

INCOSE Canada
5th Annual Conference

1-2 Dec, 2017
Algonquin College
Ottawa



CANADA 150

INTERNATIONAL COUNCIL ON SYSTEMS ENGINEERING

INCOSE is the world's authority on Systems Engineering

INCOSE **CANADA** CHAPTER PRESENTS

"INNOVATION IN SYSTEMS ENGINEERING" Presentations from Industry, Government & Academia

Workshops and Conference for the Systems Engineering Professional- Presentations from Industry, Government & Academia

****NEWLY ADDED**** Exam Writing Opportunity for INCOSE Systems Engineering Professional designation!

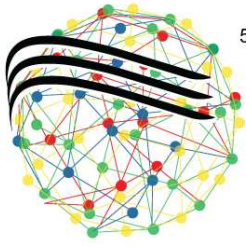
Friday, 1 Dec 2017: Systems Engineering Workshops

Workshops include:

- **Model Based Systems Engineering-** Model Based Systems Engineering is the emerging industry best practice that provides end-to-end traceability from requirements through system architecture to system design and then into test development and results. The construction of a true systems model- while supporting the generation of the standard set of engineering documents- provides greatly enhanced control and management of system development, thus reducing risk across all elements of system development- cost, schedule and scope.
- **Software System Engineering Management-** SwSE is an approach to merging a significant SW Engineering effort into a larger System Engineering programme. It focusses on the Systems Engineering Management aspects of the software development effort- not the SW Engineering portion- integrating ISO/IEC 15288 and ISO/IEC 12207 and utilizing the Systems Engineering V model
- **Internet of Things-** delivered by a team from the leading IoT company in the world, IBM, this workshop allows the attendee to explore the applications of various IoT technologies- from integrated sensors to the world's most advanced AI, Watson- to real world problems
- **Specialty Engineering-** this workshop starts with the application of System Engineering practices and principles to Enterprise Architecture implementations and then addresses the approach to applying system engineering principles to the development of safety critical systems

PROGRAMME DETAILS: [HTTP://INCSECANADA.CA/](http://incosecanada.ca/)

For more information about this event contact: Mike Meakin and Steve Gribbon at confchair@incosecanada.ca



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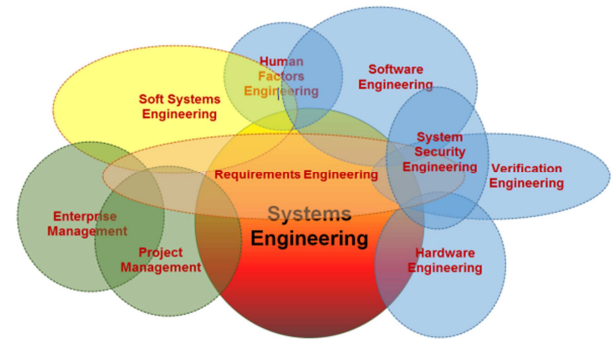
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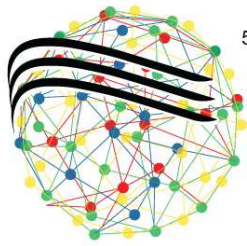
Saturday, 2 Dec 2017: Conference Schedule



Morning Plenary	
0800-0900	Registration
0900-0920	INCOSE Canada Welcome & Introduction
0920-0940	INCOSE North America Vision
0940-1020	First Keynote- Commodore Simon Page (DGMEPM)
1020-1040	Coffee Break
1040-1120	Second Keynote- LCol T.S. McLean (Chief of Staff, 7 Comms Grp)
1120-1200	Third Keynote- Dr. Don Gelosh (Worcester Polytechnic Institute)
1200-1300	Lunch

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Saturday, 2 Dec 2017: Conference Schedule (cont'd)

	Model Based Systems Engineering	Safety Engineering/ HFE	INCOSE Americas Region	System Security Engineering/ IoT	Architectural Frameworks
1300-1400	Melody Advanced Modelling Tool (Pierre-Marie Perchoc, Thales)	Safety Critical Engineering for Urban Rail Systems (Doug Ailey, Thales)	INCOSE Systems Engineering Professional Exam	Tracking Assets in A Hospital Environment (Dr. Daniel Amyot, U of O)	Integrating SE Solutions and Enterprise Architecture (Robert Weisman, U of O)
1400-1500	Papyrus Industry Consortium (Charles Rivet, Zeligsoft)	Operating & Support Hazard Analysis (Sue Cox/ Tony Zenga, The Safety Wright)	INCOSE Systems Engineering Professional Exam	System Security Engineering (Fred Audet, Thales)	Requirements Engineering (Mark Jennings, DND)
1500-1530	Coffee Break				
1530-1630	Self Adaptation Driven by Goal and SysML Model (Amal Ahmed, U of O)	HFE for New System Implementation in Hospitals (Adam Freed)	Collaborative SE in the Ascent Abort-2 Crew Module (Tony Williams, Johnsons Space Center)	Internet of Things (Walter Knitl, Praxiem)	SE Approach to Shipboard Electronic System Integration (Andre Roy, Thales)
1630-1700	INCOSE Canada Standup AGM				

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