



# C4ISR and Beyond

## January 30, 2018

Chateau Laurier, Ottawa

| TIME          | TOPIC  | SPEAKERS  |
|---------------|--|---|
| 7:00 – 8:15   | <b>Registration, Breakfast &amp; Networking</b>  |   |
| 8:15 – 8:20   | <b>Welcome Speaker</b>   | <b>Terri Pavelic</b> , Editor-in-Chief, <i>Vanguard</i>   |
| 8:20 – 8:55   | <b>Opening Keynote</b><br>The Future Information Environment: Implications for Intelligence  | <b>Rear-Admiral S.E.G. Bishop</b> , CMM, CD<br>Commander Canadian Forces Intelligence<br>Command and Chief of Defence Intelligence  |
| 8:55 – 10:15  | <b>Panel 1</b><br><b><i>Weaponizing Data</i></b><br>Data is an enabler in the C4ISR system in the digital age. This panel focuses on the sharing of experiences, insights, and ideas born in the digital and technology sectors of industry that are living and leading in data and digital – in ways that are not only relevant to C4ISR in the CAF and DND – but critical to realizing the very best possible outcomes digital and technology can bring in this and the age to come.   | Moderator:<br><b>LGen (Retd) Stuart Beare</b> , Strategic Advisor for Defence and Public Safety, Accenture<br><br>Panelists:<br><b>Richard L Williams</b> , Director Quality Assurance, L3 Technologies<br><b>J. Sotropa, Chief Engineer</b> , General Dynamics Mission Systems<br><b>LGen (Retd) D. Michael Day, CMM, MSC, CD, MA</b> , Strategic Adviser, MAG Aerospace<br><b>Carl Sharpe</b> , Senior Principal-Artificial Intelligence, Accenture |
| 10:15 – 10:45 | <b>Networking Break</b>  |   |
| 10:45 – 11:15 | <b><i>Next Generation C3 Centre Design</i></b><br>The proliferation of intelligence, surveillance and reconnaissance (ISR) information is radically changing the landscape of the military and intelligence community. Countries are now following a strategy of information superiority to defend against a broad range of threats. The processing and analysis of this information mostly happens in a secure command and control operations center. The current focus of these command centers is “Instant Situational Awareness;” that is, “how can I use the ISR information sources available to me to give me a full and instant picture of the situation?” | Speaker:<br><b>Charlie Jamieson</b> , Director Business Development- Canada, ThinkLogical   |
| 11:15 – 12:15 | <b>Panel 2</b><br><b><i>C4ISR – Military View – Environmental Domains</i></b><br>This panel presents and deliberates on the view of the mission of the CAF at large, and the evolving nature of land, maritime and air warfare – describing and implying the key role C4ISR plays – and the key capabilities soldiers, sailors, airmen and women – and their leaders at all levels require in order to succeed in operations.  | Moderator:<br><b>BGen (Retd) John Turnbull CD</b> , Associate, CFN Consultants<br><br>Panelists:<br><b>Col D. A. Russel, CD</b> , Director Canadian Army Land Warfare Centre<br><b>Capt(N) John Tremblay</b> , Director Naval Information Warfare<br><b>BGen M. Lalumiere, CD</b> Director-General, Air Force Development   |



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| 12:15 – 13:00 | <b>Lunch</b>   |  |
| 13:00 – 13:30 | <b>Luncheon Keynote</b><br><i>Anticipate, Adapt and Act: C4ISR Capability Development in the CAF</i>   | <b>Rear-Admiral D.C. Hawco, MSM, CD</b><br>Chief of Force Development  |
| 13:30 – 14:30 | <b>Panel 3</b><br><b><i>Delivering C4ISR through and for SSE</i></b><br>This panel speaks to key initiatives and new conditions that need to be established if the best of digital, technology, people and processes are to be brought to bear. It presents and deliberates on the measures being pursued, or that need to be pursued, if Defence and the Government of Canada are to achieve these ends – leveraging the unique and the best offerings of industry, innovation, technology and partnerships that bring these together. Delivering is a team effort. Who and how do we animate that in a modern, and speed of digital age?                   | Moderator:<br><b>MGen (Retd) Steve Noonan, CMM, MSC, CD</b> , Partner, CFN Consultants<br><br>Panelists:<br><b>Jerry McLean</b> , Vice President/Managing Director, Thales<br><b>Eric Fournier</b> , Director General S&T, Strategic Decision Support, IDEaS   |
| 14:30 – 15:00 | Networking Break   |  |
| 15:00 – 16:00 | <b>Panel 4</b><br><b><i>Targeting</i></b><br>Cyber, Space and intelligence operations persist at all levels – at the tactical, operational and strategic levels. At the same time, each has its own needs of and contributions to the larger C4ISR effort. This panel presents both the nature of cyber, space and intelligence needs and operations – in managing/exploiting/exploiting their own domains - and the nature of their work to enable operations in the other more familiar domains of air/land/maritime warfare. C4ISR is executed within these areas, what are the key challenges being confronted and areas for new capability development? | Moderator:<br><b>MGen (Ret'd) Denis Thompson, CMM, MSC, CD</b><br><br>Panelists:<br><b>LCol Alain Chabot</b> , CFINTCOM<br><b>LCol (Retired) Greg Jensen</b> , J2 Capability Integration, Canadian Joint Operations Command Headquarters<br><b>Andre Dupius</b> , President, Space Strategies Consulting Ltd |
| 16:00 – 16:10 | <b>Closing Remarks</b>   |  |
| 16:10 – 17:00 | <b>Reception</b>   |  |

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