

CTC/UNB Gregg Centre Conference, 31 Jan – 1 Feb 2018

From Radio to Smartphone: Warfare in the Information Age

Day 1

Introductory Remarks, Words of Welcome

- Dr. Marc Milner, Gregg Centre Director
- Col Errington, Commander Combat Training Centre
- LCol Dove, Commandant Tactics School
- Dr Lee Windsor, Gregg Centre Deputy Director

Opening Session: The Canadian Strategic View

- Mr. William Matthews, Senior Associate Deputy Minister, DND
- Rear Admiral Darren Hawco, Chief, Force Development
- Brigadier-General Theriault, Director General, Public Affairs Branch,

Break

Panel – Military Communication Value and Vulnerability in History

- Dr. Lee Windsor, The Gregg Centre, UNB “Calling for Fire: The Dawn of Canadian Army Electronic Communications Capability and Vulnerability, 1914 – 1945”
- Capt/Dr. John N. Rickard, Canadian Army Command and Staff College, “2nd Canadian Corps’ Communications Challenge in Normandy, 1944”
- Dr. John Ferris, Department of History, University of Calgary “Signals Intelligence and Warfare on Land, 1914-2019.”

Lunch – Title? Presentation by the Honorable Christian Paradis, Senior Vice President, Strategic Development, GardaWorld and former federal minister from 2008 to 2015.

Panel – Canadian and US Approaches to the Digital Battlefield

- Col Yarker, Directorate of Cyber Force Development,
- Maj Higgins, Canadian Space Operations,
- Andrew Scheidl, MSM, MEng, National Research Council, “The Intelligence Problem in the Age of Hybrid Warfare and Artificial Intelligence”

Panel - Employing Information Technology to What End?

- Dr. David Charters, The Gregg Centre, UNB, “Jihadist Information Operations”
- Nicolai Pogadl, Concordia University, “Mapping Artificial Intelligence, Networked Hate, and the Human Rights Landscape”
- LCol Matthew Yandura, Chief, Concepts, Requirements, Integration Force Modernization Proponent, US Army, “The Power of Love and Respect & The Promise of Persuasive Computing”

Day 2

0830 Start

Panel – Canadian and Allied Communications in Practice

- LCol Charles Kerber, CAF EW Centre, “New Canadian Army Technologies in Practice: A Joint Force Perspective”
- LCol Francois Robichaud, Commandant CFSCE, “New Canadian Army Technologies in Practice: Realities and Challenges”
- BGen Saleem Ahmad Khan, Bangladesh Army, “Denting Through the Ionosphere: The Clash of Old and New Technology in the Bangladesh Army Corps of Signals”

Break

Panel – New Technologies in Today’s Operations

- Major Troy Liefso, “Challenges Presented by New Technologies on Op REASSURANCE Roto 8 – Latvia”
- LCol Andrew Vivian, The View from Northern Iraq
- Sgt. Mark Publicover, CAF Influence Activities Task Force, “Russian Information Operations: Close fight, Deep Battle, and Expeditionary Operations”

Lunch

Panel – The Cyber Attack Threat and Cybersecurity Countermeasures

- Dr. Ali Ghorbani, UNB CIC, “Introduction to UNB Canadian Institute for Cybersecurity”
- Dr. Dima Alhadidi, UNB CIC, “The Shadow Broker Attack and Response at the US National Security Agency”
- Mr. Bernard Assaf, UNB CIC Systems Architect, “Eternal Blue Cyber-Attack Demonstration”

Roundtable Closing Discussion and Remarks – Col Errington