



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

On behalf of the organizing committee, we warmly welcome you to the website for the 2026 4th International Conference on Advanced Unmanned Aerial Systems (ICAUAS 2026), which will be held during **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.

Our conference is a fully approved and peer-reviewed process. Each paper is blind peer-reviewed for its suitability, academic content, and thoroughness. Accepted papers will be included in the digital proceeding and submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.

We are pleased to invite you to submit your paper that highlights your research results to the conference. Meet and network with your peers in the area of your research.

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

- Control Architectures
- Fail-Safe Systems
- See/Sense-Detect-and-Avoid Systems
- Behavior Planning and Decision Making

Communication and Navigation

- Path Planning and Navigation
- Frequency Management
- UAS Communications
- UAS Transportation Management (UTM)

Materials and Mechanics on Aerospace

- Advanced Aerospace Materials Processing and Manufacturing
- Composite Aerospace Materials Structures and Mechanics
- Smart Aerospace Materials and Applications
- Structure Design and Optimization

Flight Dynamic and Control

- Aerodynamics
- Attitude Dynamics and Control
- Flight Performance and Stability Analysis
- Flight Dynamics and Control of UAS

Design and Simulation

- Micro-and Mini-UAS
- Mission Design and Space Systems
- On-board Energy

VTOL UAV in Low Altitude Economy (LAE)

- Aerodynamic Layout
- Light Weight Structure Configuration
- Rotor Title Mechanism and Device
- Vtol/eVtol UAV Control Method and System Design

PUBLICATION

Registered and presented full papers will be included in the ICAUAS 2026 digital conference proceedings and 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.

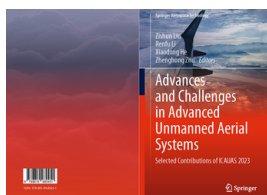
SUBMISSION GUIDELINES

- 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>

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

KEY DATES

Abstract Submission Due: July 3, 2026
Full Paper Submission Due: July 17, 2026
Author Notification Due: August 14, 2026
Registration Due: September 11, 2026
Camera-ready Submission Due: September 11, 2026
Main Conference: October 16-18, 2026

CONTACT

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