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On the web:

www.saebritishcolumbia.org

E-mail us at:

info@saebritishcolumbia.org

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The Next Upcoming Event:
**‘Working Towards “Virtually Zero”
Motor Vehicle Fatalities’**
**Presented By Jeff Dix, Principal Engineer,
Nissan North America**



WHEN: February 29, 2016: 6:00 - 8:00 pm

WHERE: BCIT Burnaby campus: 3700 Willingdon Ave., Burnaby, B.C., V5G 3H2
Building SW9, Rm. 110 [click here for a map](#)

WHAT: Motor vehicle crashes are one of the leading causes of fatalities in the United States. This lecture will discuss the challenges in pursuing a future goal of "Virtually Zero" motor vehicle fatalities with an emphasis on vehicle safety features. An overview of the factors that affect vehicle safety and the technologies that can be applied to address those factors; as well as testing needed to develop the passive safety of today's vehicles will be presented.

This counts as 1.5 Informal Professional Development Hours (PDH)

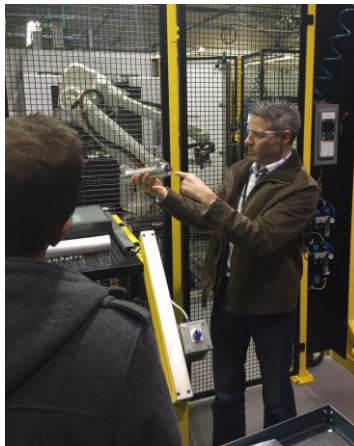
Refreshments will be provided

RSVP: If you'd like to attend, please RSVP via this link:
register.saebritishcolumbia.org

COST: Free for SAE members, \$10 for nonmembers, \$5 for students

SUMMARY OF LAST EVENT: TOUR OF SEASTAR SOLUTIONS

On February 1, 2016, SAE BC sponsored a tour of SeaStar Solutions in Richmond, B.C. Roughly 20 members, non-members, and students attended. As always, the event began with a half-hour of networking over refreshments. Brian Dudra, Director of Engineering and Program Management gave a thorough talk on the company including a brief history, overview of their product line and manufacturing capabilities. Afterwards, the attendees broke into two groups and toured the three building facility. Brian Dudra led one group, while Joel Cherewyk, Assembly Plant Manager Led the other group.



Left: Brian touring the facility; Right: Martin Jackson thanking Brian Dudra for the tour

SeaStar Solutions, formerly Teleflex is an engineering, design and manufacturing company that has its roots in 1943 when it started manufacturing a push/pull cable system to adjust a pilot's radio in Spitfire airplanes in World War II. The Richmond facility employs 375 people within a 200 000 ft² manufacturing facility. They design and manufacture hydraulic and electronic steering for pleasure boats, electronic shift and throttle control for boats, and thermal technologies for trucks/buses and military.

Thanks again to Brian Dudra, Joel Cherewyk, and SeaStar Solutions for the very impressive tour of their facility. It is great to see this level of advanced manufacturing here in BC.

Please help us improve our upcoming events by providing some feedback on the event, even if you did not attend: [SeaStar Tour Feedback](#)



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:

"What type of vehicle do you plan to purchase next and why?"

Please email your answer to: info@saebritishcolumbia.org

Selected responses to last month's question from our membership:

"You should change your oil approximately every 5000 km, but it really depends on the wear rate of your oil and engine components. This is normally affected by the type of usage (power) and age of your vehicle. If you have a heavy duty engine versus a light duty engine you may have to change your oil more often. Same goes for diesel engines versus gasoline or other. Check your oil regularly and monitor its cleanliness rate of change. Synthetic oils will run longer before they are technically supposed to break down and be changed, but if you have a lot of engine component wear based on your vehicle age or usage then you may want to change your oil more often. Changing oil often can negate the benefits of longer running life synthetic. Synthetic costs more, so you may want to consider your change out rate versus your choice of oil. If you are changing it often (<5000 km say), you might be just as fine with regular oil rather than spending the extra money on synthetic. That being said, I always change my light duty gasoline engine on my Subaru Forester about every 5000 km with synthetic. -Fuel for thought..."

-Colin Keddie

2015-16 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!

2016 February 29	Event – 'Jeff Dix: Working Towards 'Virtually Zero' Motor Vehicle Fatalities'
2016 March 7	Board Meeting
2016 April 11	Event
2016 April 25	Board Meeting
2016 May 14	Event – 'LNG: State of Affairs'
2016 June 12	Year-End Social Event (F1 Race Viewing)

PHOTO CONTEST

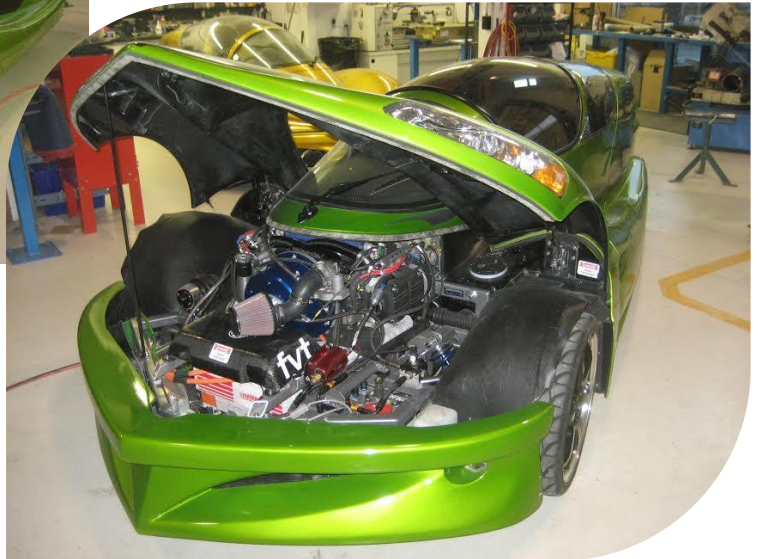
This season we're hosting a photo contest! Every month we'll encourage members to **post photos that exemplify mobility** on our Facebook page ([SAE BC Facebook](#)), Twitter, Instagram, or Google+ (tag them with **#SAEBC**), or email them to: info@saebritishcolumbia.org

The contest is open now, please post your photo as soon as you'd like.

Each month a winner will be selected and announced in the newsletter. Each month's winner will receive a **\$10 gift card for Starbucks**.



Thanks to Colin Keddie for contributing photos to the contest. These photos show a prototype electric 3-wheeler car that was produced locally by a FVT (Future Vehicle Technologies).



UPCOMING VANCOUVER INTERNATIONAL AUTO SHOW

Don't forget about the upcoming Vancouver International Auto Show held at the Vancouver Convention Center, March 23-27, 2016. It's a great event for anyone interested in cars. Check out their website for more info:

vancouverinternationalautoshow.com

WELCOME NEW MEMBERS

Let's welcome the following new members to the SAE BC Section for the 2015/16 season:

Tristan Sloan
Sara Tahermaram
Trevor Lynch-Staunton
Justin Armstrong
Alex Pizniur
Joseph Bantugon
Inderjit Panesar
Vaughn Richards
Lee Ellis
Adam Fishman
Victor de la Torre Fe



The BC Section of SAE International is now entering its 60th 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.

CALL FOR VOLUNTEERS

If you'd like to volunteer for SAE BC please inquire by emailing:
info@saebritishcolumbia.org

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.