2018 CONFERENCE

Readiness and Resilience in the Age of Disruption

Security and Policy Institute of Professional Development

FEBRUARY 27–28, 2018
Ottawa Conference and Event Centre
200 Coventry Road, Ottawa

www.continue.uOttawa.ca/RR
613-562-5802
ABOUT THE CONFERENCE

We are witnessing an unprecedented increase in the number and significance of disruptive events. These events comprised of, but are not limited to, natural disasters, cyber disruptions, migration crises, terrorism, random acts of violence, and the impact of emerging technologies, including artificial intelligence. Globally, all levels of government, the private sector, and communities at large are seeking solutions to this rapidly evolving threat environment. The expanding threat envelope will require corporate and public sector leaders to integrate their enterprise risk management policies and practices.

The conference is intended to provide a high-level forum for corporate executives to engage with security intelligence, law enforcement, academia, public and private security and risk management practitioners. Accordingly, we have brought together renowned subject matter experts from Canada and the international community. Together we will examine emerging and exigent threats, and consider new strategies to address safety and security challenges of the 21st century.

Your organisation has a responsibility to assure its stakeholders that it is prepared to meet and mitigate these emerging threats. It is important that your organization is represented at this Conference to ensure its concerns inform the discussions.

SPI is pleased to welcome the participation of keynote speakers including:

- Senior government and corporate officials from Canada, US and allied countries
- Subject matter experts from the academic and business communities
- Please note that several other high-caliber speakers have expressed their interest in participating. Their names will be posted as they are confirmed.

The conference will also feature a Technology Expo that will showcase new technologies and services in support of readiness and resilience.
REGISTRATION

The Security and Policy Institute of Professional Development (SPI) at the University of Ottawa will be hosting the 2018 conference Readiness and Resilience in the Age of Disruption to provide a high-level forum for business leaders, law enforcement, public and private security practitioners.

INCLUDED WITH YOUR REGISTRATION

One-day only $450
Access to your choice of plenary sessions and panel discussions on the day of your registration, access to the Technology Exhibition, breakfast and lunch served in the Exhibit area and the Day 1 cocktail reception. You will also receive the show guide and gift bag.

One-day only with special keynote presentation $625
Access to your choice of plenary sessions and panel discussions on the day of your visit, access to the Technology Exhibition, breakfast in the Exhibit area and the Day 1 cocktail reception. Access to the special keynote presentation with seated lunch. You will also receive the show guide and gift bag.

Two-day Conference $850
Access to your choice of plenary sessions and panel discussions on both days of the conference, access to the Technology Exhibition, breakfast and lunch served in the Exhibit area on both days, and the Day 1 cocktail reception. You will also receive the show guide and gift bag.

Two-day Conference with special keynote presentations $1,025
Access to your choice of plenary sessions and panel discussions on both days of the conference, access to the Technology Exhibition, breakfast served in the Exhibit area and the Day 1 cocktail reception. Access to both special keynote presentations with a seated lunch. Access to the VIP Lounge for business meetings. You will also receive the show guide and gift bag.

Special keynote presentations (Feb. 27 and Feb. 28) $250
Access to both keynote speaker presentations and lunch. Access to the Technology Exhibition and the Day 1 cocktail reception.

Student – Lunch with One Panel Discussion $50
Access to lunch and to one panel discussion. A validated student number is required upon registration.

Networking Dinner with the Conference Speakers and Sponsors $125 per person $1,000 per table of 10
February 27 at 7 p.m., Main Ballroom, Ottawa Conference and Event Centre. When you register let us know if would like to host a particular speaker at your table.

WHO SHOULD ATTEND?
Persons or organisations with responsibility for the protection of people, property, supplies and services such as:
government officials,
academia,
community and corporate leaders,
non-governmental organizations
IT security professionals
CEOs, COOs, CIOs and CSOs
Enhance your profile by taking one or more of these marketing options:

**EXHIBITOR OPPORTUNITIES**

Taking an exhibitor option at the 2018 Public Safety and Global Security Conference gives you a portfolio of opportunities to reinforce the strength of your brand while enhancing awareness about your company and products in front of a precisely targeted audience of decision-makers.

