



AERO 23

Canada's leading
aeronautics conference
La principale conférence
en aéronautique au Canada

Nov. 14-16 nov. | Ottawa, ON

CALL FOR ABSTRACTS | 66th CASI Aircraft Design and Development Symposium

CASI AERO 2023 offers unparalleled opportunities for networking, collaboration and professional development to delegates from Canada and around the world. AERO'23 will be held in Ottawa in seven Symposia, together with top-flight panels and keynote speakers. The conference can focus on such topics as autonomous air mobility and enabling technologies that may be of interest to multiple disciplines. Proposals for joint sessions involving two or more Symposia will be considered.

SUGGESTED TOPICS FOR THIS SYMPOSIUM

Abstracts are sought from Canada and abroad covering all aspects of aircraft design, development and certification. Topics of interest include:

- Integrated product development:** new aircraft projects, development processes involving risk sharing partners, multiple corporations and countries
- Innovative and unconventional aircraft:** V/STOLs, SSTs, UAVs, electrical propulsion vehicles, morphing wings and aircraft, tilt rotors, airships and other configurations
- Design automation and optimization:** the influence of MDO, CFD, FEM, ASE and CAD techniques
- Aircraft systems and testing (non-propulsion):** environmental control, auto flight, avionics and flight deck, electrical, modern flight controls, fuel, hydraulics, landing gear, description of integrated systems test rigs
- Design-to-cost and value engineering:** innovative practices that promote the enhancement of productivity and achieve significant program cost rationalization
- Implementation of new technologies:** effective integration of emerging architectures and hardware
- Aircraft design education:** university programs, new electronic media, novel education initiatives

ABSTRACT SUBMISSION

Abstracts should be approximately 300 words, must identify all authors/organizations, and must include phone/e-mail contacts for the lead author. Visit

casi.ca/aerosubmissions to submit your AERO 2023 abstract.

LANGUAGE OF THE CONFERENCE

The language of the conference is English.

PROCEEDINGS

A Special Issue of the *Canadian Aeronautics and Space Journal* may be published to include selected papers that expand upon the presentations given during AERO 2023. More information will be available as the Conference approaches.

DEADLINES

Please consult casi.ca/aero2023 for important dates.

WORKSHOPS

Proposals are invited for specific topics that lend themselves to this treatment. A 500-word proposal including the subject area, contents and suggested speakers should be submitted by September 1 to Att: General Chair, AERO'23 at aero@casi.ca.

PROGRAM COMMITTEE

Ruxandra Botez (Chair)

ADDRESS ALL ENQUIRIES TO:

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