



2024 KNOWLEDGE CAFÉ - WORKSHOP

**Thursday, November 21st, 2024, | Metcalfe Hotel, Edwards Room,
123 Metcalfe St. Ottawa, Ontario, Canada K1P 5L9**

***THEME: Technologies and Strategies: Innovative Paradigm
Applications for Security Practitioners and Resilience.***

OBJECTIVE

To provide a forum for security practitioners to discuss security and resilience issues, share information and lessons learned, as well as develop peer support and trusted networks.

WHO SHOULD ATTEND

IRRG's participants, alumni and government cyber security professionals, security managers and practitioners interested in continuously learning new skills and knowledge to address the ever-evolving all-hazard interdependent security vulnerabilities and threats.

NOTE: Three (3) Knowledge – Café Workshops Attendance = One (1) Essential Course Credit for CSARP / DSARP Certification.

ORGANIZERS:

Felix Kwamena, Ph.D.
Director and Adjunct Professor
Infrastructure Resilience Research Group
Office of the Dean
Faculty of Engineering and Design
Carleton University

Sharon Savioe
President, Savoie Security Associates

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PRELIMINARY PROGRAM

TIME	EVENT
	All sessions in the Edwards Room
08:00 – 08:30	Registration
08:30 – 08:40	Welcome Remarks Sharon Savioe and Dr. Felix Kwamena
08:40 – 09:10	Keynote Address Professor Rafik Goubran, Ph.D., P.Eng., FIEEE, FCAE Vice President (Research and International) Chancellor's Professor Carleton University
09:10 – 09:50	Keynote Speaker

Topic: Government of Canada Cybersecurity Strategy

Po Tea-Duncan, Chief Information Security Officer, Treasury Board Secretariat, Government of Canada.

09:50 – 10:05 Networking Break

10:05 – 12:00 *SESSION I: Artificial Intelligence, Machine Learning, and Computer Vision Application to Critical Infrastructure Security and Resilience – A Primer for Security Practitioners.*

Moderator: Dr. Felix Kwamena

Speaker: Professor James Green, Ph.D., P.Eng., SMIEEE Department of Systems & Computer Engineering, Carleton University, Ottawa, Canada,

12:00 – 13:00 Networking Lunch

13:00 – 14:30 *SESSION II: Chief Security Officers' Challenges in Addressing Sensitive Information and Intellectual Property Incidents and Lessons Learned.*

Moderator: Sharon Savoie

Panelists:

Topic: Challenges of Information Security Management Control Requirements and Lead Security Agencies' Approach.

Brad Lanthier, Chief Security Officer, Natural Resources Canada

CSO 2 TBC

Topic: Threats and Vulnerabilities to the Public Sector Attributes of Resilient Security Program / Safeguarding and Addressing Vulnerabilities.

CSO 3 TBC

Topic: The Challenges of Information Sharing Need to Know Vs. Need for Action.

14:30 – 15:30 *SESSION III: Round Table Discussions: Applying Concepts and Principles to Resolving Security Challenge(s).*

- Each table to identify 3 key cyber-physical issues
- Use knowledge and ideas gained from workshop to make recommendations to senior management.

15:30 – 16:15

SESSION IV: Rapporteur Presentations and Discussion

- Table Rapporteurs to present recommendations to full plenary.

16:15 – 16:30

Wrap Up

16:30 – 17:30 Networking Reception (*CASH BAR*)