In addition to high profile exposure, Exhibitors receive exclusive benefits including acknowledgement in the conference brochure and Website, and much more!

**When you exhibit at the conference, you get:**

- Direct access to a quality gathering of industry and government agency security buyers.
- Maximum exposure to the attendees.
- One-on-one time with qualified decision-makers and influencers.
- Listing in Conference promotional literature and its Website.
- A contact list of all conference attendees.
- All access pass to the panel presentations and plenary sessions for two persons

**SPONSORSHIP OPPORTUNITIES**

Taking a sponsorship option at the 2018 Public Safety and Global Security Conference gives you a portfolio of opportunities to reinforce the strength of your brand while enhancing awareness about your company and products in front of a precisely targeted audience of decision-makers.

In addition to high profile exposure, sponsors receive exclusive benefits including acknowledgement in the conference brochure and Website, complimentary registrations, and much more!

Sponsorships are limited and will be sold on a first-come, first-served basis.

To know more about the exhibitor and sponsorship opportunities, please visit [www.continue.uOttawa.ca/RR](http://www.continue.uOttawa.ca/RR)
CYBER ATTACKS BY CRIMINALS, CORPORATE AND STATE ADVERSARIES, AND TERRORISTS

Cyber intrusions are becoming more commonplace, more dangerous, and more sophisticated. Our nation's critical infrastructure, including both private and public-sector networks, are targeted by adversaries. Companies are targeted for trade secrets and other sensitive corporate data, and universities for their cutting-edge research and development. Citizens and corporations are targeted by fraudsters and identity thieves, and children are targeted by online predators.

Terrorist websites provide inspirational/radicalisation rhetoric and videos that encourage ideologically motivated followers and aspiring terrorists to carry out attacks locally.

Because of the global reach of cybercrime, no single organisation, agency, or country can defend against it. This panel will explore the emerging cyber threats and possible countermeasures.
TERRORISM AND COUNTER-TERRORISM

On 9/11, Al Qaeda combined strategic vision and tactical innovation to catastrophic effect. Military operations have degraded multiple Islamist terrorist networks, and most recently dismantled the caliphate, while the allied whole of government responses have disrupted numerous cells and planned attacks.

Islamist terrorism is overwhelmingly concentrated in Muslim-majority societies. Despite their attrition by the military and counter-terrorism operations, terrorist networks dedicated to attacking the West have not only survived but demonstrated a repeated capacity to inflict mass casualties now by the simplest of means: inspiring local cells and lone actors to mow down pedestrians with vehicles, use small arms, or place explosive devices at mass gatherings. Allied services also report unprecedented threat levels and pace of operations.

This panel will bring together Canadian law enforcement, scholars tracking patterns of terrorism, and other international experts to apply operational expertise, data analysis and the strategic assessment on terrorism. The panel will address the current state of knowledge on Islamist terrorist networks, and what remains of their capacity to combine strategic vision and tactical innovation after the caliphate.
THE NEW SOFT TARGETS—KEEPING THE THREAT IN PERSPECTIVE

Terrorist tactics have evolved over the past 40 years.

Preferred targets were aircraft and government buildings, including embassies. As authorities hardened these assets, terrorists sought out new soft targets. Terrorists are aware of the security procedures at hardened targets, and have demonstrated their ability to bypass hardened targets and apply low tech solutions to defenceless targets: including pedestrians, schools, theatres, hotels, restaurants, religious venues, stadiums, and other public places.

As noted by US Senator Susan M. Collins: “We must persistently ask: Where are the future threats? What technology could be used? Do we have the intelligence that we need? Are we prepared to thwart novel plans of attack? What will our enemy look like in two, five, or even ten years?”

This panel will respond to these questions and will discuss why security plans should assume terrorists are seeking out the new soft targets.
RADICALIZATION AND THE FOREIGN FIGHTER PHENOMENON

While scientific research increases our understanding of the risk factors for those who become so radicalised they are willing to use violence against their fellow citizens, the phenomenon itself has increased exponentially, especially in Europe. Underlying causes of the recent surge include a large pool of alienated Muslim youth; wars in the Middle East that fuel grievances and facilitate the rise of jihadi organizations hosting foreign fighters; and the emergence of social media enabling the most capable terrorist networks to wage information warfare against, and facilitate their own operations in Western countries.

