



ITS: Better Together with 20/20 Vision

The Program Committee of ITS Canada 2020 is now accepting submissions for abstracts relating to the conference theme ***"ITS: Better Together with 20/20 Vision"***. The overall conference theme reflects upon ITS Canada as the hub of intelligent transportation technology in Canada, and the need for collaboration to achieve a vision of safety, mobility, and sustainability.

NB: In your abstract, please address the following questions:

- 1) What track are you submitting for?**
- 2) What is innovative in the material you wish to present?**
- 3) Why might delegates want or need to hear about your topic?**

We encourage you to align your submissions with our theme by considering;

- all modes of transport: cars, bicycles, pedestrians, scooters, commercial vehicles, rail, buses, ships, UAV/UAS
- all settings, from urban to rural & including parking
- All submissions must be original and report on recent significant and substantive achievements.

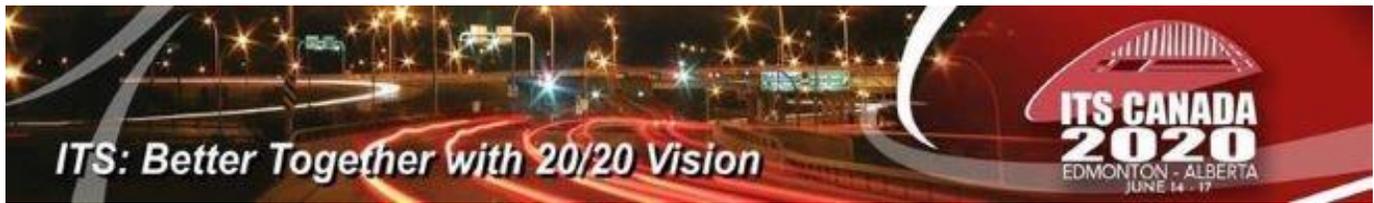
Conference Tracks:

1. Better Together – Intelligent, Safe and Innovative Cooperation

In our modern, globalized world, transportation systems are increasingly interlinked and interdependent. The connectivity of those systems – making them 'Intelligent' – has much to offer in terms of time, cost and mobility efficiencies and, for it to move forward, we must work together. What local, national or international policies need to be in place to maximize on its benefits? What common vision do we need between businesses, engineers, and policymakers, even in a local context? How can we share the information and technology in a fair yet secure way? How do we standardize the technology to maximize integration?

2. Freight: Delivering the Goods

Over the past several decades, freight delivery has experienced an evolutionary transformation in delivering goods from point A to point B. ITS has played a significant role in this environment that ranges from manufacturing to warehousing to government regulation to last mile delivery. ITS Canada 2020 will examine the many aspects of freight delivery that can include truck platooning, drone deliveries (pizzas, medications, etc.), urban robot deliveries, on-demand one hour delivery apps, and centralized package pickup strategies (transit centers, convenience stores, garages, etc.). Should transportation systems accommodate the needs of freight delivery in new ways? Regulatory agencies, transit agencies, traffic engineers, highway designers, planners, educators.. What roles do these stakeholders have in helping or hampering the freight aspects of the transportation system of today and tomorrow? What are the impacts nationally, regionally, and locally to the economy?



3. New Mobility Technologies & Operations

Urban centres are growing, rural areas want to be better connected, but can intelligent transportation technologies help improve operations and increase mobility for its users? How can the infrastructure meet these growing demands? What are the new directions in operations technologies? How can we ensure a well-coordinated operations system?

4. Connected & Automated Transport

Fully connected and automated transport is considered the goal by many involved in the development of this technology. Our path of travel to get there has many challenges that lie ahead, whether we're thinking of connected cars, commercial vehicles, drones, or ships. What technological advances are currently pushing the drive towards a new generation of connected and automated transport? What technological issues might we face during the transition period of mixed traffic? How can the industry address public concern or curiosity? What are the security and safety issues that we face?

5. Mobility Data

Mobility data is key to ensuring that our next generation transport systems work effectively and efficiently. In addition, mobility data can help us to understand the travel of non-vehicular modes of transport including bicycles and scooters, so that all modes of travel can be understood holistically. What types of mobility data are the most useful when developing the technology? How can we standardize that data to address different transportation modes and needs? How do policymakers balance data access with data privacy?

6. ITS Across the Spectrum

In the spirit of encouraging innovation, this open-ended track allows for submissions that don't fit in the above categories, or presentations that push the boundaries of ITS and out of the box thinking.

Key dates:

- Submission deadline for abstracts: January 31, 2020
- Abstract reviews: February 2020
- Abstract acceptance notification: March 2, 2020
- Presentation submission deadline: May 15, 2020
- Conference presentations: June 14 – 17, 2020



Submission details:

All abstracts must be submitted online by **January 31, 2020**. During the online submission process, you will be asked to provide the following details:

1. Primary contact details
 2. Proposed presenter contact details (if different than the above)
 3. Presenter bio (max 100 words)
 4. Submission Title and applicable program track
- Abstract description for papers/presentations should consist of a max 300 words that provide advice, rationale and practical examples of our theme ***“ITS: Better Together with 20/20 Vision”***
 - As a submitter, you agree to the following:
 - You take full responsibility for the content of the submission and state that this is either wholly your original work or you have the required permission.
 - You understand that, while you retain ownership of copyright of this submission, ITS Canada may publish this submission in whole or in part and/or any biographical information provided by you or as submitted on behalf of the proposed speaker, as part of the world-wide promotion and marketing strategy to promote the conference.
 - You acknowledge and understand that should this submission be accepted, that you are required to confirm and register as a speaker within the timeframe so advised, that acceptance does not infer in any way any level of funding or support and that you or the proposed speaker will be responsible for all costs associated with your attendance.

Guidelines:

- Purely sales-oriented or marketing presentations will NOT be accepted. A Technical Review Committee will be vetting each abstract for its technical merit
- Allocated Presentation Time will be between 15 – 20 mins. depending on final program structure
- A draft submission is required but the reviewers will need enough content to be able to judge your abstract appropriately.
- If requested, authors may need to revise their abstract addressing the reservations of the reviewers while submitting a final version of the abstract
- All conference speakers must be registered.

Conference & Exhibition Venue

Delta Hotel Edmonton South Conference Centre
4404 Gateway Boulevard NW
Edmonton, Alberta T6H 5C2 Canada



Questions?

Should you have questions or need clarifications, please download the Call for Contributions brochure, visit [our website](#) or contact us:

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Thank you.

Prof. Tony Qiu
Program Co-Chair

Janis Chow
Program Co-Chair