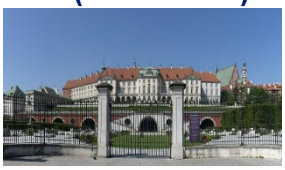
2023 INTERNATIONAL CONFERENCE ON UNMANNED AIRCRAFT SYSTEMS (ICUAS '23)

www.uasconferences.com/2023_icuas

June 6 - 9, 2023

Lazarski University, Warsaw, Poland



For any information about **ICUAS '23** e-mail Kimon Valavanis, kvalavanis@gmail.com.

The 2023 International Conference on Unmanned Aircraft Systems, **ICUAS '23**, is organized for the first time in a university campus. It will take place on June 6-9, in Warsaw, Poland, at Lazarski University, https://www.lazarski.pl/. Prof. Anna Konert, Director of Lazarski Aviation Academy, and Dean of the Faculty of Law and Administration is the conference coordinator, and in charge of the regulations and legal track of the conference.

ICUAS '23 offers unique opportunities to meet, interact and shape the future of unmanned aviation, worldwide, bringing together the technical, regulatory, and legal communities. Details may be found at http://www.uasconferences.com/2023_icuas and related links. **ICUAS '23** is fully sponsored by the **ICUAS Association, Inc.**, a non-profit organization, see www.icuas.com; and technically cosponsored by the IEEE Control Systems Society and the IEEE Robotics and Automation Society.

The central theme of **ICUAS '23** is threefold: 1) **reconfigurable aerial platforms**; 2) **multi-purpose/hybrid aerial platforms**; 3) **regulations and standards for autonomy**. National and international organizations, agencies, industry, authorities, work towards defining roadmaps of Unmanned Aircraft Systems/Remotely Piloted Aircraft Systems (UAS/RPAS) expectations, technical requirements and standards that are prerequisite to their full utilization and integration into the national airspace. The next generation of UAS/RPAS will be used for a wide spectrum of civilian and public domain applications.

ICUAS '23 aims to bring together different groups of qualified representatives worldwide, funding agencies, industry, academia, end-users, and practitioners, to discuss the current state of unmanned aviation, and the roadmap to their full utilization in civilian and public domains. Special emphasis will be given to research opportunities, and to '*what comes next*' in terms of the tools, essential and support technologies, and standards, which need to be utilized and implemented to advance the state-of-the-art.

ICUAS '23 includes the **UAV Competition.** The Competition is student-focused and student-centered, offering 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. The finals will take place during the conference, allowing for students to meet and participate in the conference, too. Details on how to participate in the UAV Competition are available on the conference web.

Through keynote addresses, round table discussions and presentations, the outcome of the conference will be a clear understanding of what industry, civilian, national, and international authorities need, and what are the crucial next steps to be completed before UAS/RPAS are utilized in everyday applications.

IMPORTANT DUE DATES

January 15, 2023:	Full Papers / Invited Sessions / Tutorial Proposals Due
February 1, 2023:	UAV Competition: simulation-based scenario
March 31, 2023:	Acceptance / Rejection Notification
March 31–April 20, 2023:	Early Registration
April 20, 2023:	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.