Volume 2017-2018
Edition 7

May 2018

SAE BRITISH COLUMBIA

An SAE International® Section

2016-2017 GOLD SECTION

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• David Musil
Outgoing chair:
• Elise Woolliams
Vice-chair and Secretary:
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Treasurer:
• Stuart Evans
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UPCOMING EVENT:

'Tour of ARKTOS – Large Amphibious Vehicles Built Here in BC'

WHEN: May 7th, 2017, 6:00 PM – 8:30 PM

WHERE: 12634 82ND Ave, Surrey, BC, V3W 3G1, map link. Lots of free parking on site.

WHAT: ARKTOS Developments Ltd., is a Canadian company located in Surrey that is the maker of the ARKTOS Craft. These are large amphibious vehicles, used in arctic and other extreme environments, for a variety of applications, including rescue operations.

The vehicle consists of two hulls, connected in a way that gives the vehicle unique capabilities. ARKTOS is currently building an Evacuation Craft for a customer, which will be completed this summer - we have the opportunity to see this Craft in its advanced stages of integration.

If you are interested in large composite structures, amphibious mobility, tracked vehicles, and exciting applications, then this tour is for you!

Food and drinks will be available at the event, as well as coffee and tea.

RSVP: RSVP using this link: register.saebritishcolumbia.org
And email: info@saebritishcolumbia.org for more information.

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

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UPCOMING YEAR END EVENT:
'Talk on Automotive Safety by MEA Forensics and BCAA'

WHEN: May 23th, 2017, 6:00 PM – 8:30 PM

WHERE: Yagger's Pub, 433 West Pender St, Vancouver, map link.

WHAT: Our year end event will feature a talk by MEA Forensics and BCAA on automotive safety along with a social networking event in a casual pub atmosphere.

RSVP: RSVP using this link: https://goo.gl/forms/o7JyGUi7AutCUTr72
And email: info@saebritishcolumbia.org for more information.

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

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SUMMARY OF LAST EVENT: 'Tesla Service Centre Tour'

SAE BC team along with 25 automobile enthusiasts and students had an opportunity to visit Tesla Service Centre Vancouver on April 23rd evening and learn more about Tesla's electric vehicle technology. This visit was organised by Stuart Evans, Treasurer, SAE-BC with support of Tesla's Service Centre.

David Musil, Chairperson, SAE-BC welcomed the participants. Tesla delivered a presentation on their electric vehicle technology and high-level strategy. They emphasised that Tesla is a sustainable energy company more than an automobile manufacturer. Tesla Service Centers are continuously connected to the headquarters, allowing their technicians and engineers to work together to identify and resolve issues in real time. Within hours, they can make updates across their entire customer fleet.

They shared interesting facts about the new Tesla battery which can be charged to 80% within 30 minutes. With this 80%, one can travel 300-500kms. One other interesting fact shared was that for emergency information retrieval purpose the car control logs are stored for around 2 weeks time.

This was followed by an engaging and informative tour of Tesla's Service Centre. In this tour, participants got an opportunity to observe the different models of tesla cars and their unique features, batteries' specification and overall maintenance process. The tour ended at 8.30pm with David Musil and Stuart Evans officially closing the event with a thank you note to the Tesla team.

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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:

"Do you have summer travel plans? If so, what mode of transportation?"

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 do you think are the most serviced components of a Tesla car?"

Selected responses:

- Power steering bolts
- Brakes
- Charger
- Control modules
- The main ECM
- Tires
- The charging plug
- Electric motor contacts, brushes, etc.?
- Key battery
- Battery
- Wiper blades
- Cabin Air filter
- Tires, connections, bearings

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 May 7	Arktos Tour
2018 May 23	BCAA and MEA Forensics Talk on Automotive Safety

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WELCOME NEW MEMBERS

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

Kody Taylor
Roei Ornai
Eric Sikes
Jonathan Leskewich
Kris Ramachandra
David Johnson

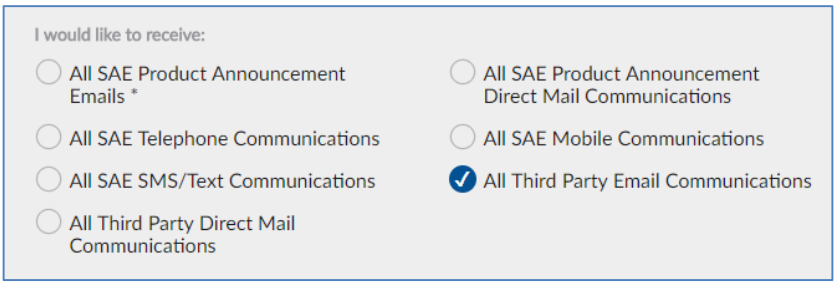
SAE BRITISH COLUMBIA
An SAE International® Section

The BC Section of SAE International is now entering its 72nd 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:



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.

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