

ECSCI (European Cluster for Securing Critical Infrastructures) Workshop

Venue: Google Meet

Dates: 24th-25th of June 2020

Day 1: Wednesday, June 24th 2020 (09:00-17.10 CEST)

09:00 – 09:20	Welcome and opening remarks: Habtamu Abie (NRS) and Andrea de Candido, Head of Unit of DG HOME B4 Innovation and Industry for Security
09:20 - 10:00	Invited Talk: Critical Information Infrastructure Protection: The role of ENISA in the new EU policy context – Kostantinos Moulinos (ENISA)
10:00 - 10:10	Coffee Break
10:10 – 10:30	DEFENDER (https://defender-project.eu/): Energy infrastructure protection - Gabriele Giunta (Engineering)
10:30 - 10:50	SAFECARE (https://www.safecare-project.eu/): Safeguarding critical health infrastructure by Philippe Tourron (APHM - Hôpitaux universitaires de Marseille) and Isabel Praça (ISEP - Institut Superior de Engenharia do Porto)
10:50 – 11:10	FINSEC (https://www.finsec-project.eu/): Securing critical financial infrastructure – Ernesto Troiano (GFT)
11:10 - 11:30	Coffee Break
11:30 – 11:50	InfraStress (https://www.infrastress.eu/): Improving resilience of sensitive industrial plants & infrastructures - Lorenzo Franco Sutton (Engineering)
11:50 - 12:10	RESISTO (http://www.resistoproject.eu/): Resilience enhancement and risk control for communication infrastructures - Bruno Saccomanno (Leonardo – Società per azioni)
12:10 – 12:30	STOP-IT (https://stop-it-project.eu/): Protection of critical water infrastructures by Rita Ugarelli (SINTEF)
12:30 – 14:00	Lunch Break
14:00 - 15:00	<u>Physical and Cyber security integration and modelling</u> <ul style="list-style-type: none"> • Applied to WATER critical infrastructure by Christos Makropoulos (ICCS/NTUA, Greece) • FINSTIX Data Modelling by Giorgia Gazzarata (CINI, University of Genoa) • SAFECARE approach to integrated cyber-physical security for the healthcare sector by Fabrizio Bertone (LINKS Foundation)
15:00 - 15:20	<u>Standardization in Critical Infrastructure Protection</u> Could standardization break the silos approach in Critical Infrastructure Protection? by Denis Caleta (CS-Institut)
15:20 – 15:40	Coffee Break
15:40 - 16:00	<u>Collaborative Risk Assessment</u> Collaborative Risk Assessment and Impacts by John Soldatos (Innov-acts)
16:00 – 16:20	<u>ELSI - Panel Discussion</u> Ethical, legal, and social implications of projects by Sylvia Bach (University of Wuppertal)
16:20 – 16:40	<u>Protect Industry 4.0</u> How to protect Industry 4.0 Sensitive Industrial Plants from cyber and physical attacks by Luigi Romano (University of Naples “Parthenope”)
16:40 – 17:00	<u>Cyber and Physical Security management</u> Combining cyber and physical security management for critical infrastructure protection by Theodore Zahariadis (University of Athens)
17:00 – 17:10	Conclusions and Collaboration Planning of Day 1

Day 2: Thursday, June 25th 2020 (9:00-15.30 CEST)

09:00 – 09:10	Welcome and second day introduction
09:10 – 10:00	Invited talk: Moving towards a trustworthy and resilient European cyber security ecosystem - Roberto Cascella (ECSSO)
10:00 – 10:20	<u>Resilience of Critical Infrastructures</u> Indicators for assessing resilience of the European critical infrastructures: Wishful thinking vs. engineering challenge by Aleksandar Jovanovic (EU-VRi)
10:20 - 10:40	Coffee Break
10:40 - 11:00	ANASTACIA (http://www.anastacia-h2020.eu/): Security and trust assessment in CPS / IOT architectures - Stefano Bianchi (AlgoWatt Spa)
11:00 – 11:20	SATIE (http://satie-h2020.eu/): Security of air transport infrastructure of Europe - Kelly Burke (DGSSPA)
11:20 - 11:40	SecureGas (https://www.securegas-project.eu/): Securing the European gas network - Ilias Gkotsis (KEMEA)
11:40 - 12:00	SPHINX (https://sphinx-project.eu/): Cyber-security protection in healthcare IT ecosystem - Evangelos Markakis (Hellenic Mediterranean University-HMU)
12:00 – 12:20	SmartResilience (http://www.smartresilience.eu-vri.eu/) – Aleksandar Jovanovic and Bastien Caillard (EU-VRi)
12:20 - 12:40	<u>Automation</u> Increased automation for detection, prevention and mitigation measures - Evangelos Markakis (Hellenic Mediterranean University-HMU)
12:40 – 13:00	<u>Legal and Ethical issues</u> Legal and Ethical frameworks concerning cybersecurity of critical infrastructures (with a specific focus on healthcare and medical devices) - Elisabetta Biasin (KU Leuven)
13:00 - 14:00	Lunch Break
14:00 - 14:20	<u>Artificial Intelligence - Panel Discussion</u> Artificial Intelligence for Securing Critical Infrastructures - John Soldatos (Innov-Acts)
14:20 – 14:40	<u>Predictive Analytics</u> AI based CCTV Analytics for Cyber-physical Security - Jürgen Neises (Fujitsu)
14:40 - 15:00	<u>Anomaly detection</u> Applying Machine Learning algorithms to build anomaly-based cyber and physical detection systems - Juan Caubet (EURECAT)
15:00 - 15:30	Conclusions and Collaboration Planning of Day 2