

# INCOSE Canada Chapter Quarter 3 Members Newsletter

## October 2024



### Introduction

After successfully launching the very first Chapter Newsletter, the INCOSE Canada Chapter Board is now publishing Q3 Canada Chapter members newsletter. As this is a new addition to our chapter efforts, please let us know if you have any feedback so we can improve it over time. If you are interested in joining us as a volunteer, please email us at [canada@incose.net](mailto:canada@incose.net).

### Message from the President Elect & Vice President



As we enter the fourth quarter of the year, I am excited to reflect on the progress INCOSE Canada has made towards achieving our vision. Our Strategic Plan outlines our goal to become the key enabler for the Systems Engineering community in Canada to network, collaborate, share ideas and experiences, and disseminate Systems Engineering knowledge and best practices. In 2024, we took a significant step towards realizing this vision by hosting our first in-person events in Vancouver and Toronto since the pandemic. These gatherings were a resounding success, and we are thrilled to announce that we will be hosting another round of in-person events in these cities, as well as our first event in Montreal soon. Our Technical

Program continues to deliver exceptional value to our members, featuring expert speakers and rising stars in the Systems Engineering domain. We also recently wrapped up a highly successful member-led INCOSE SE Handbook study group, demonstrating our commitment to knowledge sharing and dissemination.

I am also pleased to report that INCOSE Canada has been recognized with the Silver Chapter Award for outstanding chapter practices for the second consecutive year. This achievement is a testament to the hard work and dedication of our board members and volunteers. Looking ahead to the fourth quarter, we are eager to build on this momentum. In addition to our in-person events, we will be gearing up for our annual elections, where our members will have the opportunity to vote for the next board. We have received a number of nominations from members across the country, and we are excited to welcome new talent and experienced veterans to our team. Thank you for your continued support and engagement with INCOSE Canada. We are committed to delivering value to our members and advancing the practice of Systems Engineering in Canada.

## Membership Report

### Welcome to Our Newest Members!

We are excited to welcome our newest INCOSE members to the Canada Chapter. Please look for them at future events. The following members joined in Q3 2024:

<b>Quebec</b>	Subramanian Subbaraman
<b>Ontario</b>	Anne Bruneau, Marcelo Lastra, Andrea Zotelli de Mattos, Seyed Ali Nasser, Tom Sparrow
<b>British Columbia</b>	Flavio Ortolano, Kyle Philibert-Palmer
<b>Other</b>	Adeshina Ojo, Nils Mäurer

### Congratulations to Our Q3 2024 Systems Engineering Professionals!



Rahul Alaguvelu, Xavier, Agustin Carballo, Md Humayun Ibna Hamid, Simon Hunkin, Ming Lei, Seyed Ali Nasser, Alexei Ofitserov, Hitesh Ramesh, Qifang Wang



Matthew Bowman, Pierre-Marc Guilbault, Arman Nikkhah, Dushyant Patel, Rui Zou

*Note: Members who have opted out of the directory/email have been excluded from this list above. Please let us know if you think you have been omitted by accident, and we will be sure to include you in our following newsletter!*

Many individuals participated in the INCOSE Canada chapter's study group in **2023**. Another study group was initiated in **Q1 2024**, in which systems engineers studied the INCOSE Systems Engineering Handbook in 12 weeks and prepared for the INCOSE Certification Exam. If there are enough interests, we will look to start additional study groups in **Q4 2024** for those interested in pursuing either ASEP or CSEP certification.



## Past Events

July 29th - Happy Hour Event: Sharing Experiences from INCOSE IS2024

This was an INCOSE virtual happy hour event offered by the INCOSE Canada Chapter leads on Monday July 29, 2024, hosting Ivan Rodrigues, Ivan Taylor, Ray Barton, and Stéphane Lacrampe, sharing experiences from the **34th Annual INCOSE International Symposium in Dublin, Ireland (July 2 – 6, 2024)**.

