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- Kyle Farnand

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- Bob Mai

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- Casey Keulen

Contact Us:

On the web:

saebritishcolumbia.org

E-mail us at:

info@saebritishcolumbia.org

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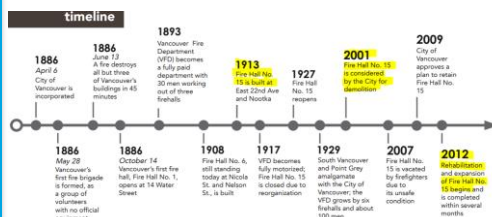
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FINAL EVENT FOR THE SEASON: 'FIREHALL #15 TOUR AND SOCIAL'



WHEN: May 25, 2019, starting at 2:00 PM for the tour and 3:00 pm for the social

WHERE: *Firehall #15 Tour*, [3003 E 22nd Ave, Vancouver, BC V5M 2Y5](#) (starts at 2:00 pm)

Year End Social, [Boston Pizza @ 2850 Bentall St, Vancouver, BC V5M 4H4](#) (starts at 3:00 pm)

WHAT: You are cordially invited to attend our final SAE BC event of the year. We will meet at the recently renovated and historical Vancouver Firehall #15 for a tour of the hall and fire trucks. Family and kids are welcome. After the 2pm tour of the firehall and trucks, we will reassemble at the nearby Boston Pizza off Grandview Highway at 3pm (near the large Canadian Tire). We will host our final social meeting of the year, and some pizzas will be provided. We would like to encourage you to bring your families and look forward to some fun. When you sign-up, please indicate if you will be attending the Firehall event plus the Boston Pizza Social.

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

COST: *\$5 for student members, \$10 for SAE professional members, \$10 for student non-members, \$15 for non members, free for kids*

SUMMARY OF LAST EVENT: 'POWERTECH'

On the evening of May 6th, we had the privilege of visiting Powertech Labs in Surrey. Powertech is a subsidiary of BC Hydro, and has an 11 acre facility with 15 different testing labs. Over 230 scientists, engineers, and technical specialists work there to serve over 300 clients; primarily serving the power utility, manufacturing, and clean energy transportation markets. Their business covers six main areas: generation technology and testing, technology and testing such as high voltage and cable testing, substation technology and testing, power system studies, grid modernization, and advanced transportation.



After a brief presentation of Powertech's business, the group proceeded to visit several of the labs. We saw the Metallurgical Lab, where materials are exposed to extreme temperatures, humidity, and UV conditions to test for corrosion resistance. Materials are also examined using Powertech's electron microscope. We also saw how Powertech tests live transformers in the field. In the Mechanical Lab, we saw Powertech's vibration table, environmental chambers, and tensile testing equipment. In the High Voltage Lab, we saw the equipment that is used to simulate lightning strikes. This lab has also been used as a prop for various science fiction movies and TV shows.

The tour concluded with a view of Powertech's high current test area, hydrogen cylinder and hydrogen station development buildings, and bunker for high voltage explosion tests. We also saw Powertech's hydrogen refueling station and fast (15-30 min) EV charging stations that are open to the public.

SAE BC thanks our host, Sid Cherukupalli, for the very informative and interesting tour.



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 use social media, and if so, which is your preferred social media channel?"

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:

"Will the federal government's \$5,000 electric vehicle incentive influence your car purchase?"

Selected responses:

- Probably not
- Nope.
- Somewhat. \$5k will help as cost of purchase is the biggest roadblock for me.
- Not enough incentive, but it helps.
- I ride a bike. Can I get a \$5000 bicycle rebate? Seriously, no, due to the industries limited experience with electric vehicles.
- No, electric vehicles are still too expensive for me. Maybe used hybrids
- Yes X 2
- No X 5

JOIN THE BOARD!

Are you interested in getting involved with SAE BC? Join the board! Benefits include meeting interesting people, networking opportunities, resume content, volunteering experience, and the chance to organize tours that you're interested in! Contact us for more information.



2018-19 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.

2019 May 25

Firehall #15 Tour and Social Event

WELCOME NEW MEMBERS

Let's welcome the following new members to the SAE BC Section for 2018:

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



The BC Section of SAE International is now in its 73rd 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.