



Education Roundtable

June 17 from 11:00 AM - 1.30 PM
Peninsula

Summary

Intelligent transportation systems (ITS) advances are gathering momentum globally, backed by powerful supporting technologies. ITS research and development activities can and should benefit from a strategic partnership that will develop plans to define, develop and deploy innovative and competitive products expeditiously.

In order to address these needs, an education round table that includes representatives from various relevant sectors is necessary to support project development and identify training needs for young professionals in emergent areas. On the other hand, convergence between experts from different sectors is not always obvious, especially when it comes to finding innovative solutions based on different practices. Therefore, collaboration would also support identification of commonality between academia and industry.

The main objective of the round table is to define opportunities for sharing of information between experts from various sectors around common issues. In the best case, this activity can lead to the start of collaboration involving projects in partnership between academia-industry sectors involving graduate students.

The round table will take place at the ACGM 2018 conference is based on the conference "***Mobility 2030: Bridging Innovation and a Green Future***". Two main topics will be discussed around innovations and issues specific to the concept of green mobility, namely

1. Innovations in traffic and infrastructure, and
2. Vehicular technologies: AV-CV and EV.

Experts from various sectors will discuss different aspects on topics specific to identified themes. Different aspects will be approached according to expert's knowledge and know how. Current advancements, challenges and trends will trigger the ensuing discussions. Discussions will be moderated by experts from different sectors. The conference participants present at the round table will be invited to participate through questions or comments in order to enrich the discussions on each theme in order to collectively target the objectives of the roundtable. The discussions will be documented and circulated.



Round table planning

Part I: Innovations in traffic and infrastructure and green mobility

Moderators:

- Prof. Ilham Benyahia, UQO
- Mr. Rex Lee, Parsons

Experts - Participants:

- Prof. Baher Abdulhai, iCity-CATTS
- Prof. Diab Ehab, NSERC Postdoctoral Fellow, University of Toronto
- Dr. Pedram Izadpanah, CIMA+
- Michael Bailey, StreetLight Data

Part II: Innovations in AV-CV and EV and green mobility

Moderators:

- Prof. Bilal Farooq, Ryerson University
- Jean-François Tremblay, Jalon MTL - The Intelligent Transportation Institute

Experts - Participants:

- Prof. David Michelson, University of British Columbia
- Susan Spencer, Susan Spencer & Associates
- Emilie Letourneau, Transport Canada
- Barrie Kirk, CAVCOE
- Dr. Omar Chakroun, OPAL-RT Technologies