics in data mining and knowledge extraction
- Semantics applied to scientific data and workflow management
- Semantics applied to enterprise architecture and enterprise ontologies
- Semantics in business intelligence, analytics and data visualization
- Spatial, temporal, multimedia and multimodal semantics
- Supporting tools and applications of semantic-driven approaches
- Web and social media analytics
- Web semantics and semi-structured data

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Any questions should be addressed to the Editor-in-Chief: Prof. Esteban Zimányi, at estebanzimanyi@gmail.com