



# AERO 19

64<sup>th</sup> Aeronautics Conference  
64<sup>e</sup> 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

### 65<sup>th</sup> CASI Aircraft Design and Development 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

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, 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, flight controls, fuel, hydraulics, landing gear, description of integrated systems test rigs, etc.
- **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

Submit your abstract (approximately 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.

#### Language of the conference

The language of the conference is English.

#### 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](mailto:eric.laurendeau@polymtl.ca).

#### 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

Ruxandra Botez, École de technologie supérieure, Chair  
Dyna Bencherghi, Bombardier Aerospace, co-Chair

#### Address all enquiries to:

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