



## 2024 2nd International Conference on Advanced Unmanned Aerial Systems

# ICAUAS 2024

Nanchang, China | September 20-22, 2024



## Overview

2024 2nd International Conference on Advanced Unmanned Aerial Systems (ICAUAS 2024) aims to bring together scholars, managers, researchers and students of Unmanned Aerial Systems and Aerospace related areas and industries for intellectual exchanges, research cooperation, education and professional development. ICAUAS 2024 will offer keynote speeches and several research topics, for inviting presentations of theoretical research findings and case study in Unmanned Aerial Systems and Aerospace and its related fields, and also offers excellent networking opportunities to participants, with a wonderful taste of local culture and scenery in Nanchang, China on September 20-22 2024.

### Topics of interest include, but are not limited to:

- Control Architecture
- Aeroacoustics
- Fail-Safe Systems
- Biologically Inspired UAS
- See/Sense-Detect-and-Avoid System
- Image Processing
- Behavior Planning and Decision Making
- Payloads
- Path Planning and Navigation
- Frequency Management
- swarm Robotics and Control
- Micro-and Mini-UAS
- Autonomous Coordination and Control
- Mission design and space systems
- UAS Transportation Management (UTM)
- On-board energy
- Human-Machine Interface
- Structure design and materials
- Interaction Control
- Thermal science and applications

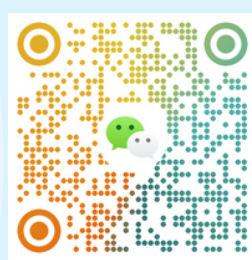
### Registration

(Early Birds: Before June. 20)

Student	Nonmember
450 USD	500 USD

Full Paper Submission: July 19, 2024

Online submission: [Click here](#)



Consult

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## Previous Speakers

**Ben M. Chen**

Department of Mechanical and Automation Engineering  
The Chinese University of Hong Kong

**Daniele Mortari**  
Texas A&M University

**Erdal Kayacan**  
Aarhus University

## Advisory Committee

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College of Architecture | Texas A&M University, USA

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Northumbria University, UK

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**Diofantos G. Hadjimitsis**

Cyprus University of Technology, Cyprus

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Harbin Institute of Technology, China

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**Wu S.-F**—Shanghai Jiao Tong University, China

**Vasiu Radu**—University of Timisoara Senate, Romania

**Jolanta Mizera-Pietraszko**—Opole University, Poland

## Paper Publication

All accepted and presented papers will be published in digital conference proceeding, which will send to be reviewed and indexed by major citation databases such as EI Compendex, Scopus, CPCI, Google Scholar etc. Selected papers will be considered for submission in the journal of *IJSpaceSE* after significant extension.

