The Smart Cybersecurity Network Presents
The Annual 2018 Workshop

The State of Canadian Cybersecurity

Wednesday, October 24th - Workshop Day 1	
8:00 – 8:45	**Registration and continental breakfast**
8:45 – 9:00	**Welcome** Benoît Dupont, Professor, Université de Montréal SERENE-RISC Scientific Director Sonia Chiasson, Associate Professor, Carleton University SERENE-RISC Deputy Scientific Director
9:00 – 10:15	**Keynote** Dr Ian Levy, Technical Director National Cyber Security (NCSC) Scott Jones, Head Canadian Centre for Cyber Security
10:15 – 10:45	**Networking break**
10:45 – 12:15	**Session 1 – Canada's National Cybersecurity Strategy** Colleen Merchant, Director General, National Cyber Security at Government of Canada Canada's Vision for Security and Prosperity in the Digital Age Jeff Adam, Acting Assistant Commissioner, RCMP **National Cybercrime Coordination Unit** Mohammad Lari, Economist, and Mark Uhrbach, Chief Program Manager, Statistics Canada Results from the Canadian Survey of Cyber Security and Cybercrime
12:15 – 13:30	**Networking Lunch** The students will present their posters in the « Grande Salle ».

13:30 – 15:00	**Session 2 – Election cybersecurity** Holly Ann Garnett, Assistant Professor, Royal Military College of Canada **Cybersecurity: An Electoral Cycle Approach** Michael Pal, Associate Professor, University of Ottawa **Election Cybersecurity and the Role of Political Parties** Elizabeth F. Judge, Professor, University of Ottawa **Voter Data and the Impact of Privacy Legislation Gaps on Cybersecurity of Elections**
15:00 – 15:30	**Networking break**
15:30 – 17:00	**Session 3 – Offensive cybersecurity measures** Patrick Neal, PhD Candidate, Royal Roads University **Active Cyber Defence: Why We Should Hack back at the Cyberattackers** Pam Dheri, JD Candidate, University of Ottawa **Cybersecurity & the Role of National Vulnerability Disclosure Policies** Joseph Szeman, Queen's University **Offensive Cyber Operations: Implications of the addition of Offensive Cyber operations as a new CSE mandate**
17:00 – 19:00	**Networking Reception** Director General, National Cyber Security at Government of Canada

Thursday, October 25th - Workshop Day 2

Time	
8:00 – 9:00	**Registration and continental breakfast**
9:00 – 10:30	**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 Pentester Tricks!**
10:30 – 10:45	**Networking break**
10:45 – 12:15	**Session 5 – The future of cybersecurity** Richard Fadden, Former National Security Advisor to the Prime Minister **Canada's 21st Century National Security threats and their inter-relationship** Catherine H., National Cyber Security Centre (NCSC) **Working with Academia to Secure our Digital Society:** **Building UK Capacity and Capability** Pamela Moss, Director, Research Partnership, Natural Sciences and Engineering Research Council of Canada (NSERC) **NSERC Funding of Research Partnerships in Cybersecurity** Renaud Lévesque, Director General, Communications Security Establishment (CSE) **Canadian Center for Cyber Security - Working with Academia**
12:15 – 13:00	**Networking Lunch**
13:00 – 13:30	Closing remarks for SERENE-RISC Workshop Welcome, IN-SEC-M, Forum on cybersecurity
13:30 – 13:45	**Networking session**
13:45 – 13:50	Presentation of WeAreCyber, a joint initiative of CSE and SERENE-RISC promoting women and diversity in the field of cybersecurity, presentation by Marie-Claude Allard (SERENE-RISC) and Véronique Menard (CSE)
13:50 – 14:45	Panel IN-SEC-M : Women in Cyber, animated by Sonya Shorey (Invest Ottawa)