Université Laval ACI student chapter
• Students belong to a research centre: Research Centre on Concrete Infrastructures (CRIB).
• The CRIB helps financing some of our activities.

Come see the CRIB’s booth in the Exhibit Hall (#612)!
Overview of the year 2018/2019

• 2nd ACI@UL annual conference on concrete
Overview of the year 2018/2019

Chapter Reports

The Concrete Convention and Exposition – Spring 2019 in Quebec City, QC, Canada.

In addition, technical visits were made to relevant projects under construction in the city of Montreal, including a tour of Holcim Mexico’s concrete plant in Montreal.

Closing session

During the closing ceremony, ACI President Lange highlighted the practical level of achievement reached by UANL in the field of concrete technology and thanked all the participants for their enthusiasm and interest throughout the event. He expressed that these kinds of events provide a solid foundation for future professionals, help strengthen the link between the industry and educational institutions, and increase the interest of engineering professionals in digging deeper into the field of construction materials.

Université Laval Student Chapter – ACI Participants in Construction Site Tour

In late summer 2019, Université Laval Student Chapter – ACI, Québec City, QC, Canada, held a construction site tour in the Montreal region. The tour was organized in partnership with the Research Center on Concrete Infrastructures (CRIB) student chapter. The tour began with a visit, led by the group’s signature tour at Saint-Laurent (SSL), to the infamous new Champlain Bridge, the first Canadian bridge with a life expectancy of 125 years. Students first visited the east abutment before visiting the bridge’s main pillar. SSL invited the students to speak with its concrete specialist for the project. This was very informative since it allowed them to better understand the concrete challenges of such a big project. For instance, they learned that more than 150 different concrete mixture designs were produced for the construction of the new Champlain Bridges.

The second visit of the day went to the Turcot interchange, one of the main interchanges in Montreal, conducted by the Quebec Department of Transportation. The interchange is located on the south shore of Montreal as a continuation of the Champlain Bridge. During the visit, the engineers in charge of the construction contracts explained the main challenges of building a new interchange while keeping the traffic on the former structure. The new structure was built below the former one. The plan is to allow traffic flow on the new structures while destroying the old one right above it later.

Overall, the event was a success. The tour was useful for the students, showing how challenging building new structures can be, not only in terms of concrete mixture designs but also in terms of dealing with existing traffic. The Université Laval Student Chapter – ACI is planning another construction visit such as this one in the coming summer to offer a deeper knowledge of practices and development in the field of concrete to its members.

Ryerson University Holds Technical Seminars for Students

Ryerson University student chapter – ACI, located in Toronto, ON, Canada, introduced students to the value of ACI membership through technical seminars during the fall semester. The inaugural meeting focused on the role of the student chapter, ACI competitions, ACI Foundation scholarships and Fellowships, and how to get involved.

During the first seminar, Khalid Sennah, Chair of the Ryerson University civil engineering department, gave the keynote presentation titled “Vehicle Crash Tests on a Developed T5.5 CFRP Reinforced Concrete Bridge Barrier.” The second seminar organized by the student chapter featured Mohit Shahani, Professor in structural engineering and teaching Chair at Ryerson University, who discussed “An Innovative Use of Recycled Concrete Aggregates.”

The student chapter is planning to coordinate future competitions and social activities in collaboration with the local concrete industry.

The Ryerson student chapter is sponsored by the Ontario Chapter – ACI. To learn more about activities in this region, visit www.canaco.com.
Overview of the year 2018/2019

- Lunch conferences
  - Eric Samson P. Eng. PhD (SIMCO)
  - Anne Castaigne P. Eng. (DeWALT)
Overview of the year 2018/2019

• 2019 edition of the CRIB student symposium
Overview of the year 2018/2019

• Concrete Lab visit: Montreal’s Polytechnique
Perspectives for 2019/2020

- 3rd ACI@UL annual conference on concrete (6 speakers including 3 CRIB professors);
- Construction site visit at a mining residual park in Abitibi: