



Japan-Europe-US: Integrating Cyber Security and Norms into Critical Infrastructure

Location: Stockholm International Peace Research Institute, Solna, Sweden
Date: 18 December 2017

Concept: This workshop will assemble experts from Japanese, European and US technical, industry, legal and academic communities to discuss how to better formulate and implement cooperative approaches in building cyber security and cyber norms, particularly in terms of critical infrastructure.

External Participants by SIPRI Invitation Only

TIME	WORKSHOP	LOCATION
0900 – 0930	Registration and Fika	Vestibule
0930 – 0945	<p>Welcome Remarks and Workshop Overview</p> <p>Mr Dan Smith: Director, Stockholm International Peace Research Institute (SIPRI)</p> <p>Dr Lora Saalman: Director, China and Global Security Programme, SIPRI</p>	Conference Room
0945 – 1145	<p>Panel I: Definitions and Threats in Cyberspace</p> <p>Questions: <i>How is ‘critical infrastructure’ defined in your country and what types of facilities are included? How have these definitions evolved over time? What are the most pressing threats to these facilities, including but not limited to supply chain risks, insider threats, external devices and networks, social engineering, etc.? Are these threats being adequately addressed within the evolution of cyber security and cyber norms? If not, what are the gaps in terms of defense, detection, mitigation, response and resilience?</i></p> <p><i>Moderator</i></p> <p>Dr Lora Saalman: Director, China and Global Security Programme, SIPRI</p> <p><i>Speakers</i></p> <p>Mr Shinichi Yokohama (Head, Cyber Security Integration, NTT Corporation) - Japan</p>	Conference Room

	<p>Dr Page Stoutland (Vice President, Scientific and Technical Affairs, Nuclear Threat Initiative) - United States</p> <p>Mr Junjiro Isomura (Senior Fellow, Director, US-Japan Strategic Summit Program Hudson Institute) - Japan</p> <p>Mr Erik Zouave (Researcher, Swedish Defence Research Agency, FOI; Researcher, Centre for IT and IP Law, KU Leuven; Research Fellow and Google Policy Fellow, Citizen Lab) - Sweden</p>	
1145 – 1300	Lunch	Dining Room
1300 – 1500	<p>Panel II: Cases of Cyber Intrusions and Attacks</p> <p>Questions: <i>Within your selected case study, what are the primary vectors and timelines of intrusion or attack? How is this case representative of old or new trends in cyber security? What are the successes and failures in mitigating and responding to the intrusion or attack within your case study? What are the specific lessons learned and how can these be applied to addressing future such incidents, in terms of segmentation, modularity, redundancy, design, response, information sharing, etc.?</i></p> <p><i>Moderator</i></p> <p>Dr Lora Saalman: Director, China and Global Security Programme, SIPRI</p> <p><i>Speakers</i></p> <p>Dr Peter Bernard Ladkin (Professor, Computer Networks and Distributed Systems, University of Bielefeld) - United Kingdom</p> <p>Mr John Strand (Founder, Black Hills Information Security) - United States</p> <p>Mr Éireann Leverett (Founder, Concinnity Risks) - United Kingdom</p> <p>Ms Sarah Backman (Consultant, Secana Cyber Security) - Sweden</p>	Conference Room
1500 – 1515	Fika	Vestibule
1515 – 1715	<p>Panel III: National, Regional and International Cooperation</p> <p>Questions: <i>What are the strengths and weaknesses of existing mechanisms dealing with cyber intrusions and attacks on critical infrastructure, such as the National Institute of Standards and Technology, the Asia-Pacific Computer Emergency Response Team, United Nations Group of Governmental Experts, etc.? Which models hold the most promise for enhancement or replication at the national, regional and international level and why? How can these structures and their cooperative aspects be improved</i></p>	Conference Room

	<p><i>to strengthen security and norms on cyber intrusions into and attacks on critical infrastructure?</i></p> <p><i>Moderator</i></p> <p>Dr Lora Saalman: Director, China and Global Security Programme, SIPRI</p> <p><i>Speakers</i></p> <p>COL Gary Brown (Senior Legal Advisor, US Department of Defense; First Senior Legal Counsel, US Cyber Command) - United States</p> <p>Dr Motohiro Tsuchiya (Professor, Keio University) - Japan</p> <p>Dr Eneken Tikk (Senior Fellow, International Cyber Norms Programme, Leiden University) - Estonia</p> <p>Dr Keiko Kono (Senior Fellow, National Institute for Defense Studies, Japan Ministry of Defense) - Japan</p>	
1715 – 1730	<p>Synthesis</p> <p>Dr Lora Saalman: Director, China and Global Security Programme, SIPRI</p>	Conference Room