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- David Musil

Outgoing chair:

- Elise Woolliams

Vice-chair and

Secretary:

- Ophir Kendler

Treasurer:

- Stuart Evans

AWIM Representative:

- Dale Brown

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- Antonio Marchet

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- Colin Keddle

Appointed Officer:

- Colin Blair

Appointed Officer:

- Martin Jackson

Appointed Officer:

- Kyle Farnand

Webmaster:

- Bob Mai

Newsletter Editor:

- Casey Keulen

## Contact Us:

On the web:

[saebritishcolumbia.org](http://saebritishcolumbia.org)

E-mail us at:

[info@saebritishcolumbia.org](mailto:info@saebritishcolumbia.org)

Like us on Facebook:

<https://www.facebook.com/SAEBritishColumbia?ref=bookmarks>

## UPCOMING EVENT:

### 'Tour of CMBC's Surrey Transit Centre'



**WHEN:** February 26th, 2017, 6:00 PM – 8:30 PM

**WHERE:** Surrey Transit Centre, 7740 132 St, Surrey, BC. There is limited guest parking in the North Lot, therefore, but additional street parking can be found nearby the event.

**WHAT:** TransLink's largest operating company, Coast Mountain Bus Company (CMBC), operates over 96% of the region's bus service including state-of-the-art clean diesel and CNG buses and zero-emission trolleys. CMBC's services deliver close to 5 million hours of regular transit service each year, attracting nearly 800,000 boardings daily and connecting people, businesses, and communities in the Metro Vancouver region.

The tour will include a brief overview of CMBC's operation and latest bus technology. Participants will visit both the Maintenance and TComm facilities to see two sides of CMBC's business.

**NOTE:** *Please bring high-visibility vests and safety boots, if you have them. We will try to provide and share as many as we can, but if we don't have enough, you may miss out on the maintenance portion of the tour.*

**RSVP:** CMBC hosts include James Andrews, P.Eng., Manager of Maintenance Improvements, and TMAC On-shift Duty Manager.

Please RSVP using this link: <http://register.saebritishcolumbia.org/>

And email: [info@saebritishcolumbia.org](mailto:info@saebritishcolumbia.org) for more information. There is a limit of 30 participants for this tour.

**COST:** *Free for student members, \$5 for SAE professional members, \$5 for student non-members, \$10 for non members*

## SUMMARY OF LAST EVENT: 'BCIT Aerospace Tour and Aircraft Forensics Talk'

SAE BC members and students gathered at the BCIT Aerospace Campus on Monday, January 29, 2018 for a very interesting technical event. We ate some excellent pizza, networked, and then sat down for a presentation by Dr. Elvis Cepuš of RJ Waldron, a Richmond-based forensic engineering firm with expertise in aviation and other domains. Dr. Cepuš delivered a great presentation that covered three aircraft-related case studies in a level of detail that was just right for the attendees. Next, our host Mr. Steve Mullis, Chief Instructor at BCIT Aerospace, spoke briefly about the various programs at the campus, including training for aircraft maintenance engineers, gas turbine engineers, commercial pilots, and airport operations personnel. After his presentation, Mr. Mullis took us for a tour of the campus, giving our attendees an up-close look at various aircraft, helicopters, and aero-engines. During the tour, our host also shared useful technical details. It was a well-attended meeting, at one of the most interesting mobility-related facilities in the Greater Vancouver Area.



## QUESTION OF THE MONTH

Every month we will be asking a new mobility related question and post the best answers from last month.

### This month's question:

***"How often do you use public transit? What would cause you ride it more or less often?"***

Please email your answer to: [info@saebritishcolumbia.org](mailto:info@saebritishcolumbia.org) or enter your answer while filling out the online registration form for the upcoming event.

### Last month's question:

***"What was your best and/or worst aircraft experience, why?"***

#### Selected responses:

- Worst - ran low on fuel after 45 minutes taxiing up to the runway, had to turn back, refuel and get in line again. Best - I really like the B787. I attribute a lot of the jet lag to the lower cabin pressure, and the higher cabin pressure afforded by the all-composite Dreamliner seems to help with the jet lag.
- Flying in an A380 was the best.
- Hitting lots of turbulence on Australia flight
- Flying in a Bell 47 helicopter around the mountain tops of the North Shore.
- A 2.5hr flight that turned into a 7.5hr trip because of a bird in the engine. Just after takeoff, I told a flight attendant to inform the cockpit crew of a bird strike in one of the engines (because I recognized the unique smell...), then 20 minutes before landing at the destination, there was a decision to return to home base and put us on a new plane, because the airline did not have the facilities for an engine change at the destination airport.

## SAE BC AWARDED 'GOLD SECTION' STANDING



Congratulations to SAE BC for being recognized as a Gold Section this year by SAE International for engagement with young professionals, support for educational initiatives, and use of the member connection website. We were one of 12 sections worldwide to receive this designation.

We would like to thank and congratulate Elise Woolliams for her leadership during this time!

## 2017-18 SEASON'S TENTATIVE SCHEDULE

Below is a list of the upcoming events for this season. ***Please mark your calendars!*** Events are held on Mondays unless stated otherwise. Please note that the Board Meetings are open to anyone. Please let one of the board members know if you are interested in attending and/or getting involved!

*A reminder to Professional Engineering members that attending SAE events contributes to their Continued Professional Development (CPD) as outlined by Engineers and Geoscientists of BC.*

2018 February 5	Board Meeting
2018 February 26	Bus Terminal Tour and Talk Event
2018 March 5	Board Meeting
2018 March 19	Event

## WELCOME NEW MEMBERS

Let's welcome the following new members to the SAE BC Section for the 2017/18 season:

Alejandro Buse  
Kevin Altoe  
Jay Leong  
John Kim  
Felix Van Oost  
Nicholas Alfano  
Marshall Iu  
Michael Funk  
Gerald Sdoutz  
Timothy Blaskovic



*The BC Section of SAE International is now entering its 72<sup>nd</sup> year, since being officially designated as the SAE British Columbia Group on June 12, 1946. The Section has about 250 regular members with additional student chapter members at UBC, UVic, SFU and BCIT.*

*The majority of our Members live and work in the Lower Mainland, and represent a wide spectrum of technical interests. We have a regular program of local events, mostly centered in the Vancouver area, although we have had meetings elsewhere in BC on occasion.*

## KEEP RECEIVING OUR NEWSLETTER

*If you are an SAE member, but did not receive this e-mail directly, you may have opted out of SAE e-mails. Please log into SAE.org, and under mySAE, Account Profile, Communication Preferences, please ensure the following item is checked:*

I would like to receive:

<input type="radio"/> All SAE Product Announcement Emails *	<input type="radio"/> All SAE Product Announcement Direct Mail Communications
<input type="radio"/> All SAE Telephone Communications	<input type="radio"/> All SAE Mobile Communications
<input type="radio"/> All SAE SMS/Text Communications	<input checked="" type="radio"/> All Third Party Email Communications
<input type="radio"/> All Third Party Direct Mail Communications	

## VISION STATEMENT

SAE BC will be the active resource to the professional and student community for advancing the level of mobility engineering in the province of British Columbia.

## MISSION STATEMENT

To enrich the professional life of the membership by:

1. Providing recognized leadership for mobility in British Columbia.
2. Creating opportunities for technical meetings, tours, events and continuing professional career development.
3. Supporting young membership through mentorship and funding of student activities.
4. Communicating through the newsletter, website and timely responses to members.
5. Striving for membership satisfaction at every opportunity.