

Knowledge Graph 4S semantics-driven systems Engineering



https://omilab.org/activities/events/caise2025_kg4sdse/

Tuesday, June 17th, 2025 - Morning

09:00 - 10:20 Welcome & Keynote

Chair's Welcome Message, Robert Buchmann

Keynote: TO BE ANNOUNCED

10:30 - 11:00 Coffee Break

11:00 - 11:25 Full paper

Retrieval-Augmented Generation for Entity Alignment in Knowledge Graphs. An Incipient Experiment, Davide Mario Ricardo Bara, Daria Maria Mesesan and Gheorghe Cosmin Silaghi

11:25 - 11:50 Full paper

Dynamic Adaption of Metamodels based on Knowledge Graphs, Alexander Völz, Danial Mohammadi Amlashi and Junsup Song

11:50 - 12:15 Full paper

Using an LLM to Create Situation-Specific Knowledge Graphs Based on a Domain Knowledge Graph: Practical Possibilities and Semantic Challenges, Steven Alter

12:30 - 14:00 Lunch Break

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Vienna, Austria
17. June 2025

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Tuesday, June 17th, 2025 - Afternoon

14:00 - 14:25 Full paper

Towards Industry 5.0 in Tourism Sector through Conceptual Modeling and Semantic Interoperability for Personalized Travel Itineraries, Andreea Popoviciu and Ana-Maria Ghiran

14:25 - 14:40 Short paper

Benchmarking Knowledge Graph Question Answering via Complexity-aware Queries, Balázs Mosolygó, Andreas Lothe Opdahl, Guohui Xiao, Jiaoyan Chen and Ana Ozaki

14:40 - 15:30 Closing discussion with the Audience (moderated by the workshop chairs): Knowledge Graphs in Systems Engineering