OLYMPIA AI DATA INFRASTRUCTURE SUMMIT 2026



Welcome!

Yannis Tzitzikas
Professor, Vice-Chair, Computer Science Department, University of Crete, and
Affiliated Researcher of FORTH-ICS
Head of the Centre for Cultural Informatics

First time in Crete!

Crete: A 4,000-year Legacy of Innovation

- From the Minoan world to today's research and technology ecosystem





Bronze age

- Engineering
  - Palatial architecture, water supply & drainage
- Information
  - Linear A writing & admin records
- Connectivity
  - Maritime trade
- Creativity
  - Frescoes, ceramics, advanced craftsmanship

Today

- **FORTH**
  - Research excellence in Science
- **University of Crete**
  - Internationally connected academic research
- Step-C
  - Research-industry links & technology entrepreneurship

Olympia 2026 at a glance

OLYMPIA AI DATA INFRASTRUCTURE SUMMIT 2026

“Data shapes memory, Knowledge drives intelligence.”

As AI agents evolve from conversational assistants into **autonomous systems** capable of reasoning, planning and complex task execution, **enterprise AI** is entering a new era.

The summit brings together researchers, engineers and industry pioneers from Europe and around the world to exchange insights on **agent memory, enterprise ontology, semantic data infrastructure, knowledge engineering** and **AI-native application architectures**.

2 days

3 keynotes

15 invited talks

1 panel

WHERE
Megaron Hotel, Heraklion, Crete

WHEN
4–5 November 2026

HOST
FORTH

THEME
Agent Memory & Enterprise Ontology

FORTH INSTITUTE OF COMPUTER SCIENCE

Three key areas of focus

01

Agent Memory Infrastructure

Architectures for long-term memory, contextual reasoning and continuous knowledge accumulation.

RELATED TALKS

Bo Zhao
Jeff Z. Pan
Arijit Khan
Kostas Magoutis
Giorgos Chalkiadakis
Grigoris Tsagkatakis

02

Enterprise Ontology

Semantic models that connect enterprise data, business entities and relationships: a trusted foundation for AI understanding and reasoning.

RELATED TALKS

Diego Calvanese
Martin Doerr
Claudia d'Amato
Diego Collarana
Nikolaos Bassiliades

