

SUMMARY OF CITE QUEBEC STUDENT CHAPTER ACTIVITIES

January 2019 – January 2020



Current Student Chapter Executives

- Arash Mazaheri – President
- Hamed Esmaeeli – Vice President
- Treasure – Yunseo Jeong
- Mohammad Karimi – Web Master
- Alaa eldin Helou – Secretary

Activities

- 01 Monthly meetings
- 02 CITE corporation with members
- 03 Traffic Bowl Participations

AQTr Colloque La mobilité au

service de la sécurité

Four members of the ITESQC student chapter participated in the conference “La mobilité au service de la sécurité”. The members are Reza GhobadPour, Hamed Esmaeeli, Arash Mazaheri and Alaa eldin Helou. The event took place in Montreal at Théâtre Rialto on the 14th of November 2019. The conference discusses the contribution of multi-modal transportation systems, alternative modes to automobile, new technologies used in data collection in reducing road risks exposure to travelers.



NETWORKING

AWARENESS

ACCESSABILITY



CITE Quebec Student Chapter Participation in CITE conference Ottawa

Four people of the chapter's member from Concordia university namely Reza GhobadPour, Hamed Esmaeeli, Arash Mazaheri, and Yunseo Jeong participated in the CITE 2019 conference which was held at Ottawa.

These members also participated in the Traffic Bowl event and were familiar with other universities' student chapter member and up) dated about their activities. Moreover, they enjoyed the party after the second day of the conference and had a chat with other members too. Also, the members took advantage of the transportation fair which was held at the Westin hotel and got information about cutting-edge technologies related to traffic and transportation engineering. The most challenging part of the event was the student roundtable which two members of the chapter namely Hamed and Arash participated in two different groups to clarify their achievements and brainstorming with other chapters. The members had a constructive conversation with other universities chapters like Carlton and Sponsors and came to a decision that collaborates with them in arranging workshops and events.

Participation in VISTRO Work-shop at the Montreal

The Chapter members participated in a one-day PTV group workshop on May 2019. The workshop was related to introducing VISTRO software which deals with signalized intersection. A presentation about new light rail in Montreal area which can be beneficial for the congested area was presented by the chapter group.



It was a really good experiment for the chapter's members because it might be beneficial in future researches regarding the traffic engineering studies specifically signalized intersection optimization and green wave.

Collaboration with Quebec section members

The Quebec Student Chapter was honored to meet with Mr. Dale Lynch, a Transportation engineer with over ten years of transportation engineering and planning experience, primarily within private sector land development in a consulting environment. He has a strong background in comprehensive traffic engineering, analysis, functional planning and design; and has worked directly on a variety of land development projects of size and complexity, bringing them successfully from concept to development approvals. He has a comfortable in public settings such as open houses, council and committee meetings, and have provided expertise at the Ontario Municipal Board and Subdivision Appeal Board. Regarding the meeting of Quebec student Chapter with the presence of Mr. Dale Lynch, Dr. Alecsandru and executive members of our community, below items, have been highlighted as outcomes:

- The common point of view was to attract more undergraduate students to be an active member of the chapter.
- Development of initial plans is interested in presenting undergraduate student a bright way to join the job market in the future.
- In this regards, seasonal presentations around the benefits of being an ITE member open doors to involve students in transportation courses. It has a significant advantage to have a guest speaker from ITE members within the industry part. Besides, a brief explanation of current projects in transportation industries and potential small projects to accomplish by students motivate them to be involved in the transportation field and establish their capstone in the area of transport.
- Chapter communicates with Mr. Lynch to organize the first introductory presentation within the transportation courses such as accomplished one in Surveying course during May 2019.
- A preparation for the annual site visit from industry provides practical experience for members of ITE chapter which need to be organized through the external network in Montreal.

VISSIM and VISUM workshop for graduate students



The chapter members organized a one-day micro and macro simulation workshop for graduate students who were enrolled in Transportation modelling course. At the beginning, the conceptual behind of micro and macro simulations were introduced in real world projects. Then, the workshop covered introducing the software. Moreover, they have been trained how to create a network in both software, how to assign demand models, how to adjust basic data, how to run analysis of variety of scenarios, as well as how to analysis outcomes. It was one of the best motivation plans tp not only assist graduate students in their projects, but also attracted new members to our community.

PTV User Group Members

The chapter members also attended at the PTV User group members meeting which was held on Toronto on October 2018. It was a really good time for being familiar with consultant in this area and also sharing new ideas with participants. Furthermore, the Chapter's members gave a presentation hovered around freeway management through the microsimulation specially VISSIM. Our members covered optimized calibration methods of microsimulation models, and utilization of VISSIM in modelling an adaptive tunnel.