

2026年第五届智能无人系统与人工智能大会

2026 5th 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:



Committee

Advisory Committee

Ping Zhang, Beijing University of Posts and Telecommunications, China

Quan Yu, PLA Academy of Military Sciences Systems Engineering Institute, China

Hongke Zhang, Beijing Jiaotong University, China

Schahram Dustdar, Technische Universität Wien, Austria

General Chairs

Jianping Zhou, Xinjiang Institute of Engineering, China

Xiuquan Qiao, Beijing University of Posts and Telecommunications, China

Organizing Committee Chairs

Wenming Guo, Xinjiang Institute of Engineering, China

Shangguang Wang, Beijing University of Posts and Telecommunications, China

Ke Xiong, Beijing Jiaotong University, China

Chi Xu, Shenyang Institute of Automation, Chinese Academy of Sciences, China

Xiaoxu Li, Lanzhou University of Technology, China

Organizing Committee Co-Chair

Zehui Xiong, Queen's University Belfast, UK

Program Chairs

Changqiao Xu, Beijing University of Posts and Telecommunications, China

Weisheng Dong, Xidian University, China

Chi Liu, Beijing Institute of Technology, China

Huihui Bai, Beijing Jiaotong University, China

Min Liu, Hunan University, China

Publication Chairs

Zhipeng Gao, Beijing University of Posts and Telecommunications, China

Jianguo Chen, Sun Yat-sen University, China

Jiabo Xu, Xinjiang Institute of Engineering, China

Local Chairs

Nuer Buli, Xinjiang Institute of Engineering, China

Yurong Qian, Xinjiang University, China

Publicity Chairs

Yakun Huang, Beijing University of Posts and Telecommunications, China

Weidong Chen, Xinjiang Institute of Engineering, China

Finance Chair

Hui Zeng, Xinjiang Institute of Engineering, China

Award Chairs

Shaoyong Guo, Beijing University of Posts and Telecommunications, China

Hui Qiao, Tsinghua University, China

Haowen Wang, Anhui University, China

Xiang Su, University of Helsinki, Finland

Program Committee

Lijun Xu, Xinjiang Institute of Engineering, China

Haijun Zhang, Xinjiang Normal University, China

Tao Bai, Xinjiang Agricultural University, China

Xiaolong Qi, Yili Normal University, China

Wenzhong Yang, Xinjiang University, China

Jiapeng Yang, Xinjiang Institute of Engineering, China

Shengwei Tian, Xinjiang University, China

Keynote Speakers



Zhongliang Deng

Beijing University of Posts and Telecommunications, China

Academician of CAE



Huadong Ma

Beijing University of Posts and Telecommunications, China



Yuanzhi He

People's Liberation Army (PLA) Information Support Force, China

Academician of CAS



Baoping Cheng

China Mobile Communications Group Co.,Ltd, China

Topics of Interest

Please visit: 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 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 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

Camera-ready Submission Due: July 30, 2026

Main Conference: August 14–16, 2026

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 for paper template and more information.
Online submission link: <https://cmt3.research.microsoft.com/SIUSAI2026>

Publication History



SIUSAI 2025

Published by Springer
ISBN: 978-981-95-9938-7
Ei Compendex & Scopus



SIUSAI 2024

Published by ACM
ISBN: 979-8-4007-1002-5
Ei Compendex & Scopus



SIUSAI 2023

Published by IOP JPCS
ISSN: 1742-6588, Volume: 2593
Ei Compendex & Scopus



SIUSAI 2022

Published by IOP JPCS
ISSN: 1742-6588, Volume: 2330
Ei Compendex & Scopus

Contact Info

Website: www.siusai.org

Email: conf@siusai.org

Tel: 028-85027305 (Mainland) +86 28 85027305 (International)

Monday-Friday, 9:00am-12:00pm and 13:30pm-18:00pm

