

INCOSE Canada Chapter Member Newsletter - June 2025



In this newsletter...

Upcoming Events

- [Transportation Infrastructure Workshop - July 25th](#)

Highlights

- Welcoming new members and SEPs
- Vancouver In-Person Meet-up
- INCOSE Canada Student Competition!
- SEP Cohort 2025
- 2025 year in review - Vancouver Meet-up and past webinars

Upcoming Events

TRANSPORTATION INFRASTRUCTURE WORKSHOP 2025



JULY 25TH, 2025

8:30AM TO 5:00PM EDT



OTTAWA, ON

SPEAKERS



MARCEL VAN DE VEN
Heijmans



DALE BROWN
Hatch



WILLIAM HUI
TransLink



KEITH BROWN
Mott MacDonald



JOHANNES VAN DER MERWE
UNICO Engineering

PRESENTED BY:



American
Public Transportation
Association

IN COLLABORATION WITH SPONSORS:



MOTT
MACDONALD



[Transportation Infrastructure Workshop - July 25th, 2025](#)

If you haven't already heard, INCOSE Canada is thrilled to announce the inaugural Transportation Infrastructure Workshop!

Agencies are facing unprecedented challenges with the current surge in infrastructure investment, including:

- Complicated integration issues between legacy systems and new technologies.
- Increasing technical complexity in contemporary transportation infrastructure solutions.
- Varying and ambiguous expectations and methodologies across projects and organizations.

Join this workshop to streamline project delivery and systems engineering. By participating, you'll help create a unified vision, share best practices, and learn the latest innovations. The outcome will be a collaborative effort to develop the INCOSE-APTA Systems Lifecycle Engineering (SLE) Standard, setting a new benchmark for the industry.

[Visit our website](#) to learn more about the individual registration and sponsorship opportunities!

Register now!

Introducing Our Newest Members

We are excited to introduce our newest members who have joined the INCOSE community for all over Canada. Let's give them a warm welcome as they embark on their journey in systems engineering!

Name	City, Province
Marwan Abu Haidar	Richmond Hill, ON
Braydon deWit	Trail, BC
Nancy Franco	Port Coquitlam, BC
Olga Frolova	Toronto, ON
Frew Griffiths	Middle Sackville, NS
Vladislav Leder	North Vancouver, BC
Camden MacDonald	Halifax, NS
Duncan Osmond	Dartmouth, NS
Gilbert Poon	Ajax, ON
James Slupsky	Moncton, NB
Dan Ungurean	Mississauga, ON

Introducing Our Newest Systems Engineering Professionals (SEPs)

We are excited to announce and congratulate our newest certified Systems Engineering Professionals! Your hard work and dedication have paid off, and we are excited to welcome you

to the community. Well done to all!



Cleo Wong



Manjodh S. Banwait

Tapan Rakholiya

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!

INCOSE Canada Student Competition

INCOSE CANADA
STUDENT COMPETITION

Make an Impact with Your Idea!

Are you a Canadian engineering student working on a team project? Then the INCOSE Canada Chapter Student Competition may be right for you!

Our competition is an opportunity to compete for up to **\$3,000** in prizes, while also benefiting from mentorship and networking opportunities with systems engineers.

Applications close October 1st 2025!

INCOSE Student Competition 2025

SEP Cohort 2025 Success

The INCOSE SEP study group, organized by Arman Nikkhah, has successfully concluded, providing invaluable support and motivation to all participants.

Thank you to all those who participated in this cohort which was provided in partnership with Seattle Metro and San Francisco Bay Area Chapters. And thank you to Arman for his leadership and dedication.

Carla Guzzardo, one of the SEP Cohort members, put it best: *"Thank you, Arman, for leading the cohort. I feel confident we can all pass the exam now. The study sessions were a great motivator for reading through and actually absorbing the Handbook. And thank you to everyone for participating! Speaking for myself, it was sometimes hard to find the time to get through the section for the week and write notes, but I'm glad I did, and I appreciate everyone's different perspectives and contributions."*

If you are interested in joining the next cohort, please reach out to Arman.



FOLLOW
US ON LINKEDIN

Join our LinkedIn page and share it with your fellow Systems Engineering professionals. Following us on LinkedIn helps us build a stronger community, stay updated with the latest news, and share valuable insights. Don't miss out—connect with us today!



2025 Year in Review

Vancouver In-Person Meet-up

On June 19th, the INCOSE Canada Chapter hosted an exciting and packed networking event for Systems Engineering professionals in Vancouver, BC. This meet-up provided a fantastic opportunity for attendees to connect with fellow experts, share insights, and build valuable relationships.

We extend our deepest gratitude to our amazing speakers for sharing their insights and expertise. Your contributions were invaluable!

