



Conference Programme

10 September 2019 (Workshops) – University of Piraeus

Time	Event	Room
09:00 09:30	Registration and Coffee	Foyer
09:30 09:50	Welcome	Conference Room
10:00 12:00	Zero Downtime: Blackout Edition is a game developed by OT security consultancy Limes Security, in order to raise awareness on OT / industrial control system security.	Laboratory
12:00 13:00	Working Lunch	Foyer
13:00 15:00	Introduction to Reverse Engineering: This workshop aims to provide the basic knowledge and skills required for someone to begin his journey in reverse engineering.	Laboratory
15:00 15:30	Coffee Break	Foyer
15:30 17:30	ICS Challenges – Trials and Tribulations: This workshop will look at some of the challenges typically faced within ICS Security. Walkthroughs of a number of ICS-specific Capture the Flag challenges will be presented to the participants, followed by a roundtable discussion of their real-world applicability. The workshop will also include a collaborative session to identify where challenges and pain points coincide or diverge between different industry verticals.	Laboratory

11 September 2019 (Conference) – Ministry of Digital Governance

Time	Event	Room
09:00 09:30	Registration and Coffee	Foyer
09:30 09:45	Chairs' Welcome	Conference Room
09:45 10:45 Keynote Talk	Moving Beyond the Silos: Holistic Cybersecurity at Siemens Joanna Burkey Global Head of Cyber Defense, Siemens	Conference Room
10:45 11:15	Coffee Break	Foyer
11:15 12:45	Session 1 Philipp Kreimel and Paul Tavalato, Neural Net-Based Anomaly Detection System in Substation Networks	Conference Room

	<p>Mohammed Al Qurashi, Constantinos Marios Angelopoulos and Vasilios Katos, Efficient Intrusion Detection in Ad Hoc Networks</p> <p>Mohamed Amine Ferrag, Leandros Maglaras, Helge Janicke and Richard Smith, Deep Learning Techniques for Cyber Security Intrusion Detection: A Detailed Analysis</p> <p>Muhammad Taimoor Khan, Dimitrios Serpanos and Howard Shrobe, On Synthesis of Runtime Security Monitor for Real-time IoT Applications</p>	
12:45 13:45	Lunch	Foyer
13:45 15:15	<p>Session 2</p> <p>Dimitrios Schoinianakis, Norbert Goetze and Gerald Lehmann, MDiET: Malware Detection in Encrypted Traffic</p> <p>George Suciu, Cristiana-Ioana Istrate, Alexandru Vulpe, Mari-Anais Sachian, Marius Vochin, Aristeidis Farao and Christos Xenakis, Mobile devices forensic platform for malware detection</p> <p>Angela Smith, Adam Wedgbury, Philippe Biondi, Hugh Soulsby and Kevin Jones, Industrial Control System Defence: Debugging ICS Maintenance Network Traffic</p> <p>Petr Matousek, Ondrej Rysavy and Matěj Grégr, Increasing Visibility of IEC 104 Communication in the Smart Grid</p>	Conference Room
15:15 15:45	Coffee Break	Foyer
15:45 17:30	<p>Session 3</p> <p>Felix Sauer, Matthias Niedermaier, Susanne Kießling and Dominik Merli, LICSTER, A Low-cost ICS Security Testbed for Education and Research</p> <p>Aristeidis Farao, Christoforos Ntantogian, Cristiana Istrate, George Suciu and Christos Xenakis, SealedGRID: Scalable, trustEd, and interoperABLE pLatform for sEcureD smart GRID</p> <p>Henry Hui, Peter Maynard and Kieran Mclaughlin, ICS Interaction Testbed: A Platform for Cyber-Physical Security Research</p>	Conference Room

	Ghada Elbez, Hubert B. Keller, Veit Hagenmeyer, Authentication of GOOSE Messages under Timing Constraints in IEC 61850 Substations	
	Abdelouahid Derhab, Mohamed Guerroumi, Leandros Maglaras, Mohamed Amine Ferrag, Mithun Mukherjee and Farrukh Aslam Khan, BLOSTER: Blockchain-based System for Detection of Fraudulent Rules in Software-Defined Networks (Poster)	
17:30	End of Day	Foyer
17:45	Dinner	Foyer
19:00	Award ceremony	Cocktail Bar

12 September 2019 (Conference) – Ministry of Digital Governance

Time	Event	Room
09:00 09:30	Coffee and Networking	Foyer
09:30 10:30 Keynote Talk	Security and resilience of the crewless ship Sokratis K. Katsikas Rector at Open University of Cyprus Professor, Dept. of Information Security and Communication Technology, NTNU	Conference room
10:30 11:00	Coffee	Foyer
11:00 13:00	Session 4 Vasileios Vlachos, Ioannis Stamatiou, Sotiris Nikolettseas, Pantelis Tzamalidis and Kyriaki Chantzi, A Social Network Analysis Tool for Uncovering Cybersecurity Threats Soo Yee Lim, Joseph Gardiner, Barnaby Craggs and Awais Rashid, RESTful HTTPS over Zigbee: Why and how? Martín Barrère, Chris Hankin, Demetrios Eliades, Nicolas Nicolaou and Thomas Parisini, Assessing Cyber-Physical Security in Industrial Control Systems George Suciu, Cristiana-Ioana Istrate, Alexandru Vulpe, Mari-Anais Sachian, Marius Vochin, Aristeidis Farao and Christos Xenakis, Attribute-based Access Control for Secure and Resilient Smart Grids Peter L. Fuhr, A Separate Network for Control System CyberSecurity	Conference room
13:00 14:00	Lunch	Foyer

14:00 16:00	ENISA session K. Moulinos (ENISA), The Directive for the Networks and Information Systems D. Glynos, Stergios Kolios (Census), ICS/SCADA and IoT testing techniques A. Malatras (ENISA), IoT Security Panel Discussion	Conference room
16:00 16:30	Final Remarks	Conference room
16:30	Conference close	Conference room

Conference Location – Directions

10th of September - Workshops

University of Piraeus

Androutsou Odyssea 150, Piraeus, 185 32.

[https://moovitapp.com/?from=Athens%20International%20Airport%20\(ATH\)&to=Androutsou%20Odyssea%20150&fill=37.93388_23.94458&tll=37.941711_23.64979&utm_medium=email&utm_source=shared&customerId=4908&ref=1&poiType=site&metroId=1822&lang=en](https://moovitapp.com/?from=Athens%20International%20Airport%20(ATH)&to=Androutsou%20Odyssea%20150&fill=37.93388_23.94458&tll=37.941711_23.64979&utm_medium=email&utm_source=shared&customerId=4908&ref=1&poiType=site&metroId=1822&lang=en)



11th -12th of September - Conference

Ministry of Digital Governance (Ministry of Digital Policy, Telecommunications and Media)

Fragkoudi 11 και Αι. Pantou, Kalithea, 101 63 (Entrance from Αι. Pantou)

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