**ONTOLLM Workshop 2025 Agenda**

**Co-Located with Explicit and Implicit Knowledge Extraction (EIKE)**

**September 9, 2025**

**9:00 – 12:00 | Session 1**

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| Time | Title | Speakers |
| 9:00 – 9:15 | *University Initiatives* | Kemper Lewis |
| 9:20 – 9:50 | *RAG and Ontologies for Information Retrieval: A Survey* | Bart Gajderowicz, Aviral Bhardwaj and Mark Fox |
| 9:55 – 10:25 | *RAG Architecture to Integrate Ontologies and LLMs to Create a Climate Obstruction Portal* | Michael DeBellis, George Gino, Aadarsh Balaji and Jacob Gino |
| 10:30 – 10:55 | *Populating a Fuzzy Geothematic Ontology from SDG Ontologies and UNECE Data: A Knowledge Extraction Approach* | Giuseppe Filippone, Gianmarco La Rosa, and Marco Elio Tabacchi |
| 11:00 – 12:00 | *Keynote: A Critique of Pure Vectors: Towards a standards-based ontology solution to the problem of context editing in LLM orchestration frameworks* | James Egan and Elliot Risch  Enterprise Knowledge |

**12:00 – 2:00 | Lunch**

**2:00 – 5:00 | Session 2**

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| Time | Title | Speakers |
| 2:00 – 2:25 | *Advanced Planning and Scheduling with Semantic Knowledge Graphs and LLMs* | Nenad Petrović and Milorad Tosic |
| 2:30 – 2:55 | *Challenges in the Convergence of LLMs and Knowledge Graphs for Air Traffic Information Systems* | Douglas Silva Teixeira, José Maria Parente de Oliveira and Nauane Linhares do Nascimento |
| 3:00 – 3:25 | *ADORE: An Agent-Based Architecture for Ontology Evolution from AI-Generated Assertions* | Marco Monti and Ruslan Idelfonso Magana Vsevolodovna |
| 3:30 – 3:55 | *Meanings are like Onions: a Layered Approach to Metaphor Processing* | Silvia Cappa, Anna Sofia Lippolis, and Stefano Zoia |
| 4:00 – 5:00 | *Keynote: No Agent is an Island: Building Collaborative AI for Ontology Development* | Chris Mungall, Berkley Labs |