2024 INTERNATIONAL CONFERENCE ON UNMANNED AIRCRAFT SYSTEMS (ICUAS '24)

www.uasconferences.com
June 4 - 7, 2024
Chania, Crete, Greece

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ΠΟΛΥΤΕΧΝΕΙΟ ΚΡΗΤΗΣ
TECHNICAL UNIVERSITY OF CRETE

The 2024 International Conference on Unmanned Aircraft Systems, **ICUAS '24**, will take place on June 4-7. It is organized for the first time in the historical Center of Mediterranean Architecture (KAM), which is hosted in the *Great Shipyard* (*Megalo Arsenali*) of Chania. It is the last of the 17 shipyards located in the Venetian port of the Old Town of Chania. The conference is under the auspices of, and it is sponsored by, the Technical University of Crete (TUC).

ICUAS '24 focuses on *civil and public domain applications and on the societal impact of unmanned aviation, and its effect on everyday quality of life*. Although technical challenges cover a wide spectrum of topics, of special importance are topics like: 1) **bioinspired aerial platforms**; 2) **hybrid, platforms**; 3) **design for resiliency**, 4) **human factors**, and 5) **framework and regulations for integration into the national airspace**.

ICUAS '24 brings together, under one forum, national and international organizations, federal agencies, industry, the private sector, authorities, end-users, and practitioners, who work towards defining roadmaps of Unmanned Aircraft Systems/Remotely Piloted Aircraft Systems (UAS/RPAS), they set expectations and technical requirements and standards that are prerequisite to their full utilization and integration into the national airspace. Special emphasis will be given to research opportunities, and to '*what comes next*' in terms of the tools and support technologies, and standards, which need to be utilized and implemented to advance the state-of-the-art.

ICUAS '24 offers unique opportunities to meet, interact and shape the future of unmanned aviation, worldwide, bringing together the technical, regulatory, and legal communities. Details and logistics about the conference may be found at http://www.uasconferences.com and related links.

ICUAS '24 is fully sponsored by the **ICUAS Association, Inc.**, a non-profit organization, see www.icuas.com. It is technically cosponsored by the IEEE Control Systems Society, the IEEE Robotics and Automation Society, and the Mediterranean Control Association.

ICUAS '24 includes the student-focused and student-centered **UAV Competition**, which offers unique opportunities for students to test and compare their skills with those of their peers worldwide. The competition is organized in two stages: simulation qualifiers and in-person finals during the conference. Details on how to participate in the UAV Competition are available on the conference web.

CONFERENCE STRUCTURE

ICUAS '24 spans four days. The first day is devoted to Workshops and Tutorials. This is followed by three days of technical presentations. The 2024 conference aims to be 'physical presence' only with the requirement that every accepted paper is presented.

IMPORTANT DUE DATES

February 11, 2024:	Full Papers / Invited Sessions / Tutorial Proposals Due
February 15, 2024:	UAV Competition: simulation-based scenario
April 5, 2024:	Acceptance / Rejection Notification
April 5 – April 20, 2024:	Early Registration
April 20, 2024:	Upload Final, Camera Ready Papers

SUBMISSIONS

Papers: Paper format (two-column) follows IEEE guidelines. Electronic submission will be handled through PaperCept - details are available on the conference web site. Submitted papers should be classified as *Contributed* or *Invited Session* (max. 8 pages), or *Poster* (max. 6 pages) papers. Accepted, contributed, and invited session papers only, will be allowed up to two additional pages for an extra charge per additional page. Poster papers should aim at novel and cutting-edge ideas with potential, however, not yet fully developed. Invited Sessions: Proposals for invited sessions should contain a summary statement describing the motivation and relevance of the proposed session, the invited paper titles, and the names of the authors. Authors must submit FULL invited papers. Each paper must be marked as "Invited Session Paper". Workshops and Tutorials: Proposals for workshops and tutorials should contain title, list of speakers, and extended summaries (2000 words) of their presentations. All contributions (papers, invited papers, proposals for invited sessions, workshops, and tutorials) must be submitted electronically through https://controls.papercept.net by the due date.

Paper Review Process: All submitted papers will undergo a thorough peer review process coordinated by the Program Chairs, Advisory Committee Members, IPC members, Associate Editors, and qualified reviewers. Each paper will be reviewed by (at least) three qualified reviewers. Each Associate Editor will make recommendations. The Program Chairs will finalize and announce decisions by the due date. Each submitted paper will be checked for originality through the *iThenticate Plagiarism Detection Software*.

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