

## 2026年第五届智能无人系统与人工智能大会

2026 5<sup>th</sup> International Symposium on Intelligent Unmanned Systems and Artificial Intelligence

### Welcome to SIUSAI 2026

2026 5th International Symposium on Intelligent Unmanned Systems and Artificial Intelligence (SIUSAI 2026) is organized by Xinjiang Institute of Engineering and Beijing University of Posts and Telecommunications, hosted by Information Engineering Institute, Xinjiang Institute of Engineering, School of Computer Science (National Pilot Software Engineering School), BUPT, School of Intelligent Engineering and Automation, BUPT and School of Computer Science and Artificial Intelligence (College of Software), Lanzhou University of Technology, and co-organized by CoreShare Academic Exchange Center. The conference will be held in Urumqi, China, on August 14-16, 2026.

SIUSAI 2026 aims to bring together scientists, researchers, practitioners, and industry delegates from academia and industry across the globe to exchange and share their latest research findings, experiences, and visions in the field of Unmanned Systems and Artificial Intelligence. The fusion of international expertise in this magnificent city will set the stage for groundbreaking discussions, knowledge sharing, and meaningful connections.

SIUSAI 2026 is poised to be an event that will chart the course for the future of Unmanned Systems and Artificial Intelligence, and provide attendees with valuable perceptions into the latest technologies, emerging trends, and potential directions of research in this field.

#### Organized by:



#### Hosted by:



#### Co-organized by:



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### Topics of Interest

Please visit: [www.siusai.org/cfp.html](http://www.siusai.org/cfp.html) to learn more.

Topics of Interest include but are not limited to:

#### Artificial Intelligence and Computing Technology

- Artificial Intelligence
- Commonsense Reasoning

#### Autonomous Systems and Robotics

- Autonomous Control of Unmanned Vehicles
- Autonomous Flying Robots (AFRs)

#### Systems Engineering and Control Theory

- Control Applications
- Distributed and Decentralized Intelligent Control

#### Data Science and Application

- Augmented Reality
- Big Data Capture, Representation and Analytics

### Tracks

Please visit: [www.siusai.org/tracks.html](http://www.siusai.org/tracks.html) to learn more.

#### Track I

Cognitive Integration of Manned and Unmanned Systems based on Brain-inspired Intelligence Under Complex Scenarios

#### Track III

Multi-Modal Perception and Localization/Navigation for Unmanned Systems

#### Track II

AI-Empowered Perception, Interaction, and Autonomous Operation for Assistive, Service, and Rehabilitation Robots

### Special Sessions

Please visit: [www.siusai.org/sessions.html](http://www.siusai.org/sessions.html) to learn more.

#### Session I

Data Security and Privacy Protection in Artificial Intelligence

#### Session III

UAV-Enabled Internet of Things: Technologies and Applications Towards 6G

#### Session V

Closing the Reality Gap: Trustworthy Simulation and Synthetic Data for Embodied AI

#### Session VII

Intelligent Perception and Control

#### Session IX

Embodied Cognition and Decision-Making

#### Session XI

Embodied Physical Intelligence

#### Session XIII

Innovation Forum on 3D Vision Perception Technology in Autonomous Driving and Embodied Intelligence

#### Session II

AI-Enabled Autonomous Control of Complex Engineering Systems

#### Session IV

Spatial Perception and Understanding for Embodied Applications

#### Session VI

Intelligent Computing for Nuclear Fusion: Cross-Innovation of AI and Controlled Nuclear Fusion

#### Session VIII

Artificial Intelligence Security and Governance

#### Session X

Intelligent Perception and Computation

#### Session XII

Visual Understanding under Complex Environments and Limited Data

### Publication

Registered and presented full papers will be included in the SIUSAI 2026 digital conference proceedings, which will be published in the Springer Book Series Communications in Computer and Information Science (ISSN: 1865-0937), and also submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing. No-show papers will be excluded from the conference proceedings.



### Key Dates

Abstract Submission Due: June 29, 2026

Full Paper Submission Due: July 13, 2026

Author Notification Due: July 27, 2026

Registration Due: August 1, 2026

Camera-ready Submission Due: August 1, 2026

Main Conference: August 14-16, 2026

\*Note: all dates refer to PST/PDT time, i.e. Pacific Time Zone

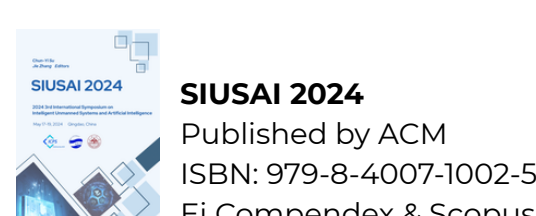
### Submission Notes

- Language Requirement:** The conference exclusively accepts manuscripts written in English. All submissions must be composed entirely in English.
- Academic Integrity:** Any form of plagiarism, copying, or improper citation is strictly prohibited. All manuscripts will undergo originality screening. Submissions suspected of plagiarism or serious academic misconduct will not be sent for review and may be summarily rejected.
- Originality and Unpublished Status:** Submitted manuscripts must represent original research findings. The content must not have been published previously in any domestic or international publicly available publication (including journals, books, etc.) or presented at any other academic conference (including predecessors or related conferences of this event).
- Manuscript Length:** The length of the manuscript's main body (including figures, tables, and references) shall be no fewer than 10 pages.
- Formatting Specifications:** Manuscripts must adhere strictly to the latest official paper template

Please visit: [www.siusai.org/sub.html](http://www.siusai.org/sub.html) for paper template and more information.

Online submission link: <https://cmt3.research.microsoft.com/SIUSAI2026>

### Publication History



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