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## Topic: ATSC 3.0 Lab / Tour and BBQ event at Humber College

**Date:** September 20, 2022

**BBQ Time:** 5:45pm. **Meeting Time:** 7:00pm

**Location:** Barrett Centre for Technology Innovation, Humber Institute of Technology and  
Advanced Learning, 205 Humber College Blvd, Toronto, ON, M9W 5L7

Google Maps: <https://goo.gl/maps/vACDCvJT4fPHTuZB7>

TTC: Kipling Subway Station: Express Bus/Route 927

**Arranged By:** Sylvia Fantin, Craig Jasman, Tony Meerakker

**Sponsors:** TBD

Since our annual BBQ event was not possible in June, we decided to reschedule for the September meeting. Good food and social time.

Humber College has established Canada's first Broadcast-Broadband Convergence *B<sup>2</sup>C* Lab to explore multisectoral data delivery applications enabled by the new television transmission standard, ATSC 3.0 set to replace ATSC 1.0 in North America. The new terrestrial broadcast standard runs on an IP (internet protocol) backbone and can integrate with other global data delivery standards, including Wi-Fi and 5G and is currently the world's most efficient one-to-many data delivery system. Humber is actively participating in the development of a 3.0 Inter-Tower Communications Network (ITCN) and Broadcast Core Network supporting the digital transformation of the North American broadcast industry. When fully implemented, the *B<sup>2</sup>C* Lab will also offer leading edge 5G and RF research infrastructure in an innovator-friendly environment – all supporting development of new products and services for industry stakeholders and the adoption of ATSC 3.0 in Canada. Orest and Willie will present a high-level introduction of the standard as well as an overview of the Humber Broadcast-Broadband Convergence *B<sup>2</sup>C* Lab development.

Please join SMPTE Toronto Section's meeting featuring:

- Orest Sushko, Director
- Willie Perez, PEng, CPBE, Lab Engineering Manager

Following the presentations attendees will be treated to a tour of the ASTC 3.0 Lab and the Barrett Centre for Technology Innovation.

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**Register for Event:**

<https://smptetoronto-september2022.eventbrite.ca/>

BBQ will be held before the meeting

There will be no break between presenters

**Members Only Event.** Registration to this event is required

Free parking provided as directed by site security

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Not a SMPTE Member? Join or renew at <https://www.smpte.org/join>

The SMPTE Board of Managers will meet at 4:00PM – Location TBD

