



# CRITIS 2020

## The 15<sup>th</sup> International Conference on Critical Information Infrastructures Security 2020

**2-3 September 2020**

**Draft Programme** (Times in BST)

### DAY 1






**Wednesday 2 September**

Session 1	9:00 – 9:05	Introduction <i>Awais Rashid, General Chair CRITIS 2020</i>
	9:05 – 9:15	Welcome <i>Prof Philip Taylor, Pro Vice-Chancellor (Research &amp; Enterprise), University of Bristol</i>
	9:15 – 9:25	Welcome <i>Bernhard M. Hämmerli, Chair, CRITIS Steering Committee</i>
	9:15 – 9:30	Program Introduction <i>Peter Popov/Awais Rashid, Programme co-chairs, CRITIS 2020</i>
	9:30 – 10:30	Trustworthy Inter-connected Cyber-Physical Systems <i>Prof Chris Hankin, Imperial College London</i>
	10:30 – 11:00	Finding Fast Flux Traffic in DNS Haystack <i>Williams Surjanto, Charles Lim</i>
<i>Networking</i>		
Session 2	13:00 – 13:05	Welcome – Session Chair, Simin Nadjm-Tehrani
	13:05 – 13:35	A Secure and Privacy-Preserving Data Collection (SPDC) Framework for IoT Applications <i>Tahani Aljohani, Ning Zhang</i>
	13:35 – 13:55	FI-WARE based authorization for a smart grid's scalable, trusted, and interoperable platform <i>George Suciu, Alexandru Vulpe, Cristiana Istrate, Mari-Anais Sachian, Marius Vochin</i>
	13:55 – 14:25	A Systematic Literature Review of Information Sources for Threat Modeling in the Power Systems Domain <i>Engla Ling, Robert Lagerström, Mathias Ekstedt</i>
<i>Networking</i>		
Session 3	16:00 – 16:05	Welcome – Session Chair, Sokratis Katsikas
	16:05 – 16:25	SSGMT: A Secure Smart Grid Monitoring Technique <i>Sohini Roy</i>
	16:25 – 17:25	A Decade of Research in CPS Security: An Unconsummated Union Between Control Theory and Information Security <i>Dr Alvaro Cardenas, University of California, Santa Cruz</i>

## DAY 2

### Thursday 3 September

Session 1	9:00 – 9:05	Welcome <i>Awais Rashid</i>
	9:05 – 9:10	Welcome – Session Chair, Sandro Bologna
	9:10 – 10:10	Defending Oil & Gas Critical Infrastructures from Cyber-attacks <i>Prof Dimitris Gritzalis, Athens University of Economics &amp; Business</i>
	10:10 – 10:40	A Tale of Two Testbeds: A Comparative Study of Attack Detection Techniques in CPS <i>Surabhi Athalye, Chuadhry Mujeeb Ahmed, Jianying Zhou</i>
Networking		
Session 2	13:00 – 13:05	Welcome – Session Chair, Stefano Panzieri
	13:05 – 13:25	Portable cybersecurity training and research platform for power grids <i>Dennis Rösch, Adam Bartusiak, Stephan Ruhe</i>
	13:25 – 14:25	Bristol Cyber Security Group Testbed Tour / Q&A <i>Joseph Gardiner, Awais Rashid</i>
Networking		
Session 3	16:00 – 16:05	Welcome – Session Chair, Gregorio D’Agostino
	16:05 – 16:25	Good to Bad: When Industrial Protocol Translation Goes Wrong <i>Marco Balduzzi, Charles Perine, Philippe Lin, Ryan Flores, Rainer Vosseler, Luca Bongiorno</i>
	16:25 – 16:55	Quantitative Information Security Vulnerability Assessment for Norwegian Critical Infrastructure <i>Yi-Ching Liao</i>
	16:55 – 17:15	Security Operation Centre Use Cases Developments for Operational Technology <i>Mohammad Jbair</i>
	17:15 – 17:20	CRITIS 2021 <i>Alain Mermoud</i>
	17:20 – 17:30	Closing Remarks <i>Awais Rashid/Peter Popov</i>

	Keynote
	Regular Technical Paper (Full)
	Regular Technical Paper (Short)
	Industrial / Practical Experience Report
	Testbed and Dataset Report