**Happy Hour Event: Sharing Experiences from INCOSE IS2024**

**Ivan Rodrigues**   **Ivan Taylor**   **Ray Barton**   **Stéphane Lacrampe**

**INCOSE Canada Chapter**

Monday, July 29, 2024  
8:00 – 9:00PM ET  
5:00 – 6:00PM PT

A **FREE** Virtual INCOSE Canada Chapter Meeting  
**Registration is Required**

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[www.incose.org/Canada](http://www.incose.org/Canada)

**Save the date for**  
**#INCOSEIS**  
Tuesday 2 - Saturday 6 July

**34<sup>th</sup> Annual INCOSE International Symposium**  
hybrid event  
Dublin, Ireland

## Upcoming Events

October 21st - Complex Systems as Boundary Work in Multi-perspective Imagination

[\(Registration Link\)](#)

This is an INCOSE virtual event brought to you by INCOSE Canada Chapter featuring speaker Randall Anway, an active member of the International Council on Systems Engineering, and the American Institute of Architects. Randall holds a Master of Architecture from the University of Illinois, Urbana-Champaign and Bachelor of Fine Arts from the University of Connecticut. A registered Architect licensed in New York and Connecticut, USA, Randall's work draws on 30 years diverse experience in academic, corporate, non-profit, and small business settings.

**Complex Systems as Boundary Work in Multi-perspective Imagination**

**Randall Anway**  
*An active member of INCOSE and AIA, brings 30 years of diverse experience in academic, corporate, non-profit, and small business settings.*

**INCOSE Canada Chapter**

Monday, October 21, 2024  
8:00 – 9:00PM ET  
5:00 – 6:00PM PT

A **FREE** Virtual INCOSE  
Canada Chapter Meeting  
**Registration is Required**

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October 30th – INCOSE Canada Chapter In-person Meet-up ([Registration Link](#))

After successfully hosting one of the first INCOSE Canada Chapter meetings in Vancouver, we are hosting the second in-person meet-up in Downtown Vancouver. Registration is required to join this event and a Light refreshment will be provided. As the number of seats is limited to 35 people on a first come first serve bases, please register via the link below to save your spot.

- **Location: Bentall 5, 550 Burrard St, Vancouver, BC V6C 2B5**
- **Date: Oct 30, 2024, 05:00pm PT - Oct 30, 2024, 07:00pm PT**

This event's purpose is to provide the INCOSE Canada Chapter members in the Greater Vancouver Area with an opportunity to meet, mingle, and discuss various Systems Engineering topics.



# INCOSE Canada Chapter Meet-up in Vancouver, British Columbia

**Date:** Wednesday, October 30, 2024, 5-7 PM PT  
**Location:** Bentall 5, 550 Burrard St, Vancouver

A **FREE** In-person INCOSE Canada Chapter Meet-up  
**Registration is Required**



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November 4th – Think Like an Ecosystem: Deploying MBSE within your Organization  
([Registration Link](#))

This is an INCOSE virtual event brought to you by INCOSE Canada Chapter presenting how natural ecosystems can provide insights into managing change in human and engineered systems. By applying principles of ecosystem succession to MBSE deployment, organizations can improve and accelerate new initiatives. The authors propose a Bio-Inspired design process drawing on nature's strategies to develop resilient processes and efficient modeling practices. This approach enriches MBSE adoption, acknowledges organizational complexities, and promotes adaptive strategies for successful deployment.

**Think Like an Ecosystem: Deploying MBSE within your Organization**

*INCOSE Canada Chapter*

**Allison Lyle,**  
*A practicing engineering consultant and instructor. Allison works with teams to pragmatically apply systems thinking principles and Model-Based Systems Engineering (MBSE) processes and tools to advance product and system development.*

**Rae Lewark,**  
*An ecologist focused on the integration of human and ecological systems. Rae explores the intersection of environments and human behavior.*

**Monday, November 4, 2024**  
8:00 – 9:00PM ET  
5:00 – 6:00PM PT

A **FREE** Virtual INCOSE  
Canada Chapter Meeting  
*Registration is Required*

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December 2nd - Why Systems Engineering is a Smart Investment: Managing Complexity, Reducing Risk, Saving Money ([Registration Link](#))

This INCOSE virtual event, hosted by the INCOSE Canada Chapter, features speaker Ivan Taylor, president of Policy Dynamics Inc. located in Kitchener, Canada. Ivan has been a Scientist Emeritus at the Centre for Operational Research in Defense R&D Canada where he was employed as a Defense Scientist for over 33 years. Ivan has a Ph.D. in Public Policy, an M.Sc. in Information and Systems Science, and a B.Sc. in Mathematics (Honours). Ivan has presented at the INCOSE International Workshop (IW) in 2021 and 2022 and the 34th Annual INCOSE International Symposium in 2024.

The poster features a background of a blue-toned document with a pen and a line graph. The title is in red, bold text. A portrait of Ivan Taylor is centered. Below the portrait is his name and title. The INCOSE Canada Chapter logo is at the bottom right. The event details are in a grey box at the bottom left.