The RCMP observes that the foreign fighter phenomenon has provided law enforcement with unprecedented challenges. Between 27,000 and 31,000 people from at least 86 countries joined the Islamic State and other belligerent groups. More than 5,000 originated in Western Europe and North America. Those who return include some with leadership and operational expertise.

Islamic State and other terrorist networks, such as Al Qaeda in the Arabian Peninsula, are known for publishing inspirational messages, in the former case, including a calculus of strategic gain in the glorification of barbarism. Research on IS’ response to its defeat has uncovered themes of Muslim victimization, successes in asymmetric warfare, and the long-term struggle.

Jihadi messaging has facilitated so many attacks and disrupted attacks in Europe that one scholar has described the past five years as Europe’s ‘jihadi crisis’. Threat levels in North America are not as severe, but challenging enough for counter-terrorism agencies. This panel will examine what we know about the interconnected phenomena of radicalisation, social media and returning foreign fighters, and what we should expect in the post-caliphate phase now upon us.
EXECUTIVE SECURITY IN THE AGE OF DISRUPTION

How prepared are senior executives, for their travel to high threat regions?

Protecting executives today is much more than close personal protection. Domestic and international travel presents certain risks for anyone, especially in areas of the world where the government has limited control over its citizenry and where law and order are not as formally established as they are in the developed world. Threats include crime, terrorism, corporate espionage, cyber, health, climatic and geological events. From abductions to targeted assassinations, travellers in general and high-profile executives in particular, are being targeted for political purposes or monetary gain.

CSOs and CISOs need to make executive protection a high priority for their organisation.

This panel will discuss the paradigm shift in security measures required to protect executives.

DAY2
MODERATOR  Tim O’Neil
Director, Oldcastle Security Consulting

PANEL
CRAIG D’SOUZA
Head of Global Investigations & Protective Intelligence – Facebook

BENOIT PARENT
Vice President, Cummins Inc.

LIEUTENANT-GENERAL S.A. BEARE, (RETD)

ALAN BELL
President, Globe Risk International Inc.

Additional Noteworthy Panellists to be added as confirmed.
EMERGENCY MANAGEMENT—PLANNING FOR THE NEXT DISASTER

The objective of emergency management is to develop plans to prevent, prepare, respond to and recover from all foreseeable threats including those associated with natural, human-induced and technological. If possible, emergency planning should aim to prevent emergencies from occurring, and failing that, should develop a good action plan to mitigate the results and effects of any emergencies.

This panel will discuss the four stages of emergency management including:

• Prevention and Mitigation
• Preparedness
• Responding
• Recovery
In a democratic and free society, group expression and demonstration are rights that should not raise disquiet among either the crowd participant or those tasked with crowd management. However, the gathering of many people whose behaviour may vary from jovial to boisterous to belligerent, is often a concern for the police, private security, and the public.

There are numerous types of crowds; their behaviour will vary from passive to aggressive, and that behaviour is primarily dependent upon their group objective.

Crowd management is a public security practice where large crowds are managed to prevent the outbreak of crowd crushes escalating to unlawful civil disobedience.

Crowd Management has grown beyond the traditional role of public order units and now must define the roles and responsibilities of the parties involved to ensure public safety and security. Private security personnel are among those tasked with managing the crowd, which may be either protesting or celebrating. Those managing the crowd must be aware of the diversity and complexity of the individuals within that crowd.

This panel will discuss the change in the threat landscape affecting public safety.
DRONES, THE NEW THREAT PLATFORM

This panel will discuss how Unmanned aerial vehicles (UAV) have many beneficial applications, yet they can also pose a significant threat. Panellists will discuss these potential threats, and will provide an update on the regulatory information as well as the vendors discussing their UAV countermeasure systems.
Day 1  February 27

06:30–08:00  Breakfast & Registration

08:00–08:30  President’s Welcome,
Opening Comments and Conference Overview
Mr. Jacques Frémont LLB, LLM
President and Vice-Chancellor, University of Ottawa
Mr. Ray Boisvert
Provincial Security Advisor, Government of Ontario

