

## The Smart Cybersecurity Network

Presents the **Fall 2018 Workshop**

### The State of Canadian Cybersecurity

October 24 & 25, 2018 | Université du Québec en Outaouais | 283, boul. Alexandre-Taché | Gatineau

#### Workshop Overview (preliminary program)

Wednesday	Workshop Day 1
8:00 – 8:45	<b>Registration and continental breakfast (Grande salle)</b>
8:45 – 9:00	<b>Welcome</b> Benoît Dupont, Professor, Université de Montréal, SERENE-RISC Scientific Director Sonia Chiasson, Associate Professor, Carleton, SERENE-RISC Fall 2018 Workshop Co-Chair
	<b>Keynote</b>
9:00 – 10:15 1.25 hours	Senior representative, National Cyber Security Centre (NCSC) Scott Jones, Head, Canadian Centre for Cyber Security
10:15 – 10:45	<b>Networking break</b>
10:45 – 12:15 1.50 hours	<b>Session 1 – Canada’s National Cybersecurity Strategy</b> Colleen Merchant, Director General National Cyber Security, Public Safety Canada Jeff Adam, Acting Assistant Commissioner, RCMP Richard Fadden, Former National Security Advisor to the Prime Minister <b>Canada’s 21st Century National Security threats and their inter-relationship</b>
12:15 - 13:30	<b>Networking Lunch</b>
13:30 - 15:00 1.50 hour	<b>Session 2 – Election cybersecurity</b> Holly Ann Garnett, Assistant Professor, Royal Military College of Canada <b>Cybersecurity: An Electoral Cycle Approach</b> Michael Pal, Associate Professor, University of Ottawa <b>Election Cybersecurity and the Role of Political Parties</b> Elizabeth F. Judge, Professor, University of Ottawa <b>Voter Data and the Impact of Privacy Legislation Gaps on Cybersecurity of Elections</b>
15:00 - 15:30	<b>Networking break</b>
15:30 – 17:00 1.50 hours	<b>Session 3 – Offensive cybersecurity measures</b> Patrick Neal, PhD Candidate, Royal Roads University <b>Active Cyber Defence: Why We Should Hack back at the Cyberattackers</b> Pam Dheri, JD Candidate, University of Ottawa <b>Cybersecurity &amp; the Role of National Vulnerability Disclosure Policies</b> Joseph Szeman, Queen’s University <b>Offensive Cyber Operations: Implications of the addition of Offensive Cyber operations as a new CSE mandate</b>
17:00 – 19:00	<b>Networking Reception</b>

8:00 – 9:00

**Registration and continental breakfast**

9:00 – 10:30

1.50 hours

**Session 4 – Data flows, control and deception**

David Skillicorn, Professor, and Xiao Li, Queen's University

**Reversing the asymmetry in data exfiltration**

Abdel Stambouli, PhD Candidate, and Luigi Logrippo, Professor, Université du Québec en Outaouais

**Problems and methods for data flow control in the Internet of Things**

Laurent Desaulniers, Team Lead, GoSecure

**Stupid Tester Tricks!**

10:15 – 10:45

**Networking break**

10:45 – 12:00

1.25 hours

**Session 5 – The future of cybersecurity**

Mohammad Lari, Economist, and Mark Uhrbach, Chief Program Manager, Statistics Canada

**Results from the Canadian Survey of Cyber Security and Cybercrime**

Renaud Lévesque, Director General, Communications Security Establishment (CSE)

Cybersecurity Academic Engagement Lead, National Cyber Security Centre (NCSC)

**Working with academia**

Representative from one of Canada's research funding agencies (TBC)

12:00 – 14:00

2 hours

**Networking Lunch**