

# National Cybersecurity Consortium Conference

Achieving New Heights in Cybersecurity and Privacy

June 25-27, 2025

Banff Centre for Arts and Creativity, Banff, Alberta

## Conference Agenda

All times listed in Mountain Time

Wednesday, June 25

9 am – 3 pm  
KC105

### Capture the Flag

Made possible by Mastercard 

Teams made up of students from Canadian schools will put their cybersecurity skills to the test in our race to capture the flags. Cyber Range powered by ENFOCOM.

5 pm - 8 pm  
Maclab Bistro

### Barbeque Evening Reception

Join us for an unmissable opportunity to connect with fellow conference attendees as we enjoy a barbeque reception in the beautiful Maclab Bistro.

Thursday, June 26

7 am – 8:45 am  
Vistas

### Breakfast

9 am – 9:30 am  
KC 203/205

### Opening & Welcome

9:30 am - 10:30 am  
KC 203/205

**Panel: Developing Cybersecurity Expertise** - An exploration of new and innovative ways to better prepare trainees by incorporating the private sector in training.

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Thursday, June 26

10:30 am - 11:15 am  
Coffee: Galleria  
Poster Sessions: KC 201

**Innovation Break** - Enjoy refreshments while exploring poster sessions in KC 201.

11:15 am - 12:15 pm  
KC 203/205

**Panel: A Holistic Approach to Cyber Risk Challenges** - Risk management requires a multi-discipline approach to ensure all factors are considered to most effectively protect an organization. By drawing on a range of expertise, an organization is able to minimize cyber risks and ensure business sustainability.

12:15 pm - 1:30 pm  
Vistas

**Lunch**

1:30 pm - 2 pm  
KC 203/205

**Lightning Talk: Securing Distributed Authentication Systems for Banking Innovation** - The Swiss banking sector is exploring an approach to secure digital infrastructure through distributed authentication. Parallels with Canada's energy industry and other highly regulated sectors are explored. The talk considers decentralized identity, trust frameworks, and cryptographic authentication.

2 pm - 3 pm  
KC 203/205

**Panel: Social Engineering in Cybersecurity and Democracy** - Evolving social engineering tactics from AI-driven misinformation to deepfake-enabled fraud are explored along with cutting-edge strategies to protect cybersecurity and democratic systems.

3 pm - 3:45 pm  
Coffee: Galleria  
Poster Sessions: KC 201

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Thursday, June 26

3:45 pm - 4:45 pm  
KC 203/205

**Panel: Securing Canada: Evolving Threats and Innovations in Cybersecurity** - Evolving threats facing national security from state-sponsored attacks to dark web threads must be addressed with innovations, policies, and partnerships to shape Canada's military, intelligence, and public security.

4:45 pm - 5:45 pm  
KC 203/205

**Panel: AI-Driven Cybersecurity** - AI offers both a threat and a defense in cyber threats but Canada must understand AI's challenges while potentially leveraging AI-driven innovation to detect threats, manage risk, and secure its digital landscape against these techniques.

5:45 pm - 6 pm  
KC 203/205

**End of Day Remarks**

Friday, June 27

7 am - 8:45 am  
Vistas

**Breakfast**

9 am - 9:15 am  
KC 203/205

**Opening & Welcome**

9:15 am - 10:15 am  
KC 203/205

**Panel: Building Effective Connections Between Industry and Research** - An exploration of how academia, industry, and investors can align goals, overcome commercialization barriers, and build a collaborative ecosystem to accelerate cybersecurity innovation and adoption.

10:15 am - 10:45 am  
KC 203/205

**Debate: Securing Canada: Frontiers in Quantum Risk** - Two perspectives on the urgency of the need for investment in quantum cyber resilience. Is the threat sufficient immediate to require practitioner's investment in the near term, possibly by investing less in other potential risks, or is this a future concern? How can an organization mitigate the threat to its operations?

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Friday, June 27

10:45 am - 11:15 am  
Coffee: Galleria  
Poster Sessions: KC 201

**Innovation Break** - Enjoy refreshments while exploring poster sessions in KC 201.

11:15 am - 12:15 pm  
KC 203/205

**Panel: Offensive Cybersecurity – Risks, Opportunities, Concerns** - Canada's evolving stance on offensive cybersecurity changes the way we engage in cyber threats. We examine the legal and strategic implications of preemptive cyber actions against nation-state threats, cybercriminals, and other threats.

12:15 pm - 1:30 pm  
Vistas

**Lunch**

1:30 pm - 2:30 pm  
KC 203/205

**Panel: Cybersecurity of Canada's Energy Infrastructure** - The cybersecurity challenges facing critical energy sectors, from oil and gas to nuclear and hydro, appear to lack a coordinated strategy. Can nationwide coordination, regulatory strategies, and innovation in different sectors strengthen resilience against evolving threats?

2:30 pm - 3:00 pm  
KC 203/205

**End of Day Remarks**