

2026年第四届先进无人飞行系统国际会议  
2026 4<sup>th</sup> International Conference on Advanced Unmanned Aerial Systems

## WELCOME TO ICAUAS 2026

2026 4th International Conference on Advanced Unmanned Aerial Systems (ICAUAS 2026), which is organized by Shanghai Dianji University and Huazhong University of Science and Technology, co-organized by Shanghai Jiao Tong University and Tsinghua University, technically co-sponsored by CoreShare Academic Exchange Center, will be held from **October 16-18, 2026**, in **Shanghai, China**. This conference provides a forum for the discussion and dissemination of knowledge and results in theory, methodology, and new advances in Advanced Unmanned Aerial Systems and their applications in many other fields of science and engineering.

上海电机学院  
Shanghai Dianji University华中科技大学  
HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY上海交通大学  
SHANGHAI JIAO TONG UNIVERSITY清华大学  
Tsinghua University

## TOPICS OF INTEREST

For more information, please visit: [www.icauas.net/cfp.html](http://www.icauas.net/cfp.html)  
The topics of interest include, but are not limited to:

- **Autonomy and Control**
- **Communication and Navigation**
- **Materials and Mechanics on Aerospace**
- **Flight Dynamic and Control**
- **Design and Simulation**
- **VTOL UAV in Low Altitude Economy (LAE)**

## KEYNOTE SPEAKERS

**Dan Zhang**

The Hong Kong Polytechnic University, China

**Zhimin Chen**

Shanghai Dianji University, China

**Tarek Hamel**Université Côte d'Azur, France  
IEEE Fellow**Saleh Mobayen**

National Yunlin University of Science and Technology, Taiwan

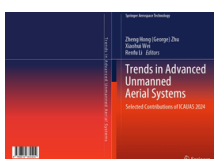
## PUBLICATION

Registered and presented full papers will be included in the ICAUAS 2026 digital conference proceedings, which will be published by [Springer Aerospace Technology \(ISSN: 1869-1749\)](http://www.springer.com/aerospacetechnology) and also submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.



Selected papers with a significant extension can be recommended for publication in the Special Issue "[Design and Application of Multi-functional Structures](#)" of "[Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications](#)", which will be submitted to major citation databases such as SCIE, Scopus, Inspec, etc. for indexing.

## PUBLICATION HISTORY

**ICAUAS 2023**Published by Springer  
ISBN: 978-981-99-8045-1  
Ei Compendex | Scopus**ICAUAS 2024**Published by Springer  
ISBN: 978-981-96-3240-4  
Ei Compendex | Scopus**ICAUAS 2025**Published by Springer  
ISBN: 978-981-95-7840-5  
Ei Compendex | Scopus

## SUBMISSION GUIDELINES

- Manuscripts submitted to the conference should be written in English only.
- Manuscripts submitted to the conference should follow the template provided.
- Manuscripts can be submitted in Doc, Docx and PDF format.
- Oral or Poster presentations should be nominated while submitting an abstract.
- The ordinary length is suggested no less than 8 pages, including all figures, tables, references, and appendices. If the paper exceeds 8 pages, the additional pages will be charged at the time of registration.

For paper template, please visit: [www.icauas.net/submit.html](http://www.icauas.net/submit.html)

Online Submission link: <https://cmt3.research.microsoft.com/ICAUAS2026>

## KEY DATES

Camera-ready Submission Due: October 2, 2026

Main Conference: October 16-18, 2026

## SPECIAL SESSIONS

For more information, please visit: [www.icauas.net/SpecialSessions.html](http://www.icauas.net/SpecialSessions.html)

**Session I**

Modeling, Optimization and Control of Unmanned Aerial Systems

**Session III**

Embodied Cognition and Swarm Cooperative Decision-Making and Control for Unmanned Systems

**Session II**

Design and Optimization of Low-Altitude Aircraft

**Session IV**

Advanced Problems in Guidance Navigation and Control

## TRACKS

For more information, please visit: [www.icauas.net/tracks.html](http://www.icauas.net/tracks.html)

**Track I**

Intelligent Perception and Environment Understanding for Unmanned Systems

**Track III**

Task Planning and Cooperative Control of Unmanned Swarm Systems

**Track II**

Advanced Guidance and Control for Unmanned Re-entry Vehicle

**Track IV**

Sensing, Guidance and Physical Countermeasures for Low-Altitude High-Speed Intelligent Unmanned Aerial Systems

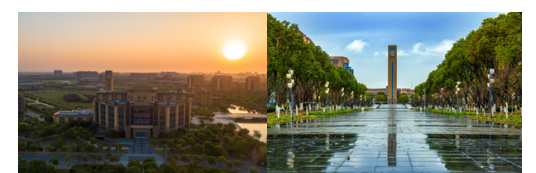
**Track V**

Intelligent Perception and Agile Tracking of Heterogeneous Ground-Air Targets for UAVs

## VENUE

**Shanghai Dianji University**

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New Area, Shanghai, China



## CONTACT

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