



AERO 19

64th Aeronautics Conference
64^e conférence en aéronautique

Hôtel Sheraton Laval Hotel

Canada's leading
aeronautics conference

La principale conférence
en aéronautique au Canada

May 14-16 mai 2019

Call for Abstracts

14th CASI Flight Test and Flight Operations Symposium

The **CASI AERO 2019 conference** will feature about 200 technical presentations in seven streams, together with top-flight panels and keynote speakers. AERO'19 offers unparalleled opportunities for networking, collaboration and professional development to delegates from Canada and around the world.

Topics

Canadian contributions to aviation and space flight include a legacy of ground-breaking research, many innovations and outstanding commercial successes. The new Flight Test and Flight Operations Symposium will provide a forum for discussion of the latest developments regarding issues affecting the fully integrated system during flight test and in operation. Areas of interest include, but are not limited to:

- Flight test techniques and engineering
- Safety issues in commercial, military and flight test operations
- UAS operation: pilot/operator training & licensing, methods of traffic separation, urban flight challenges
- Changes in civil aviation operations due to advances in airspace management and the implementation of space-based infrastructure
- Helicopter fly-by-wire: entry into service of CH148 Cyclone and pending introduction of civilian aircraft
- Adoption of data recorders in small aircraft operations, particularly the legacy GA fleet
- Pilot training philosophies in the context of automation and demographics
- Challenges related to northern and arctic aviation
- Operational aspects of in-flight and ground icing

Abstract submission

Submit your abstract (approx. 300 words) to:
<https://www.openconf.org/aero2019/openconf.php>.

Submissions must identify all authors/organizations and include phone/e-mail contacts for the lead author.

Deadlines

Initial abstracts: February 1, 2019
Notification of abstract acceptance: February 15
Abstracts (1000 words) for student awards: April 12
Notification of student award Finalists: May 3
Full papers/extended abstracts due: June 14, 2019

Workshops

Proposals are invited for workshops on specific topics that lend themselves to this approach. A 1000-word proposal including the subject area, contents and suggested speakers should be submitted by February 15, 2019 to Prof Éric Laurendeau, General Chair of AERO'19 at eric.laurendeau@polymtl.ca.

Language of the conference

The language of the conference is English.

Student presentations

Student presentations in all Symposia may be eligible for the AERO'19 Best Student Presentation Award. Students who wish to be considered for this Award must submit an abstract of at least 1000 words including key results and supporting figures, and indicating student status and affiliation. Nominated finalists will give their presentations in a special Session during the Conference.

Proceedings

Proceedings will include full papers and extended abstracts. Authors who submit full papers or extended abstracts may have their submission considered for publication in the *Canadian Aeronautics and Space Journal*.

Program Committee

Malcolm Imray, NRC Aerospace (Chair)

Address all enquiries to:

Malcolm Imray, NRC Aerospace
malcolm.imray@nrc-cnrc.gc.ca