



2019
C4ISR
 and Beyond

January 30, 2019

Chateau Laurier, Ottawa

TIME	TOPIC	SPEAKERS
7:30 – 8:10	Registration, Breakfast & Networking	
8:10 – 8:15	Welcome Speaker	Terri Pavelic , Editor-in-Chief, <i>Vanguard</i>
8:15 – 8:45	Opening Keynote <i>Operations in an Increasingly Informationized Environment</i>	MGen William Seymour , Deputy Commander, Canadian Joint Operations Command, Canadian Armed Forces
8:45 – 10:15	Panel 1 <i>Future Land C4ISR: Challenge or Opportunity?</i> Keeping up with the requirements of security and functionality requires deliberate and predictable investments. How can industry deliver on effects and requirements as opposed to meeting the technical specifications? - Programmatic View - Operational View - Technical View	Moderator: Col Roger Barrett (Ret'd) , Business Modernization and Technology Transformation Lead, Accenture Panelists: Col Richard Fawcett (Ret'd) , Director of Business Development, Land and Joint Solutions, General Dynamics Mission Systems - Canada LCol Ian Graham , Directorate Land Requirements, C2, Electronic Warfare and Simulation, Canadian Army LCol Mike Moulton , Tactical C2IS Equipment Management Team Leader, Canadian Armed Forces
10:15 – 10:45	Networking Break	
10:45 – 11:15	Scalable Networks Mission-critical networks need to be highly reliable. In the case of defence organizations, they also need to be adaptable to a variety of extreme environments and resilient to environmental changes or changes in the network infrastructure itself. A mission-critical defence network is therefore required to be highly scalable, offer real-time situational awareness, and provide intelligent routing across standard operations as well as under worst case scenarios.	Speaker: Stefan J. Galler , Director Air Traffic Management Networks, Frequentis
11:15 – 12:15	Panel 2 <i>Identity and Information Assurance</i> Attribution and identity are important factors in cyber mission assurance. This panel focuses on the sharing of experiences, insights and ideas born in the digital tech sector of industry that are relevant to C4ISR in the CAF and DND.	Moderator: Patrick Searle , Director of Cyber Initiatives, Council of Canadian Innovators Panelists: David Bissessar , Chief Scientist, Identos Mike Boyle , CISO, 2Keys Rene McIver , Chief Security Officer, SecureKey Technologies Inc. Paul Vallee , CEO, Pythian
12:15 – 13:00	Lunch	
13:00 – 13:30	Luncheon Keynote <i>C4ISR Evolution</i>	RAdm Jeffery .B. Zwick , Chief of Force Development, DND



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13:30 – 14:30	Panel 3 <i>Embracing the Future: Integrating AI in Defence and Security</i> How will AI change how we conceive achieving an operational impact and what do we need to do to define those opportunities, acquire the capabilities and subsequently adjust our operational models to ensure we remain on the cutting edge of defence and security operations.	Moderator: LGen Michael Day, (Ret'd) Panelists: Maj James Lindsay , IT Security Risk Assessment Architecture and Engineering Team Leader, DND Marta Mulkins , Director General, Analytics Support Centre, Data Innovation & Analytics Branch, DND Christopher Porter , Chief Intelligence Strategist, FireEye Siegfried Usal , Managing Director, cortAlx, Thales Canada Guy Vezina , Director General S&T Army, Canadian Army
14:30 – 15:00	Networking Break	
15:00 – 16:00	Panel 4 <i>Cyber Mission Assurance</i> The exploitation of technologies within the cyber domain acts as a force multiplier when prosecuting intelligence-fed, JIMP-collaborated, command-driven, and network-enabled military activities. Yet the reliance on these technologies exposes military force elements and supporting systems to increasingly insidious cyber threats. Owing to the complexity, obscurity, and pervasiveness of these threats, the DND and CAF require a comprehensive approach for managing the risks of cyber threats and executing response activities holistically across all relevant functional areas in order to assure success in all eight core missions for the CAF. Thus, DND is establishing a coherent and enduring functional program that will identify, assess, and mitigate cyber-associated threats through a comprehensive risk management framework with a view to enabling the CAF to successfully accomplish its assigned missions despite operating in cyber-contested environments.	Moderator: Nicholas Scheurkogel , Director, Cyber Intelligence, Cytelligence Panelists: Cmdre Christopher Earl , Director General Maritime Equipment Program Management, RCN BGen Andrew R. Jayne , Director General Cyberspace, DND Col Don Potoczny , Deputy Chief of Staff for Joint Operational Effects, CAF Col Nick P. Torrington-Smith , Director Air Domain Development, RCAF
16:00 – 16:05	Closing Remarks	
16:05 – 17:00	Reception	

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