



The Ontario Association of Emergency Managers Proudly Presents:

A Focus on Cyber Security: What Industry Leading Emergency Managers Need to Know

When it comes to Public Safety in Ontario, the Emergency Management community strives to maintain high levels of Professional Development as new trends, risks, and threats emerge and develop. One of these new trending risks is Cyber Security.

The Emergency Management Community is comprised of Municipal, Provincial, and Federal Emergency Managers, First Responders including Police, Fire, and Paramedics, and a growing number of Private Sectors and Non Governmental Organizations. It is this community that prepares for, responds to, and recovers from emergencies within their communities.

The Ontario Association of Emergency Managers, in partnership with Resilient Communities Ontario, and IFE Canada, will be holding an unprecedented event that focuses on Cyber Security in Emergency Management.

Cyber Security: Emergency Management Professional Development

Key Learning:

1. What is the current threat level of Cyber Security risk in Canada?
2. What current Cyber Security threat in Ontario has the potential for the most impact, and what emerging threats we should be prepared for?
3. What is the current and future priorities, and initiatives at a municipal, Provincial and Federal Level in Canada.
4. What industries are the most vulnerable at this present time?
5. What is the frequency of Cyber Security incidents?
6. What supports are available for mitigating against Cyber Security threats?
7. What are the financial, reputation, and legal impacts of a Cyber Security incident?

Members: \$75

Non OAEM Members: \$125

*Member rate applies to OAEM, RCO, IFE Canada

*Includes a Chef prepared lunch

Thursday, March 1, 2018

8:30am - 5:00pm

Lester B. Pearson Memorial Theatre

150 Central Park Dr., Brampton, Ontario

Industry Event Sponsor



TO REGISTER VISIT: <https://oaem.ca/>

A Focus on Cyber Security: **What Industry Leading Emergency Managers Need to Know**

Presentation Overviews

Cloud Computing and the Fourth Industrial Revolution: Redefining Infrastructure

Jean Cheng

Director Cloud Computing – Microsoft Canada

We are living in the midst of a fourth industrial revolution. Cloud Computing is the backbone and primary enabler of this digital transformation that is impacting all aspects of society at a break-neck pace. As this new world model takes hold, data is becoming the new currency, and infrastructure that was once tangible and physical, is becoming increasingly software-defined. These developments coupled with a rapidly evolving cyber threat landscape, information warfare and new forms of mischief, represent significant challenges for emergency managers.

Cyber Risks and Threats Impacting Critical Infrastructure in Canada

Caroline Leprince

Senior Policy Analyst Cyber Situational Awareness and Liaison Team, Canadian Cyber Incident Response Centre (CCIRC), Public Safety Canada

This presentation will provide an overview of the Canadian Cyber Incident Response Centre's (CCIRC) role to assist critical infrastructure organizations across Canada. CCIRC will then give a highlight of emerging cyber-related trends affecting Canadian critical infrastructure and describe how these incidents can have adverse effects on public safety. CCIRC will conclude by sharing lessons it has learned from coordinating the response to these cyber incidents with a view towards enhancing our collective cyber resiliency.

Cyber Crimes and the Current Laws in Canada and Abroad

Inessa Pesenko

Acting Cyber Outreach Manager of the new OPP Cybercrime Investigations Team (CIT)

This unique session will provide an overview of the newly formed OPP Cybercrime Investigations Team (C.I.T.), and provide attendees with an understanding of the current state of laws relating to cyber crimes in Canada and Abroad. A close up look into current challenges in reporting, investigations, and technologies, highlight the ongoing need for collaboration between Academia, Law Enforcement, and Private Industry to target harden Ontario against Cyber Threats.

Effectively Preparing for and Responding to Cybersecurity Incident

Imran Ahmad

National Leader Cybersecurity Law Practice, Miller Thomson LLP

This session will take a look at the Canadian landscape when it comes to cyber threats and identify emerging issues from a legal, operational and national security standpoint. The session will also provide recommendations on best practices that organizations should be implementing and take a look at what other jurisdictions are doing to counter this threat.

What's the plan? Cyber risk for emergency managers

Sarah Thompson

Board of Directors (Projects Chair), Ontario Association of Emergency Managers

This presentation will provide context for emergency managers seeking to build critical understanding of cyber threat into existing programs. This includes tips for Hazard Identification and Risk Assessment and continuity planning, considering technology each as a tool, a target, and a vector for attack. We will build understanding of how to address cyber threat in HIRA and highlight strategies to improve resilience of critical operations in response to cyber threat.

A Focus on Cyber Security: **What Industry Leading Emergency Managers Need to Know**

About the Speakers



Jean Cheng

Director Cloud Computing – Microsoft Canada

Jean leads Microsoft's National Cloud program, working with public sector and regulated industry customers across Canada. He works with key Microsoft customers, partners and engineering teams helps to shape Microsoft's in-country cloud service offerings. Prior to his current role at Microsoft, Jean was the Chief Technology Officer for HRSDC and Service Canada, the government departments responsible for Canada's social policy agenda and delivery of citizen services. His background includes consulting, systems integration and the deployment of emerging technologies.



Caroline Leprince

Senior Policy Analyst Cyber Situational Awareness and Liaison Team, Canadian Cyber Incident Response Centre (CCIRC), Public Safety Canada

Caroline Leprince is a senior policy analyst at CCIRC at Public Safety Canada. Caroline has gained significant experience over the years in providing strategic advice and analysis in the areas of national security, defence and public safety. She previously worked with Defence Research and Development Canada and also served as a member of the Canadian Armed Forces' Reserve, during which time she deployed in Kandahar, Afghanistan.



Inessa Pesenko

Acting Cyber Outreach Manager of the new OPP Cybercrime Investigations Team (CIT)

Inessa is a Computer and Network Systems Security graduate. She joined the OPP in 2014 as E-Crime - Imager. In 2015, she became a Computer Forensic Analyst, and then Lead of TechOps in 2016. Inessa joined the Cyber Investigation Team as a Cyber Threat Specialist in November 2017. She holds numerous industry standard computer forensic and information technology certifications.



Imran Ahmad

National Leader Cybersecurity Law Practice, Miller Thomson LLP

Imran Ahmad is a partner in the Toronto office of Miller Thomson and leads the firm's national cybersecurity, technology and privacy law practice. As part of his cybersecurity, privacy and data breach practice, Imran works closely with clients to develop and implement practical and informed strategies related to cyber threats and data breaches. He focuses on legal risk assessments, compliance, due diligence and risk allocation advice, security and data breach incident preparedness and response. He also provides representation in the event of an investigation, an enforcement action, or a litigation.

Imran is the author of Canada's first legal incident preparation and response handbook titled A Handbook to Cyber Law in Canada which was published in the summer of 2017 by LexisNexis Canada.



Sarah Thompson

Board of Directors (Projects Chair), Ontario Association of Emergency Managers

Sarah is an Emergency Management professional based in Toronto, ON. She specializes in Risk management methodology and program development, and is currently a Risk Management Specialist for the Ontario Office of the Fire marshal and Emergency Management. Her recent work has included projects from Damage Assessment and Emergency Social Services to Business Continuity for government clients, in addition to Emergency program review on behalf of Simon Fraser University as part of a National Energy Board Review.

Thursday, March 1, 2018

TO REGISTER VISIT: <https://oaem.ca/>