

[Subscribe](#)[Past Issues](#)[Translate ▼](#)[RSS](#)

[View this email in your browser](#)



[www.viengsoc.ca](http://www.viengsoc.ca)

## ***VANCOUVER ISLAND ENGINEERING SOCIETY (VIES)***

### **NEXT MEETING**

**4 December 2020**

***Zoom Presentation @ 11:30am to 1:00pm***

**<https://zoom.us/j/7401989432?pwd=RVBxVFZzc3BVbHUzVXh2dUFCQWJmQT09>**

**Engineering Canada's Future**

climate change. What role will engineers play in addressing these challenges? Will we have the skills required to succeed?

### Speaker:



**Dr. Robert Crawhall PhD, P.Eng.  
PMP Executive Director  
Canadian Academy of Engineering**

[Register Now](#)

**BIO:** Dr. Robert Crawhall is a Canadian engineering executive with over 35 years' experience. He is a Fellow of the Canadian Academy of Engineering where he also serves as Executive Director. Robert is strategic advisor to academic institutions, government and private companies. He currently sits on the Board of Abipa Aerospace (QC), the Canadian Association of Security & Intelligence Studies, NanoOntario and The Partnership Group for Science and Engineering (PAGSE). Previous roles include CEO of NanoQuébec, President of the National Capital Institute of

Robert's private sector experience includes 15 years at BNR/Nortel where he started as a Member of Scientific staff working on physical design and electromagnetic compatibility and became Director of Disruptive Technologies, Global University Research and Advanced Technology Strategic Planning. Prior experience includes project management of nuclear power sub-system fabrication and advanced manufacturing infrastructure. He holds a PhD (uOttawa) and M.Eng (McGill) in electrical engineering, a B.Eng in Mechanical Engineering w. Minor in Bus. Admin (McGill). He is a Professional Engineer in Ontario, a Senior Member of the IEEE and a Member of CSSE.

**Agenda:**

1130 - 1145	login and networking
1145 - 1200	Introductions and Announcements
1200 – 1300	Presentation, Q&A, Wrap-Up

**Zoom Link:**

From the VIES website you can join the meeting directly through the meeting page

[Go To Meeting](#)

No meeting ID or password is required

**As we are using the same Zoom Link for every meeting you can set up automatic reminders in your calendar**

**KEY DATES:**

--

[Subscribe](#)[Past Issues](#)[Translate ▼](#)[RSS](#)

<i>December 4<sup>th</sup></i>		<i>Engineering</i>
<b>2021</b>		
<i>January 8<sup>th</sup></i>	<i>Evolution to Revolution; Aviation Regulation in a changing world</i>	<i>Jamie Johnson Regional Director Civil Aviation, Government of Canada Abbotsford BC</i>
<b>2020</b>		
<i>February 5<sup>th</sup></i>	<i>AI &amp; Private 5G networks - Reshape businesses in 2020's</i>	<i>Jamie Sawchuk Partner, Deloitte Victoria</i>
<b>2019</b>		
<i>March 5<sup>th</sup></i>	<i>The Pacific Ocean Neutrino Experiment (P-One)</i>	<i>Dr. Kate Moran President and CEO Ocean Networks Canada</i>
<b>2018</b>		
<i>April 2<sup>nd</sup></i>	<i>Introduction to BC Provincial Digital Health Initiative</i>	<i>Dr Douglas Kingsford, M.D., Ph.D. (Engineering) Provincial Chief Medical Information Officer</i>
<b>2017</b>		
<i>May 7<sup>th</sup></i>	<i>Canada's Energy Sector – Opportunities and Issues</i>	<i>Dr. Soheil Asgarpour, President Petroleum Technology Alliance Canada</i>

**LAST MEETING: 05 November 2020 Harbour Air's Electric Aircraft**

[Subscribe](#)[Past Issues](#)[Translate ▼](#)[RSS](#)

session on the development of the first commercial electric airplane. In partnership with magniX they have retrofitted a DHC-2 deHaviland Beaver with a 750 HP all-electric motor and have now complete successful test flights. Although the company was the first North American Airline to be fully carbon neutral (since 2007) this project will lead to the electrification of the full fleet of 40+ seaplanes. Working with a long proven deHaviland airframe the critical certification program is much simpler than developing a whole new plane. There was a lively 30 minute question and answer session that left us all more informed about this ground breaking project. Many thanks to Randy and Erika for their participation.

We were very pleased to meet Professor Mina Hoofar who has been ratified as the new Dean of engineering at UVic. It will be with great pleasure that we can support Mina as she takes on this new stage of her career.

---

-

### **Vancouver Island Engineering Society (CSSE / EIC) UVic Undergraduate Student Scholarships**

Each year we endeavour to fund two scholarships of \$2,000 each to students entering 2nd or 3rd year engineering programs who not only qualify academically but are also engaged in other career development activities.

