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FOIS-Satellite 2025

FOIS 2025 Satellite Events: Ontology Showcase, Demonstrations, and Early Career Symposium

Proceedings of the Satellite Events of the 15th International Conference on Formal Ontology in Information Systems (FOIS 2025): Ontology Showcase, Demonstrations, and Early Career Symposium

Catania, Italy, September 10-12, 2025.

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and for:

Ontology Showcase

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Demonstrations

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Early Career Symposium

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Summary: There were 24 papers submitted for peer-review to the FOIS Satellite events. Out of these, 12 papers were accepted for this volume.

Ontology Showcase

- The Talkidz Ontology: Supporting Clinical Studies Through Semantic Representation of the Speech Pathology Domain
Lia Draetta, Nicola Barbaro, Francesco Petriglia, Andrea Meirone, Rossana Damiano, Cristina Gena
- Building a Biomimetics Core Ontology Using OBO Foundry Principles
Dilek Yargan, Ludger Jansen
- An Ontology to Classify Marine Encounters According to COLREG
Nicola Sabatino, Daniele Porello, Raphael Zaccone
- Ontology-Driven Modelling of Personal Data for Professional Social Media Platforms
Bahadır Aktaş, Luís Ferreira Pires, Rodrigo Calhau, Adem Akbıyık
- EFive: An Ontology Design Pattern for Representing Statistical Variation
David K. Kedrowski, Torsten Hahmann

Demonstrations

- OxO2 - A SSSOM Mapping Browser for Logically Sound Crosswalks
Henriette Harmse, Haider Iqbal, Helen Parkinson, James McLaughlin
- OntoForms: Automated Ontology-Driven Form Generation with Description Logic Reasoning
Bruno Szilagyi, Edelweis Rohrer, Regina Motz
- Assessing Ontology Quality with QASAR
Gonzalo Nicolás Martínez, Francisco Abad-Navarro, Manuel Quesada-Martínez, Astrid Duque, Belén Juanes Cortés, Jesualdo Tomás Fernández-Breis

Early Career Symposium

- The Interoperability Challenge in Waste Management: An Ontological Approach
Elena Milivinti
- Operationalizing Ontologies in the Crime Domain
Rachel A. Mavrovich
- Automatic Ontology Extension for the ChEBI Ontology
Simon Flügel
- Leveraging Ontologies for Entity Subgraph Extraction
Katrina Schweikert