



19th Astronautics Conference
19^e conférence en astronautique
Hôtel Sheraton Laval Hotel

Space for business

L'espace pour les affaires

June 17 -19 juin 2019

Call for Abstracts

ASTRO 2019 is the 19th astronautics conference of the Canadian Aeronautics and Space Institute. CASI ASTRO conferences are renowned for offering unparalleled opportunities to delegates from industry, academia, defence and security, and government to meet and network with space sector colleagues from Canada and around the world.

The theme of ASTRO'19 is 'Space for Business'. The conference will focus on Canadian capabilities especially with regard to the growing number of small- and medium-sized enterprises. The conference will seek to identify prospects for growth domestically and in the international space arena.

ASTRO'19 is being held at the Sheraton Laval Hotel from Monday 17 June through Wednesday 19 June, 2019.

Co-Chairs of the **ASTRO'19** Technical Committee are Dr. Christian Lange, Canadian Space Agency and Dr. Michele Faragalli, Mission Control Space Services Inc.

Conference Highlights

Plenary Sessions An exciting program will feature invited Canadian and international speakers. Attendees will hear presentations by senior representatives of Canadian industry and academic organizations and Canadian government officials, as well as international space sector representatives. Speakers will explore ways that Canadian organizations can achieve their goals and participate more fully in the international space marketplace, detailing specific opportunities open to Canadian enterprises.

Technical Sessions Three parallel tracks will be offered, as well as a robust Interactive (Poster) session.

Language of the Conference The language of ASTRO'19 is English. Please note that no translation services will be provided.



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Presentation Topics

Given the theme of the conference, priority will be given to presentations devoted to subjects related to the business of space including:

- Advanced space technologies (materials, sensors, robotics, artificial intelligence, launchers)
- Collaboration for technology road-mapping and development
- Commercial missions (concepts, developments and status)
- Commercial space exploration
- Competitions & student programs
- Downstream market and applications (communications, security, ground stations, analysis)
- Earth observation and remote sensing
- Partnerships among industry, academia and government leading to commercialization
- Regulatory environment
- Smallsats, nanosats and cubesats
- Space science, planetary science and exploration
- Space system resilience and space situational awareness
- Sub-orbital platforms (high altitude pseudo-satellites, sounding rockets)

Interactive Session and Exhibition A stand-alone Interactive (Poster) session will be held during which delegates will have the opportunity for one-on-one discussions with the authors of the presentations. The Interactive session will take place in the same area as the Exhibition. Interactive presentations will be an important feature of ASTRO'19 and will be given special attention.

Awards The J. Saber Award will be presented for the best oral or interactive presentation by any author, and the Best Student Paper Award will recognize the best oral or interactive presentation by a student.



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Important Dates

	<u>2019</u>
Abstract submission deadline	18 March
Authors notified	5 April
Early Bird registration deadline	15 May
Hotel ASTRO'19 conference rate deadline (\$179 per night)	15 May
ASTRO'19 conference	17-19 June
Manuscript submission deadline for Proceedings	26 July

Abstract Submission Guidelines

All participants in the technical program are required to submit an abstract.

The abstract **MUST**:

- Be a maximum of 300 words long
- Indicate a preference for an oral or an interactive presentation, and also whether an interactive presentation will be acceptable
- Include a header with the following data:
 - Title of the abstract
 - Name(s) of author(s) and their affiliation(s)
 - Corresponding author coordinates (name indicated with an asterisk)
- Be submitted by means of the abstract submission tool on the ASTRO'19 web site. No other method of submission will be accepted.

Proceedings

Authors will be invited to have their presentations included in the Proceedings of ASTRO'19, and also to submit extended abstracts or full papers on their topics. Details will be provided to authors together with confirmation of acceptance of abstracts.



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Presentations

Oral Authors will have 15 minutes for the presentation followed by 5-7 minutes for questions and answers.

Interactive The Interactive session is based on the familiar 'poster session' concept. ASTRO'19 will significantly improve on the visibility, impact and value of this session. It will be located in a high-traffic area of the conference venue together with the networking break refreshments. It will be given its own place in the conference program with no other activities scheduled at the same time. The Interactive session will be promoted from the podium during the morning plenary panels, and all the Interactive presentations will be included in the conference Proceedings. The ASTRO'19 Interactive session will reinvent the outmoded 'poster' concept, offering these presentations a uniquely high-profile role in the program.

Presentations will be installed prior to the start of ASTRO'19 and should be left on display until noon on Wednesday 19 June, 2019. Authors will be required to attend their presentations during the time exclusively set aside for the Interactive session.

Registration

Registration is available on-line on the CASI web site. **All participants are required to register** for ASTRO'19 and are responsible for the expenses related to their participation in the conference, including the cost of registration. A Letter of Invitation will be provided upon request.

Hotel reservations

A limited number of rooms has been set aside at the Sheraton Laval Hotel at the special conference rate of CAN \$176 per night. This rate is offered until **15 May, 2019** and is subject to the availability of rooms set aside for ASTRO'19 delegates. Participants are **strongly encouraged** to reserve as soon as possible. Reservations may be made via the link on the CASI web site or by calling the Hotel and mentioning CASI ASTRO 2019.