

# INCOSE Canada Chapter Member Newsletter - May 2025



## In this newsletter...

### Upcoming Events

- Vancouver In-person Meet-up! - June 19th
- Transportation Infrastructure Workshop - July 25th

### Highlights

- Welcoming new members and SEPs
- INCOSE Handbook French Translation: Envie de contribuer à la première traduction francophone du Handbook INCOSE?
- INCOSE Canada Student Competition - call for Judges and Sponsors!
- 2025 year in review - Toronto Meet-up and past webinars

---

## Upcoming Events

### Vancouver In-Person Meet-up

Join the INCOSE Canada Chapter in **Vancouver, BC** for an exciting networking event for Systems Engineering professionals! This meet-up offers a fantastic opportunity to connect with fellow experts in the field, share insights, and build valuable relationships.

Featuring speakers: Nancy Franco and Sudhakar Bakki, P.Eng.

Refreshments will be provided!

## INCOSE CANADA MEET-UP

JUNE 19<sup>TH</sup> (THURSDAY) | 5:15 TO 7:00 PM

BENTALL 5  
(550 BARRARD ST, VANCOUVER)

## Featuring speakers:



**Nancy Franco**  
Senior Project Manager,  
Capital Major Projects,  
BCRTC



**Sudhakar Bakki, P.Eng.**  
Senior Systems Engineer,  
Verathon Medical  
(Canada) ULC

Register now!



**TRANSPORTATION  
INFRASTRUCTURE  
WORKSHOP**

CALLING ALL AGENCIES AND  
PROFESSIONALS!

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

INCOSE Canada is excited to bring to you 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. Let's give them a warm welcome as they embark on their journey in systems engineering!

Name	City, Province
Aaron Boda	Calgary, AB
Lee Castiglione	Peterborough, ON
Somith Das	Peterborough, ON
Lili Diao	Mississauga, ON
Tracy Hudson	Ajax, ON
Ammar Khalid	Toronto, ON
Jordan Lloyd	Kitchener, ON
Monir Magharbil	Other
Andrew Magnaldo	Ottawa, ON
Gbolahan Olaniyi	Calgary, AB
Mohamed-Amir Sta	Calgary, AB

## Introducing Our Newest Systems Engineering Professionals (SEPs)

We are also excited to introduce our newest Systems Engineering Professionals who have been certified. Let's give them a warm welcome as they embark on their journey in systems engineering!



Thomas Aldous, Leslie Bennett, Jean-Francois Brais-Villemur, Ramapriya Dunna, Brent Figg, Olugbenga Oladapo, Gbolahan Olaniyi



Cumbysis Tampal, Teck Tay

*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!*

---

## Envie de contribuer à la première traduction francophone du Handbook INCOSE ?

Nos collègues de l'AFIS (Association Française d'Ingénierie Système – le chapitre français d'INCOSE) se sont lancés le défi ambitieux de traduire la version 5 du *INCOSE Systems Engineering Handbook*. La traduction des chapitres est presque terminée, et ils souhaitent maintenant faire appel à la communauté francophone pour relire, enrichir et affiner cette première version.

Pour cela, nous avons besoin de votre aide !

En tant que responsable du développement de la communauté francophone au Canada, je suis à la recherche des volontaires prêts à contribuer à cet effort collaboratif. Tous les profils sont les bienvenus : que vous soyez expert ESEP, nouveau membre en pleine préparation de l'examen ASEP/CSEP, ou simplement passionné par l'ingénierie système, votre regard sera précieux.

C'est l'occasion de mettre à profit le talent linguistique des francophones du Canada pour améliorer la qualité du texte, notamment en essayant d'adapter certains anglicismes au contexte francophone.

Vous souhaitez participer à cette initiative réunissant les francophones d'INCOSE à travers le monde et contribuer à la première version du Handbook d'INCOSE en français? Alors contactez-moi à l'adresse suivante: [Arnaud Royer](#).

---

## INCOSE Canada Student Competition

In preparation of the INCOSE Canada Chapter Student Competition, we are looking for volunteers as **Sponsors and Selection Committee judges**. If you are interested, please contact: [Qifang Wang](#).

### Sponsors

#### Sponsorship Levels:

- Bronze: 500 CAD
- Silver: 1000 CAD
- Gold: 2000 CAD
- Platinum: 3000 CAD

#### Benefits:

- Enhanced Brand Visibility: Sponsors gain prominent exposure to a wide audience, including students, educators, and industry professionals.
- Community Engagement: Sponsorship demonstrates a commitment to supporting education and the local community, enhancing your company's reputation.

### Selection Committee Judges

#### Eligibility:

- Membership in the INCOSE Canada Chapter
- INCOSE certification (ASEP, CSEP, or ESEP)

#### Time commitment (throughout 2025):

- 1-3 hours to review submissions
- 9 hours to attend mentorship sessions and support students (optional)

**Benefits:**

- Professional Development Units (PDUs)
- Invitation to join mentorship sessions and interact with students

INCOSE Student Competition 2025

2025 Year in Review

**Toronto Meet-up**

On May 24th, the INCOSE Canada Chapter hosted yet another successful meet-up in Toronto, connecting systems engineering professionals from various sectors. The event featured a compelling presentation by **Ivan Taylor**, President of Policy Dynamics Inc., on "AI Agents for MBSE: Connecting Processes Through Workflow Diagrams."

Ivan's insights highlighted the integration of AI agents in Model-Based Systems Engineering (MBSE) to streamline processes and enhance workflow efficiency. The meet-up provided an excellent opportunity for networking and knowledge sharing among attendees.



**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!

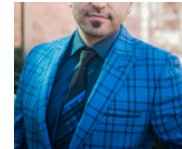




**Webinar - May 12th & May 26th:** Blair MacDonald discussed transitioning to a tiered structure in Cameo Enterprise Architecture for MBSE. This approach enhances model sharing, element reuse, and custom data analytics while maintaining a coherent Data Model and Containment Tree structure.



**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](mailto: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 - 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