

2026年第四届先进无人飞行系统国际会议 2026 4th 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.



TOPICS OF INTEREST

For more information, please visit: 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



Mo, Sa-Li

Sunway University, Malaysia
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.



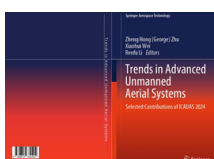
Selected papers with a significant extension can be recommended for publication in the Special Issue "[Design and Application of Multi-functional Structures](#)" of "[Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications](#)", which will be submitted 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

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

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

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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CONTACT

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