



ECSCI (European Cluster for Securing Critical Infrastructures) Workshop

Venue: DG Home Premises

rue Luxembourg 46, Brussels

Dates: 26th-27th of March 2020

Day 1: Thursday, March 26th 2020 (09:00-18.00)

Invited Talks & Project Presentations

09:00 – 09:10	Welcome and opening remarks - EC representative
09:10 - 10:10	Invited Talk: protection of critical infrastructures - Evangelos Ouzounis (ENISA)
10:10 - 10:30	Coffee Break
10:30 – 10:50	ANASTACIA (http://www.anastacia-h2020.eu/): Security and trust assessment in CPS / IOT architectures - Stefano Bianchi (Softeco)
10:50 - 11:10	DEFENDER (https://defender-project.eu/): Energy infrastructure protection - Gabriele Giunta (Engineering)
11:10 – 11:30	FINSEC (https://www.finsec-project.eu/): Securing critical financial infrastructure - Ernesto Troiano (GFT)
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	SAFECARE (https://www.safecare-project.eu/): Safeguarding critical health infrastructure by David Lancelin (Airbus Cybersecurity)
12:30 – 12:50	SATIE (http://satie-h2020.eu/): Securing Air transport infrastructure by Kelly Burke (DGSSPA)
12:50 – 14:00	Lunch Break
14:00 - 14:20	SecureGas (https://www.securegas-project.eu/): Securing the European gas network by Clemente Fuggini (RINA Consulting)
14:20 - 14:40	SPHINX (https://sphinx-project.eu/): Cyber-security protection in healthcare IT ecosystem by Evangelos Markakis (Hellenic Mediterranean University-HMU)

14:40 - 15:00	STOP-IT (https://stop-it-project.eu/): Protection of critical water infrastructures by Rita Ugarelli (SINTEF)
15:00 – 15:20	Coffee Break
15:20 - 16:00	Panels and round table discussions <ul style="list-style-type: none">• ELSI: ethical, legal, and social implications of projects by Sylvia Bach (University of Wuppertal)
16:00 – 16:30	Conclusions and Collaboration Planning of Day 1

Day 2: Friday, March 27th 2020 (9:00-17.00)

Invited Talk & Thematic Presentations

09:00 – 09:10	Welcome and coffee
09:10 – 10:00	Invited talk on Integrated cyber-physical security approaches by Roberto Cascella (ECSO)
10:00 – 10:40	<u>Physical and Cyber security integration and modelling</u> <ul style="list-style-type: none">• Applied to WATER critical infrastructure by Christos Makropoulos (NTNU, Norway and KWR, The Netherlands)• FINSTIX Data Modelling by Ernesto Troiano (GFT)
10:40 – 11:00	<u>Cyber and Physical Detection</u> <ul style="list-style-type: none">•
10:20 – 10:40	<u>Predictive Analytics</u> <ul style="list-style-type: none">• AI based CCTV Analytics for Cyber-physical Security by Adrien Besse and Jürgen Neises (Fujitsu)
10:40 - 11:00	<u>Anomaly detection</u> <ul style="list-style-type: none">• Applying Machine Learning algorithms to build anomaly-based cyber and physical detection systems by Juan Caubet, PhD, Director of IT Security, EURECAT, Spain
11:00 - 11:20	Coffee break
11:20 – 11:40	Collaborative Risk Assessment and Impacts by Mavrogiannis Konstantinos (Silo) / John Soldatos (Innov-acts)
11:40 – 12:00	<u>Legal and Ethical issues</u> Legal and Ethical frameworks concerning cybersecurity of critical infrastructures (with a specific focus on healthcare and medical devices) by Elisabetta Biasin (KU Leuven)
12:00 – 13:00	Guided tour through the European Parliament by Max BRANDT
13:00 - 14:00	Lunch Break
14:00 – 14:20	<u>Security Information sharing</u> <ul style="list-style-type: none">•
14:20 – 14:40	<u>Repository to exchange knowledge and sharing rules by Evangelos Markakis (Hellenic Mediterranean University-HMU)</u>
14:20 - 14:40	<u>Increased automation for detection, prevention and mitigation measures by Evangelos Markakis (Hellenic Mediterranean University-HMU)</u>
14:40 - 15:30	Conclusions and Collaboration Planning Day 2