NORA 2026

NORA: The 3rd Workshop on KNOwledge GRaphs & Agentic Systems Interplay

Proceedings of the Workshop

November 10, 2026

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ISBN 979-8-89176-457-6

Preface by the General Chair

NORA 2026, the 3rd Workshop on KNOwledge GRaphs and Agentic Systems Interplay, held in conjunction with the 5th Asia-Pacific Chapter of the Association for Computational Linguistics (AACL) and the 15th International Joint Conference on Natural Language Processing (IJCNLP), continues to explore the intersection of AI Agentic Systems and Knowledge Graphs (KGs), building on the foundations laid in previous editions.

In recent years, autonomous AI agents have experienced an unprecedented surge in development, catalyzed by the rapid technological advancements of Large Language Models (LLMs). While modern agents benefit immensely from the linguistic proficiency and generation capabilities of these foundation models, they face persistent bottlenecks. Chief among these are the challenges of catastrophic forgetting during continuous deployment and the strict constraints of context window limits, both of which restrict an agent's ability to maintain a long-term, coherent understanding of contextual information.

Concurrently, KGs have solidified their role as a powerful paradigm for structuring, managing, and reasoning over interconnected data. KGs excel at providing the rigorous grounding, integration, and interlinking necessary for complex reasoning tasks. However, leveraging KGs typically demands significant upfront and ongoing investments in construction, curation, and domain expertise. The intersection of these two fields presents a natural and compelling synergy: LLMs offer fluid generation and adaptability, while KGs provide structured, persistent memory and deterministic factual grounding.

The NORA workshop is established to explore, analyze, and discuss this emerging frontier. Our program for the AACL-IJCNLP edition captures novel practices, ongoing research efforts, and deployed industry solutions that bridge the gap between connectionist AI agents and symbolic knowledge management. The call for papers attracted high-quality submissions from intradisciplinary, interdisciplinary, and multidisciplinary researchers, alongside industry practitioners and independent researchers.

The accepted contributions span a rich tapestry of topics, including personal memory and KG, architectures for persistent and shared agent memory, (graph) retrieval-augmented generation, semantic parsing, information extraction and the transformation of unstructured agent experiences into structured knowledge. Furthermore, these proceedings showcase grounded applications demonstrating how the synergy of agents and KGs transforms real-world domains such as enterprise systems, smart personal assistants, legal applications, agriculture, growth marketing and industrial engineering.

We welcomed four types of submissions through four tracks: Research papers, Position & Demo papers, Industry & Use Case presentations, and Short papers. We have also invited ARR commitment from previous ARR cycles. We received a total of 19 submissions, which were reviewed by 43 members of the Programme Committee. The review process was double-blind. Each submission received three reviews. In total, 11 papers were accepted for publication in this volume, including 8 Research papers, 1 Position & Demo paper, and 2 Industry & Use Case papers.

We would like to express our deepest gratitude to the program committee members for their rigorous and insightful reviews, ensuring the high academic quality of the workshop. We also thank the authors for their innovative contributions, our invited speakers for sharing their visionary perspectives, and the AACL-IJCNLP organizing committee for their steadfast logistical support. We hope these proceedings inspire continued collaboration and spark new research trajectories at the intersection of GenAI, NLP, Agentic Systems and Knowledge Engineering.

The NORA Workshop Chairs

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Table of Contents

AMU: Admission and Memory Update for Personalized Conversations —Structured Memory with SLM Guided Control
Tao Hwang and Yishi Diao 1

Remember, Verify, or Ask? Evaluating Memory Decisions at Reuse Time
Baichuan Li, Junyi Yao and Zihao Zheng 15

Failure Modes of Imperfect Relational Context in LLM Document Extraction
Boris Kundu and Pooja Mehta 26

Asterism: A Hebbian-Weighted Knowledge Graph as a Priority Index over Long-Term LLM Memory
Bidit Das 39

Multi-View Contract Graph: A Knowledge Graph-Based Retrieval Framework for Contract Information Extraction
Momojit Biswas and Preethu Rose Anish 53

BD-AgriKG: A Knowledge Graph and Bilingual Text2Cypher Benchmark for Crop Suitability and Productivity in Bangladesh
Md. Aukerul Moin Shuvo and Md Nazrul Islam Mondal 63

Source-Aware Memory Retrieval across Engineering Standards
Sung Tae Yoo and Heyoung Yang 77

Beyond Chunking: Node Integrity and Field Structure in Bengali Retrieval-Augmented Agent Memory
Khan Raiyan Ibne Reza, Sanjana Aktar Maria and Sumaiya Tabassum Nimi 84

KG-SFT Contracts: Auditing Evidence Lineage and Loader Retention in Enterprise RAG Adaptation
Bogdan Roshchupkin, Alexander Litvintsev, Alina Avanesyan, Maria Khodorchenko and Andrei Zhukov 98

Tracing False Speaker Links Through Retrieval and Answering
Dev D. Goyal 109

Tracing Failures through Plant Topology: Propagation Reasoning by a Knowledge-Graph-Grounded LLM Agent
Muhamad Imannulhakim 131