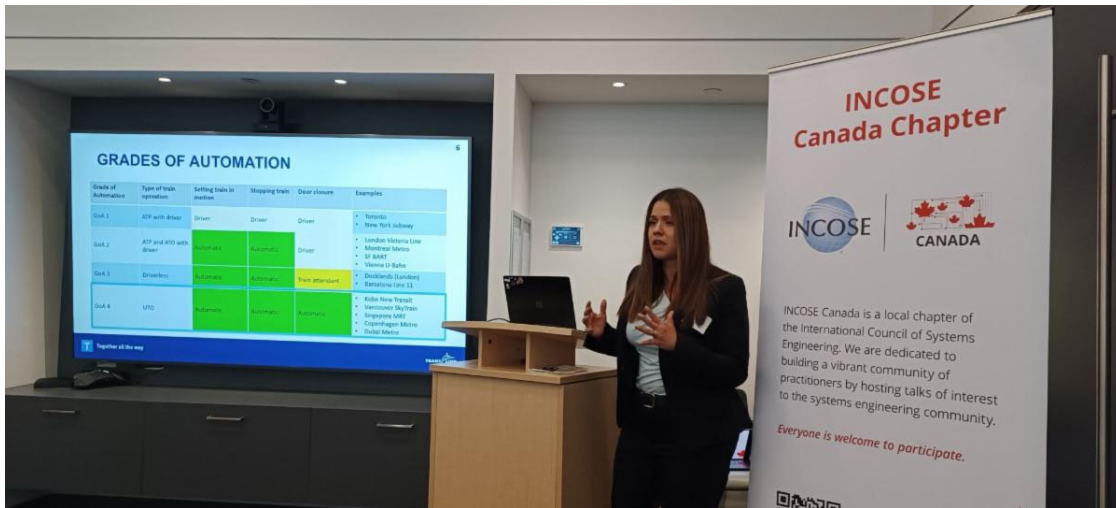
Featured Speakers:

- Nancy Franco (British Columbia Rapid Transit Company)

- Sudhakar Bakki (Verathon)
- Arman Nikkhah (Mott MacDonald)

Thank you also to the organizing team: Hai Tao Wu, Stéphane Lacrampe, and Arman Nikkhah, for ensuring everything ran smoothly.

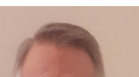
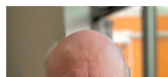
Lastly, a heartfelt thank you to all the attendees for your enthusiasm and engagement. Your presence and contributions made the event truly special. We look forward to more such enriching experiences in the future!



Past Webinars

Thank you to our webinar presenters! We at INCOSE Canada deeply appreciate the time and expertise our presenters have shared during recent webinars. Your contributions have greatly enriched our community's knowledge and sparked valuable discussions.

Thank you for your outstanding support!

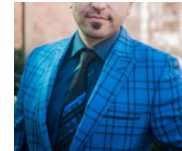




Webinar - May 12th & May 26th: Blair MacDonald discussed transitioning to a tiered structure in Cameo Enterprise Architecture for MBSE. This approach enhances model sharing, element reuse, and custom data analytics while maintaining a coherent Data Model and Containment Tree structure.



Webinar - April 14th: David Hetherington and Ivan Taylor's webinar focused on enhancing security in engineered systems using System-Theoretic Process Analysis (STPA) and System Dynamics (SD). They discussed resilience, adaptive redundancy models, and failure response strategies to maintain operational integrity under threats.



Webinar - March 17th: Shahram Pourazadi, Technology Entrepreneur and IP Specialist, discussed building IP portfolios and commercialization strategies. He highlighted the use of Model-Based Systems Engineering (MBSE) to enhance IP and technology management for high-tech companies.



Webinar - February 10th: Prof. Alex Ellery discussed lunar industrialization with self-replicating machines and in-situ resource utilization, highlighting new possibilities in space exploration.



Webinar - January 20th: Stéphane Lacrampe, co-founder of Obeo, introduced SysON, an open-source SysML v2 modeling tool, showcasing its potential for digital engineering transformation.



Webinar - January 13th: David Long, INCOSE Director for Strategic Integration, presented "Systems Engineering Vision 2035," outlining the future of systems engineering and INCOSE's strategic plan.

[View Event Recordings](#)

*Interested in presenting at one of the Canada Chapter's events? Contact us at canada@incose.net. As a presenter, you'll receive a certificate of appreciation and a **gift certificate** from the INCOSE Canada Chapter in recognition of your contribution.*

Past Newsletters

- [INCOSE Canada Chapter Member Newsletter - May 2025](#)
- [INCOSE Canada Chapter Member Newsletter - April 2025](#)
- [INCOSE Canada Chapter Member Newsletter - March 2025](#)
- [INCOSE Canada Chapter Member Newsletter - February 2025](#)



The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization founded to develop and disseminate the trans-disciplinary principles and practices that enable the realization of successful systems. INCOSE is designed to connect systems engineering professionals with educational, networking, and career-



advancement opportunities to develop the global community of systems engineers and systems approach to problems.
We also focus on producing state-of-the-artwork products that support and enhance this discipline's visibility worldwide.

INCOSE Canada Chapter | 7670 Opportunity Rd, Suite 220 | San Diego, CA 92111 US

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