



# AERO 23

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

Nov. 14-16 nov. | Ottawa, ON

## CALL FOR ABSTRACTS | 7<sup>th</sup> CASI Human Factors and Training 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 presented in person in seven Symposia, together with top-flight panels and keynote speakers. The conference can focus on such topics as hybrid-electric propulsion including hydrogen as fuel or airship lifting gas and the 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

Our understanding of the interactions between humans and aviation systems has progressed considerably in recent years, especially regarding human performance modeling and methods to improve training, decrease human errors, and enhance overall aviation system performance. Particular areas of interest include, but are not limited to:

- Human factors in advanced flight deck design
- Human performance, error, fatigue, situational awareness, workload, crew resource management
- Pilot training for manned, optionally, or remotely piloted aircraft
- Human Machine Teaming or Human Automation Teaming
- Flight operations, procedures, and airmanship
- Human factors of flight simulation
- Maintenance and crew error reduction
- Human factors perspectives in air traffic control
- Human factors methods and competencies
- Role of human factors in aviation accident investigation
- Human factors and training in the context of the COVID-19 and future pandemics
- VR, AR, and XR applications
- Aviation neuroergonomics

### 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](https://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](https://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](mailto:aero@casi.ca).

### PROGRAM COMMITTEE

Andrew Law, NRC Aerospace (Chair)

### ADDRESS ALL ENQUIRIES TO:

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