08:30–09:15  Safety and Security Challenges in the 21st Century
Honourable Ralph Goodale
Minister of Public Safety and Emergency Preparedness

09:15–10:15  Trans-national Security Challenges in the 21st Century
Paul Goldenberg
CEO at Cardinal Point Strategies and Member of the United States Department of Homeland Security Advisory Council and Professor John Farmer
Special Counsel to the President, Rutgers University, and Senior Counsel for the 9/11 Commission

10:15–10:45  Break

10:45–11:15  Security Challenges for the 21st Century
Canadian Security Intelligence Service

11:30–12:30  Keynote Speaker
Mr. John Brennan
Former Director Central Intelligence Agency

12:30–13:15  Lunch Speaker
Lunch Sponsor
Corporate Sponsor

11:30–13:15  Lunch
Delegating / Vendor Lunch
Hall D
Closed Sessions

13:15–16:30  Cyber Crime
Moderator Justin Fogarty
Cyber Threat Assessment – Symantec
David P. Dixon
Global Leader, IBM Counter Fraud Management
Ken Taylor
President, International Cyber Security Protection Alliance for The Americas
Chuck Brooks
Vice President, Government Affairs & Marketing for Sutherland Global Services
Supt. Mark Flynn
Director of Cybercrime, Royal Canadian Mounted Police
Don Randall
Tempplar Executives, former CISO, Bank of England
Allen Dillon
Managing Director, Cybersecurity & President, Patriot Consulting
Brigadier-General
Robert Mazzolin
Vice Director JS, US Cyber Command

Terrorism and Counter-terrorism
Moderator RCM C/Com. James Malizia
Brigadier General (Res.) Assaf Orion
Senior Research Fellow at the Institute for National Security Studies (Israel – INSS)
Saad Amrani
Chief Commissioner at the Brussels Police Department and Strategic Advisor to the Commissioner General of the Federal Police
Commander Mak Chisty (Retd)
London Police, UK
Dr. Erin Miller
Global Terrorism Database Program Manager, University of Maryland – START
David McGuinness, MP
Chair of the National Security and Intelligence Committee of Parliamentarians

Emergency Management Planning for the Next Disaster
Flooding, Forest Fires, Earthquakes, Pandemics
Moderator Jim Montgomery
Dr. Dr. Keith Still
Professor of Crowd Science at Manchester Metropolitan University
Major General David Fraser, (Retd)
Director Emergency Management, Office of the Fire Marshal and Emergency Management
Jason Shaw
Manager Emergency Management, City of Winnipeg
Marion Boon RN, OHCN
Executive Director, Canadian Risk and Hazard Network
Dr. Kate Ploeg
Research Coordinator, Public Safety Canada
Greg Solecki
President, International Association of Emergency Managers

The New Soft Targets—Keeping the Threat in Perspective
Moderator Paul Goldenberg
Ms. Cathy Lanier
Senior Vice-President, National Football League
Brian Harrell
Vice President of Security, AlertEnterprise
William F. Flynn
Deputy Director of the Institute for Quantum Computing, University of Waterloo
Dr. Jose Fernandez
Senior V.P. and Chief Cybersecurity Strategist of Stemcor
Dr. Peter Lambrinakos
Chief Constable, VIA Rail Canada
Jim Bade
Chief Special Constable, OC Transpo

Electromagnetic Spectrum Security Framework / Defence
Artificial Intelligence
Moderator — AOC Dr. Peter Mason
Former Director Central Intelligence Agency
Dr. Steve Ehisenhawer
Seattle Police Countermeasures
Dr. Jose Fernandez
Senior V.P. and Chief Cybersecurity Strategist of Stemcor
Dr. Peter Lambrinakos
Chief Constable, VIA Rail Canada
Jim Bade
Chief Special Constable, OC Transpo

Drones, The New Threat Platform
By Invitation Only
Moderator David Domoney
President and CEO, Blueforce
Keynote Major General James Posse
USAF – Drones and Cyber Security
Luke Fox
Whitefox Industries
California Counter Drones: What is the solution?
Brian Fentiman
RCMP C/Com. (Retd)
Countermeasures Legal Authority
Dr. Steve Ehisenhawer
Seattle Police Countermeasures
Determining Risk for Critical Infrastructures
Garret Warren
Version 3 Ottawa
Drone incursions at airports
Craig Marcinkowski
Gryphon Radar
Ground Based Radar and Drones
Robert Aube
Quintiq Drone Countermeasures and Obstidian