03

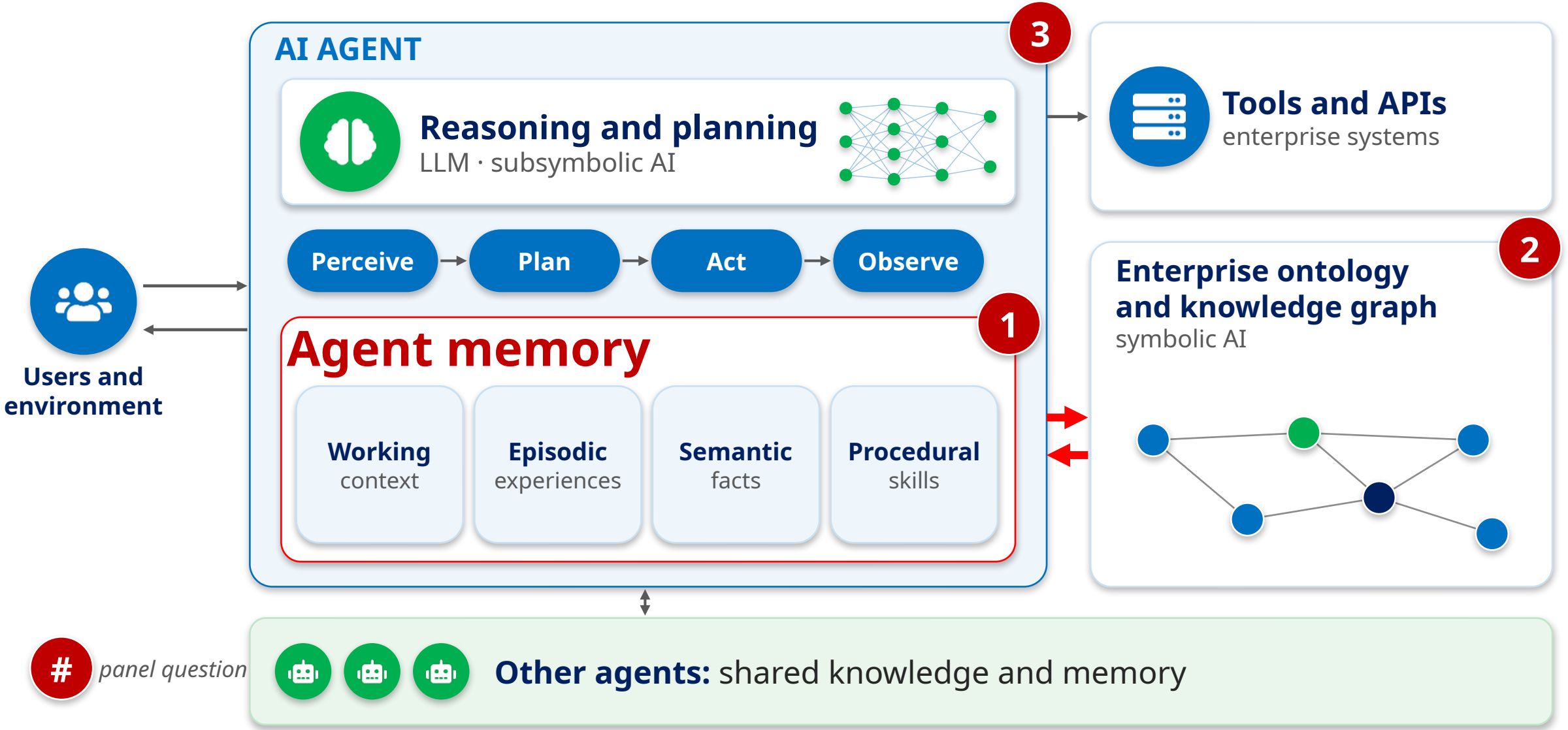
The Future of AI Data Infrastructure

From traditional data management to intelligent infrastructures that support memory, reasoning and AI-native services.

RELATED TALKS

Yannis Ioannidis
Jui Shang-Ling
Ioannis Pitas
Grigoris Tsoumakas
Georgios Paliouras
Panos Vassiliadis

AI agents: where ontology meets memory



The program at a glance

Day 1 · Wednesday 4 November

OPENING — 09:20
Welcome addresses · Opening address (Hong Zhou, Huawei)
Keynote 1: **Joseph Sifakis**

Coffee break

SESSION 1 — 11:10
Foundations of knowledge and agentic AI
Jeff Z. Pan · Martin Doerr · Bo Zhao

***Group photo** and lunch*

SESSION 2 — 14:00
Semantic knowledge engineering for AI agents
Diego Collarana · Nikolaos Bassiliades · Claudia d'Amato

Coffee break

SESSION 3 — 15:50
From semantic extraction to agentic systems
Arijit Khan · Grigoris Tsagkatakis · Georgios Paliouras

CLOSING — 17:10
Recap and closing · Dinner at 18:45 @Petousis

Day 2 · Thursday 5 November

KEYNOTES — 09:00
Diego Calvanese · Yannis Ioannidis

Group photo and coffee break

SESSION 4 — 10:40
Adaptive and decentralised intelligence
Panos Vassiliadis · Ioannis Pitas · Giorgos Chalkiadakis

Lunch

SESSION 5 — 13:30
Operational AI and structural intelligence
Grigoris Tsoumakas · Kostas Magoutis · Jui Shang-Ling

Coffee break

PANEL — 15:20
Ontology and Agent Memory
Turning research into product capabilities

CLOSING — 16:50
Recap, draft joint statement and closing

From ideas to joint next steps

PANEL

Ontology and Agent Memory

Turning research into product capabilities

1. ***What should an AI agent actually remember?***
2. ***How do we keep agent memory consistent, evolving and trustworthy?***
3. ***What is the right architecture for LLMs, ontologies and agent memory?***
4. ***What would it take to build a product capability within two years?***

Closing session

- Synergies arising from the talks
- Potential next steps
- **Draft a joint statement**

Your ideas during these two days will shape the outcome!

Please keep notes of ideas and connections throughout the two days.

Many thanks to FORTH

Foundation for Research & Technology - Hellas

Institute of Computer Science



Many thanks to our partner: Huawei

For the generous support and the close collaboration: we have been working together since July 2026 to make Olympia 2026 happen.

HUAWEI

See Yeen Tan
Huawei

Shen Yan
Huawei

Nikos Ntarmos
Huawei

Yongjian Lyu
Huawei

July 2026
Joint preparation starts

4–5 November 2026
Olympia 2026

FORTH INSTITUTE OF COMPUTER SCIENCE

Many thanks to the local team (FORTH-ICS)



- Lida Harami



- Michalis Mountantonakis

- Maria Moutsaki



Join the what’s all group
(for comments, photos, whatever …)



Welcome again and enjoy!

Welcome again and enjoy!