

CONFERENCE

IN PERSON

ACTIVE

# AIPAA 2026 : Special Session on AI Agents: Progress, Architecture, and Applications

LOCATION	SUBJECT / TOPIC	EVENT DATES	LAST UPDATED
France	General	October 28-30, 2026	1st July, 2026

## DESCRIPTION

### SCOPE

This special session addresses the rapidly evolving field of AI agents, with a focus on their theoretical underpinnings, architectural design, and practical applications. Situated within the broader IJCCI scope of computational intelligence — encompassing fuzzy systems, evolutionary computation, neural networks, and explainable AI — the session explores how these paradigms converge in modern autonomous and semi-autonomous agent frameworks.

The session aims to foster interdisciplinary dialogue among researchers working on agent-based systems, large language model (LLM)-driven agents, and multi-agent coordination, with an emphasis on real-world deployability, interpretability, and safety.

### TOPICS OF INTEREST

- Topics of interest include, but are not limited to:
- LLM-based Agent Architectures and Autonomous Decision-making
- Multi-agent Systems: Coordination, Negotiation, and Emergent Behavior
- Planning, Reasoning, and Tool use in AI Agents
- Memory, Context Management, and Retrieval-augmented Generation (RAG)
- Neuro-Evolutionary and Fuzzy Approaches to Agent Design
- Explainable and Trustworthy AI Agents (XAI for Agents)
- AI Agents in Healthcare, Robotics, Education, and Smart Systems
- Benchmarking, Evaluation Frameworks, and Safety of Agentic AI
- Human-agent Interaction, Collaboration, and Ethical Considerations

### IMPORTANT DATES

- Paper Submission: July 31, 2026
- Authors Notification: September 9, 2026
- Camera Ready and Registration: September 18, 2026

### PAPER SUBMISSION

Prospective authors are invited to submit papers in any of the topics

## KEY DEADLINES

Submission	<b>31st Jul, 2026</b>
Notification	<b>9th Sep, 2026</b>
Camera Ready	<b>18th Jul, 2026</b>
Conference	<b>28th Oct, 2026</b>

## OFFICIAL LINKS

[Visit Submission Page](#)

CALL FOR PAPER URL

<https://callforpaper.org/cfp/call-for-papers-ai-paa-2026>

listed above.

Instructions for preparing the manuscript (in Word and Latex formats)

are available at: Paper Templates

Please also check the Guidelines.

Papers must be submitted electronically via the web-based submission system using the appropriated button on this page.

#### PUBLICATIONS

After thorough reviewing by the special session program committee, all accepted papers will be published in a special section of the conference proceedings book - under an ISBN reference - and abstracted/indexed in DBLP, Google Scholar, EI-Compendex, INSPEC, Japanese Science and Technology Agency (JST), Norwegian Register for Scientific Journals and Series, Mathematical Reviews, SCImago, Scopus and zbMATH. CCIS volumes are also submitted for the inclusion in ISI Proceedings.

#### SECRETARIAT CONTACTS

IJCCI Special Sessions - AIPAA 2026

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