Additional Noteworthy Panellists
To be added as confirmed.
DAY 2  FEBRUARY 28

07:00–08:00  BREAKFAST

08:00–08:05  Chairman’s Welcome  Mr. Ray Boisvert

08:05–08:20  Global Security  Honourable Andrew Leslie
Parliamentary Secretary to the Minister of Foreign Affairs (Canada / US Relations)

08:20–09:00  Paul Goldenberg
CEO at Cardinal Point Strategies and Member of the United States Department of Homeland
Security Advisory Council

09:00–09:40  Ray Boisvert
 Provincial Security Advisor
 Government of Ontario

09:40–10:15  Senior French Diplomat

10:15–10:30  NETWORKING OPPORTUNITY

10:30–10:50  Angela Mondou
President, Canada Company & Honorary Colonel, Canadian Forces School of Aerospace,
Technology and Engineering

10:50–11:30  Senior US Diplomat

11:30–12:45  LUNCH  Lunch Speaker
Brigadier General (Res.) Assaf Orion, INSS

12:45–15:30  Executive Security
in the Age of Disruption
Pre-emptive planning and post event management.  MODERATOR Tim O’Neil
Craig D’Souza
Head of Global Investigations & Protective Intelligence – Facebook
Benoit Parent
Vice President, Cummins Inc.
Alan Bell
President, Globe Risk International Inc.
Lieutenant-General S.A. Beare, (Retd)

State Cyber Ops and Cyber Security
MODERATOR Mark Weatherford
Tim Roxey
Vice President, NERC, Case Study: December 2015 Ukraine Power Grid Cyberattack
Brigadier-General Steve Moritsuugu
Director General Military Signals Intelligence
Colonel Amos Nachmani
Israel Defence Attaché to Canada
Scott Millar
Director General, Strategic Policy and Planning Communication Security Establishment

Radicalization and the Foreign Fighter Phenomenon
MODERATOR Dr. Paul Taillon
Paul Goldenberg
CEO, Co-chair of the National DHS Foreign Fighter Task Force
Saad Amrani
Chief Commissioner of the Brussels Police Department
Dr. Erin Miller
Global Terrorism Database Program Manager, University of Maryland – START
Dr. Aurélie Campana
Laval, Canada Research Chair on Conflicts and Terrorism

Crowd Management Public Safety and Security
MODERATOR Supt. Bill Needles
Dr. G. Keith Still
Professor of Crowd Science at Manchester Metropolitan University
Mario Coutinho
Vice President Toronto Blue Jays Stadium Operations and Security
Rod Buckingham
Senior Security Consultant for the Canadian Football League, and Director of Security for the Saskatchewan Roughriders Football Club

Ontario Public Order Association (OPOA)

Electromagnetic Spectrum Security Framework / Defence
By Invitation Only
Brigadier-General Steve Moritsuugu
Director General Military Signals Intelligence
Mark Weatherford
Senior Vice President and Chief Cybersecurity Strategist of vArmour
Dr. Peter Mason
Chief Scientist – Electromagnetic Sciences, DRDC
Michele Mosca
Deputy Director of the Institute for Quantum Computing, University of Waterloo

Drones, The New Threat Platform
By Invitation Only
MODERATOR David Domoney
President and CEO, Blueforce
KEYNOTE Brian Harrell
Vice President of Security, AlertEnterprise
Sgt Keith Derksen
RCMP
Overview of RCMP Drone Program
Mark Espenant
Defence Research and Development Canada (DRDC)
Counter UAV Testing
Ryan Coates
Transport Canada
UAV Challenges and update on Regulations
Philip Reece
Indro Robotics
Drones/Drone Challenges/Solutions for Critical Infrastructure
Josh Ogden
AVSS
Drone Parachute Recovery Systems—Addressing the Drone Risk
James Cross
Open Works
Threats/Solutions Drones pose to Critical Infrastructures

15:30–16:00  Conference Summary  Ray Boisvert and Al Jones