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- Elise Woolliams

Vice Chair:

- Colin Keddie

Treasurer:

- Stuart Evans

Secretary

- David Musil

Vice Chair, Student

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- Antonio Marchet

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- Martin Jackson

Appointed Officer:

- Jeff Turner

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- Kyle Farnand

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- Bob Mai

Newsletter Editor:

- Casey Keulen

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Like us on Facebook:

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

UPCOMING EVENT:

‘Tour of Paccar Technical Center’



WHEN: Saturday, April 8, 2017, starting at 11:15 am

WHERE: Paccar Technical Center,
12479 Farm to Market Road, Mount Vernon, Washington, USA

We plan to meet in Vancouver and take a van to the tour.

WHAT: Please see this [link for a map](#).

See our trucks and how we test them. Our 242-acre site provides test and development of all PACCAR divisions, including Kenworth, Peterbilt, and DAF trucks. The tour highlights test labs and trucks manufactured by PACCAR. We are 1 mile North of Hwy 20 on Farm to Market Road.

RSVP: [Please RSVP using this link:](https://goo.gl/forms/fkdYYI6PiROFjwbV2) <https://goo.gl/forms/fkdYYI6PiROFjwbV2>
And email: info@saebritishcolumbia.org for more information

COST: *Free for all attendees*

**ANOTHER UPCOMING EVENT:
'Tour of Zodiac Hurricane Technologies'**



WHEN: April 24, 2017, starting at 5:30 pm

WHERE: Zodiac Hurricane Technologies
7830 Vantage Way, Delta

WHAT: Please see this [link for a map](#).
Enter through the main doors of the front office.

Considered to be the very finest craft of their type in the world, Zodiac Hurricane RIBs are mission-specific and used by the most knowledgeable and discriminating operators, who demand the utmost workmanship and reliability in their boats. Many features found in Zodiac Hurricane are unique and developed specifically for our Military and Professional customers.

<http://zodiacmilpro.com/hurricane-ribs/>

This event will include an introduction and presentation of products including videos, a tour of fabrication, assembly, console, and tube facilities followed by a discussion.

Refreshments will be provided.

RSVP: [Please RSVP using this link.: http://register.saebritishcolumbia.org/](http://register.saebritishcolumbia.org/)
And email: info@saebritishcolumbia.org for more information

COST: *Free for SAE BC members, all students, \$10 for non-members professionals, \$5 for non-member students*



SUMMARY OF LAST EVENT: 'Tour of MTU Maintenance Facility'

SAE BC Chapter members, student members, and future members arrived at MTU Maintenance Canada's production facility in droves on Monday, March 13th. At thirty participants, this was a well-attended event enjoyed by all.

Powerplant engineer Elizabeth Liddy opened the evening by giving a detailed introduction on MTU's rich history and current offerings at the Canadian locations. MTU Canada repairs, overhauls, and tests GE CF6-50 and CFMI CFM56-3 engines and accessories.

These turbines begin their journey at disassembly where they are meticulously inspected for cracks, wear, and other signs of damage. Parts of interest are removed as necessary and further inspected with a suite of non-destructive testing (NDT) techniques such as dye penetrant inspection, magnetic particle inspection, and ultrasonic inspection in order to help determine whether to repair or replace them. New and repaired parts are then match ground to fit the engine while minimizing gaps and ensuring dynamic balance to improve the engine's operating efficiency and subsequent service life expectancy. Engines are thoroughly tested for thrust and exhaust gas temperature (EGT, a proxy for expected on-wing service life where a lower operating temperature is most desirable) before being returned to airlines and aircraft operators worldwide.

The tours were led by Justin Cherewyk, production floor shift team lead and supervisor, and Elizabeth Liddy where numerous engines could be seen in various states of disassembly. The shop's breadth, cleanliness, and organization was awe-inspiring for those in attendance.

We would like to thank Elizabeth Liddy, Justin Cherewyk, Jasmine Lyn, Shahil Charania, Frank Nasner, and the MTU evening staff for their warm welcome, for sharing their knowledge, and for their patience answering numerous questions from very interested participants. We hope to see them again at the next SAE BC event!



Click on the link below to see more pictures posted in the full album:

[MTU Event Photo Album](#)

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:

“Ignoring time and financial constraints, what is your preferred mode of transportation, and why?”

Please email your answer to: 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/worst/most unique winter driving experience?”

Selected responses:

- *Rear wheel drive Mercedes with summer tires on a slight slope, Never again!*
- *Sea to sky; Heavy snow. The SUV in front of my vehicle [spun] 360 degree into the ongoing lane. I had to slow down quickly without losing traction to avoid colliding with this vehicle.*
- *Driving up to whistler in my new snow tires was good for me, I passed through lots of spun-out cars in the way.*
- *Skateboarding in the snow*
- *Being a passenger driving in Winnipeg, turning a corner, and sliding on a patch of ice head on onto oncoming traffic. Very scary, but only the car and our nerves were damaged.*

2016-17 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!

2017 April 8	PACCAR Technical Center Tour
2017 April 24	Hurricane Zodiac Tour
2017 April 18	Board Meeting
2017 May 15	Board Meeting
2017 June 12	Board Meeting

WELCOME NEW MEMBERS



Let's welcome the following new members to the SAE BC Section for the 2016/17 season:

Gerald Sdoutz
Timothy Blaskovic
John Gordon Crofts
Mankern S. Johal
Dean Tamboline
Kim Dotto
Tammy (Ziran) Yu
Douglas H. Smith
Benjamin D. Crook-Hanna
George A. Skinner
Glenn Jones

The BC Section of SAE International is now entering its 61st 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.

PROFESSIONAL DEVELOPMENT SEMINARS

SAE BC has the potential to host professional development seminars locally through SAE International. We are gaging interest in a variety of topics. Please have a look at the link below to see which courses are being considered: <https://www.surveymonkey.com/s/XX5NSJ2>

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.