



Twentieth Annual IFIP WG 11.10 International Conference on Critical Infrastructure Protection

**Singapore Institute of Technology
Room SR220, Level 3, Building Block E2
1 Punggol Coast Road
Singapore 828608
March 16-17, 2026**

March 16, 2025 (Monday)

8:20am - 8:50am: Light Refreshments

8:50am - 9:00am: Welcoming Remarks and Logistics

Raymond Chan, Conference General Chair, Singapore Institute of Technology, Singapore

9:00am - 10:00am: Keynote Lecture

T9:00am - 10:00am: Keynote Lecture

Trustworthy Artificial Intelligence as Critical Infrastructure: Safety, Privacy and Trust

Lam Kwok Yan, Associate Vice President of Strategy and Partnerships and Professor of Computing and Data Sciences,
Nanyang Technological University, Singapore

10:00am - 11:00am: Session 1

Chair: Leon Strous, De Nederlandsche Bank (Retd.), Amsterdam, The Netherlands

A Multi-Task Learning Framework for Public Risk Assessment of Electric Vehicle Charging Infrastructure Using Social Media Data

Ao Shen, Jingquan Ma, Kam-Pui Chow and Tian Xia

Shanghai Polytechnic University, Shanghai, China

University of Hong Kong, Hong Kong, China

Cyber Threat Information Sharing in Military Coalitions: Cryptographically-Enforced, Attribute-Based Access Control in Permissioned Blockchains

Øyvind Toftegard and Frode van der Laak

Norwegian University of Science and Technology, Gyøvik, Norway

11:00am - 11:30am: Break

11:30am - 12:30pm: Session 2

Chair: Øyvind Toftegard, Norwegian University of Science and Technology, Gyøvik, Norway

Simulation-Based Mitigation Framework for Finney and Race Double-Spending Attacks in Blockchain

Abhinav Gupta and Anushka Ata

National Forensic Sciences University, New Delhi, India

A Comparative Analysis of Critical Infrastructure Protection Laws Across Jurisdictions

Raymond Chan

Singapore Institute of Technology, Singapore

12:30pm - 1:45pm: Lunch

March 16, 2026 (Monday) (continued)

1:45pm - 2:45pm: Keynote Lecture

Critical Infrastructure Protection in Hong Kong

Dicky Wong, Chief Executive Officer, Syber Couture, Hong Kong

2:45pm - 3:30pm: Panel

Critical Infrastructure Without Borders: Cybersecurity and Privacy in Interconnected Power Systems Across the Asia-Pacific Region

Panel Chair: Daisuke Mashima, Associate Professor of Information Systems Technology and Design, Singapore University of Technology and Design, Singapore

Panelists:

Zach Tudor, Associate Laboratory Director, Idaho National Laboratory, Idaho Falls, Idaho, USA

See Fong Ho, Managing Director, HY M&E Consultancy Services, Singapore

Dicky Wong, Chief Executive Officer, Syber Couture, Hong Kong

3:30pm - 3:50pm: Break

3:50pm - 4:50pm: Invited Lecture

How Advanced Digital Forensics Capabilities Can Drive Critical Infrastructure Protection Efforts

Sujeet Sheno, Professor of Computer Science and Chemical Engineering, University of Tulsa, Tulsa, Oklahoma, USA

5:00pm - 5:20pm: IFIP WG 11.10 Business Meeting

5:30pm - 8:00pm: Conference Dinner

Paradise Hotpot, #02-120, 88 Punggol Way, Singapore 829913

March 17, 2026 (Tuesday)

8:20am - 8:50am: Light Refreshments

9:00am - 10:00am: Session 3

Chair: Sye Loong Keoh, University of Glasgow, Singapore

Security and Jurisdictional Seams in Co-Locating Data Centers with Nuclear Power Generation

Tiffany Haney, Shannon Eggers and Charles Nickerson

Idaho National Laboratory, Idaho Falls, Idaho, USA

Do Audits by Norwegian Energy Authorities Reveal Common Vulnerabilities that Hackers Exploit?

Janne Hagen and Øyvind Toftegard

University of Oslo, Oslo, Norway

Norwegian University of Science and Technology, Gyøvik, Norway

10:00am - 11:00am: Invited Lecture

Securing Wind Energy Facilities

Sujeet Sheno, Professor of Computer Science and Chemical Engineering, University of Tulsa, Tulsa, Oklahoma, USA

11:00am - 11:20am: Break

11:30am - 12:30pm: Keynote Lecture

Critical Infrastructure Protection in Hong Kong: New Ordinance Overview and Implementation Insights

Lester Ip, Head of Operations, Critical Infrastructure (Computer-System Security), Hong Kong Police Force, Hong Kong, China

12:30pm - 1:45pm: Lunch

1:45pm - 2:45pm: Invited Lecture

From Power Plants to Smart Homes: Securing the Cyber-Physical Backbone of Modern Energy Systems

Selvakumar Manickam, Professor and Director of Cybersecurity Research Centre, Universiti Sains Malaysia, George Town, Pulau Pinang, Malaysia

2:45pm - 3:45pm: Session 4

Chair: Ao Shen, School of Computer and Information Engineering, Shanghai Polytechnic University

Cascading Effects Analysis Supporting the Implementation of the Network and Information, and Critical Entities Resilience Directives

Stefan Schauer, Sebastian Chlup, Michael Plasch and Stefan Rass

Austrian Institute of Technology, Linz, Austria

A Pi-Calculus Model and Analysis of IEC 61850 GOOSE/SV Messaging over High-Availability Seamless Redundancy

Arzhan Tong and Stephen Wolthusen

Royal Holloway, University of London, London, United Kingdom

Norwegian University of Science and Technology, Gyøvik, Norway

3:45pm - 4:00pm: Break

4:00pm - 5:00pm: Invited Lecture

The Singapore Institute of Technology Punggol Campus as a Microgrid Laboratory for Training and Industry Collaboration

Tseng King Jet, Professor of Electrical Engineering, Singapore Institute of Technology, Singapore