Your support is particularly needed this year. The Covid-19 pandemic is having a negative effect on student financing capabilities resulting from reduced or lost income of supporting families compounded by the difficulty of finding part time and seasonal student employment.

Noting your savings in meeting meal costs, donations in any amount are welcome. We rely on them to support these scholarships ..... \$100 (or more) would be wonderful; \$50 very helpful; \$25 happily received.

to give back a little.

**This year, please donate in one of two ways:**

- To support next year's scholarships donate online directly to our Society's Award Fund at UVic. Here's how <http://extrweb.uvic.ca/donate-online/csse-eic>

Information on how to donate by cheque, should you wish to do so, is also provided on this link.

- To support future scholarships donate online to our Society's Capital Fund at the Victoria Foundation. Here's how:

Click on <https://www.canadahelps.org/en/charities/victoria-foundation/>

and scroll down the list of funds to:

***Engineering Institute of Canada – CSSE/EIC Vancouver Island Scholarship Fund***

You will receive a receipt for tax purposes online directly from UVic or the Victoria Foundation

***Should you require any further information on scholarships do not hesitate to call Graham Morgan (Tel: 250 477 4311) or Email: [graham.morgan.30@gmail.com](mailto:graham.morgan.30@gmail.com)***

## University of Victoria

### UVIC PRESIDENT - Dr. Kevin Hall

<https://www.uvic.ca/news/topics/2020+next-president+media-release>



#### **Dr. Kevin Hall**

Kevin Hall, an innovative academic leader and civil engineer known for his strong commitment to community engagement and unwavering belief in access to education and equity, diversity and inclusion, will be the next president of the University of Victoria. Hall was chosen after a year-long search process by a committee composed of representatives from a variety of university constituencies, including Board of Governors, Senate, faculties, staff, graduate and undergraduate students, and the UVic Alumni association. The committee's work was informed by input from the campus and external communities.

-----  
-



ENGINEERS &  
GEOLOGICISTS  
BRITISH COLUMBIA

## PROFESSIONAL GOVERNANCE ACT

PGA will replace the Engineers and Geoscientists Act. EGBC will cease to be an independent self-governed professional association and will become one of five uniformly structured Regulators under the aegis of a Superintendent who reports to the Attorney General. All licensed practitioners (Engineers, , Foresters, Biologists, Aerologists and Applied Science) will become registrants of their respective Regulator. EGBC remains the Regulator for Engineers and Geoscientists.

Intended to become law in November 2020, but delayed d/t election: however, it is expected to be on the early list of items tabled in the new Legislature.

Changes:

- Code of Ethics. Updated to align with mandatory ethical principles in the PGA
- Regulation of Firms (includes Sole Practitioners) comes into effect July 2021
- Continuing Education (comes into effect July 2021).
  - Mandatory
  - Based on 3-yr rolling calendar
  - Technical, Ethical, Regulatory, and Communications
  - 1 hour of Ethics and Regulatory CEP will be mandatory for those with “Non-Practicing” or “Retired” designations
- Council: Staged transitioning with full implementation to take effect at next AGM (fall 2021)
  - Reduced size (17 down to 12),
  - 8 elected / 4 government appointees

- More information:
  - PGA – What You Need to Know free seminar from [Online Learning Centre](#)
  - [Understanding Code of Ethics free](#) webinar 11:45AM to 1:PM on 27 January 2021. Register through EGBC webpage/Continuing Education

### VICTORIA BRANCH EGBC

- COVID-19 has caused considerable challenges to our programme and activities this year
- Activities we are still undertaking
  - Collaboration with other Professional groups (such as VIES) to get maximum participation w/o Zoom fatigue
  - Researching other venues, such as “Live Stream” of industry (cost challenge)
  - Outreach
    - continues, but significant impact on school outreach to showcase to new generation of Engineers and Geoscientists
    - In-person events cancelled – working on streaming events
    - NEGM will be quite the challenge this year
  - Talbot Award – will continue, but presentation could be “unique”
  - Next Event: (mid – December date tbd) - Dr Dechev on the Victoria Hand Project and 3D printing for prosthetics.
  -
- Contact info via EGBC web page (<https://www.egbc.ca>) , or to me at [chair.vic@volunteer.egbc.ca](mailto:chair.vic@volunteer.egbc.ca)

[Subscribe](#)

[Past Issues](#)

[Translate](#) ▼

[RSS](#)



---

*Copyright © 2020, VIES, All rights reserved.*

[Home](#) | [Unsubscribe](#) | [Contact Us](#) |

---

This email was sent to [kwputt@shaw.ca](mailto:kwputt@shaw.ca)  
[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)  
Vancouver Island Engineering Society · Victoria Ave · Victoria, BC · Canada