**Why Systems Engineering is a Smart Investment:  
Managing Complexity, Reducing Risk, Saving Money**

**Ivan Taylor**  
President, Policy Dynamics Inc.,  
Membership Director and Treasurer, INCOSE Canada Chapter

**INCOSE Canada Chapter**

Monday, December 2, 2024  
8:00 – 9:00PM ET  
5:00 – 6:00PM PT

A **FREE** Virtual INCOSE  
Canada Chapter Meeting  
**Registration is Required**

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*If you are interested in presenting at one of the Canada Chapter's events, please contact [canada@incose.net](mailto:canada@incose.net). Different Systems Engineering topics are welcomed, including Requirements Management, Model-Based Systems Engineering (MBSE), Verification and Validation, Machine Learning/AI, Cyber Security, and Systems Safety/FMEA. **Presenters receive a certification from the INCOSE Canada Chapter for their contribution to the chapter.***

## Canada Chapter's Board election

We are excited to announce that the upcoming Board of Directors and Committee Board Elections for the 2024-2025 was initiated in Q3 and we received nominees for various positions. Members participation is vital to the success of our organization, and we encourage all members to consider voting in the upcoming election and help shape the future of INCOSE Canada. For detailed information about positions and the election rules, please visit Canada Chapter's election [Website](#).

### **Available Positions:**

#### *Executive Board of Directors Position:*

- **Treasurer:** Manages financial affairs, including budget preparation and record keeping.
- **Secretary:** Prepares meeting minutes and maintains non-financial records.

#### *Committee Board Positions:*

- **Communications Director:** Manages member communications and assists with board communications.
- **Technical Program Director:** Plans technical programs and educational activities.
- **Membership Director:** Focuses on sustaining and increasing membership.
- **Webmaster:** Develops and maintains the chapter website.

#### *Appointed Positions:*

- **French Language Outreach Director:** Broadens outreach to francophone communities.
- **Academic Outreach Director:** Deepens connections with students and faculty.
- **Systems Engineering Professional Growth Director:** Increases SEP certification among members.
- **International Symposium Chapter Representative:** Supports INCOSE Central for the 2025 Symposium in Ottawa.

### **Important Dates:**

- **Close of Nominations:** October 9, 2024, at 23:59 (PST)
- **Voting Opens:** Voting opens: October 14, 2024, at 23:59 (PST)
- **Voting closes:** November 15, 2024, at 23:59 (PST)
- **Announcement of results:** November 19, 2024, 17:00 (PST)

### **Voting Method:**

- Voting will be conducted online via a secure platform.
- Eligible voters will receive an email with unique login credentials.

For further information about positions and the election rules, please visit Canada Chapter's election [Website](#). Please reach out Tony Wu if you have any questions or concerns about the election.

***Your involvement is crucial for the continued success of INCOSE Canada. We look forward to your active participation in shaping our future together!***



## Canada Chapter's Accomplishments in Q3 2024

- Hosted technical events with great member participation rate
- Published the second Canada Chapter Newsletter
- Contributed to the Q3 Global INCSOE Newsletter
- Awarded Silver Chapter status for the INCOSE Chapter Circle Award 2024
- Tony Wu, Canada Chapter's vice-president and president-elect, joined Cohort 10 of the INCOSE's Technical Leadership Institute
- Announced Systems Engineering Student Competition
- Share experiences from the 18th Annual IEEE International Systems Conference ([Link](#))
- Share experiences from the 34th Annual INCOSE International Symposium ([Link](#))
- Initiated Chapter Election and received nominations for 2024-2025 Board positions

## Upcoming Canada Chapter's initiatives for Q4 2024

- Scheduled the second round of in-person networking session in Vancouver
- Roll out Chapter Board elections and announcements for elected persons
- Three technical events for Q4 in various systems engineering topics
- Improve Canada Chapter's technical program
- Plan for next year's Chapter vision and missions
- Initiate INCOSE Handbook Study Group in collaboration with other INCOSE Chapters if receive enough interests

## Meet the 2024 INCOSE Canada Chapter Board Members.

In case you missed it, your elected 2024 INCOSE Canada Chapter board consists of:

### President

Terry Fitzgerald



### Vice-President and President-Elect

Tony Wu



### Membership Director and Treasurer

Ivan Taylor



### Technical Program Director

Ivan Rodrigues



### Communication Director

Arman Nikkhah



### Secretary

Pengzhou Lu



### Webmaster

Stéphane Lacrampe



### Past President

Ray Barton



To learn more about board members' background, please visit [INCOSE Canada Chapter Website](#) ([Link](#)).