



DITEN

Department of Electrical, Electronic, Telecommunications Engineering and Naval Architecture
Polytechnic School, University of Genoa



Cyber Security, Resilience and Business Continuity for Electrical Grid National Committee

4th Edition – International Conference
**Cyber Security for Energy &
Transport infrastructure**

11th - 12th - 13th June 2018

*Palazzo della Borsa
Via XX Settembre 44 - GENOA – ITALY*

In collaboration with:



Contacts:

Cristina Carnevali - cristina.carnevali@unige.it - Tel.: +39 010 353 2165, Mob.: +39 380 439 9521, DITEN (University of Genoa), Via all'Opera Pia 11A, I16145 Genoa (Italy)

Iolanda – cset@csetconference.com – Mob.: +39 331 5709733



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11th June (Venue: Savona Campus)

16:00 - 18:00 **Welcome Cocktail and Tour of the University campus of Savona Smart Microgrid** *(by invitation only)*

12th June – CSET2018 - DAY ONE: Opening and Cyber Security for Energy Infrastructure

09.30 – 10.00 **Registration – Welcome Coffee**

10.00 – 10.15 **Welcome**

Paola GIRDINIO, President Cyber Security National Committee, DITEN – Professor at Polytechnic School University of Genoa

Enrico GIUNCHIGLIA, Professor and Vice-Rector University of Genoa

Riccardo GENOVA, President of the Italian Railway Engineers Committee (CIFI) Ligurian headquarter

Opening of the Conference

10.15 – 10.40 Ofer SACHS, His Excellency the Ambassador of Israel in Italy

10.40 – 13:00 **Institutional Session**

CHAIRMAN: Paola GIRDINIO, President Cyber Security National Committee, DITEN – Professor at Polytechnic School University of Genoa

10.40 - 11.00 Gen. di B.A. Francesco VESTITO, CIOC (Joint Command for Cyber Operations) Commander – Italian Ministry of Defence, *“Italian defence perspective on military ICS platforms”*

11.00 – 11.20 RAdm (ITCG) Luigi GIARDINO, Head of Safety Navigation Department Italian Coast Guard Headquarters, *“Introduction to Maritime Security and Cyber”*

11.20 – 11.40 Zori KOR, Vice President Asero, *“Where Are We Heading with Critical Infrastructure Defense in the Cyber Domain?”*

11.40 – 12.00 Paolo PRINETTO, Professor and President National Interuniversity Consortium for Informatics, Director Cybersecurity National Laboratory, *“Is there a role for “domestic” technologies in protecting critical infrastructures?”*

12.00 – 12.20 Rita FORSI, General Director ISCOM (CERT IT), *“The NIS Directive provisions for Energy Sector”*

12.20 – 13.00 **QUESTIONS & ANSWERS**

13.00 – 14.30 **Light Lunch**



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14.30 – 16.10 Session 1 – Policy & Organization: Security by design – Awareness, Communication, Human factor, Behavioral Pattern Analysis. Enabling concepts

CHAIRMAN: Mark LOWE, Managing Director Monact Risk Assessment Services

- 14.30 – 14.50 Alessandro ARMANDO, Professor at CIRCIE (Interdepartmental Research Center for Cyber Security of Critical Infrastructures) - Polytechnic School University of Genoa, *"Countering the Cyber Threat: Automated Vulnerability Assessment"*
- 14.50 – 15.10 Povel TORUDD, Head of Corporate Communications, Sales and Marketing KASPERSKY, *"Behind the scenes of a cyber incident: an apt PR & communications case study"*
- 15.10 – 15.30 Francesco MORELLI, Corporate Security Manager TERNA, and Andrea FOSCHINI, Information Security Manager TERNA, *"Terna Case Study: A cybersecurity framework applied to grid monitoring and protection"*
- 15.30 – 15.50 Francesco BONGIORNO, Board Member BCI Italy Forum, *"Building Resilient Cities: How Different Players Must Work Together Toward the Same Objective"*
- 15.50 – 16.00 QUESTIONS & ANSWERS

16.00 – 18.30 Session 2 – The Cyber Security, Resilience and Business Continuity for Electrical Grid

CHAIRMAN: Yuri RASSEGA, CISO ENEL

- 16.00 – 16.20 Gaetano SANACORE, Director of Cyber Security, Resilience and Business Continuity for Electrical Grid National Committee, *"Cyber Security Guideline for Electrical Systems Operators"*
- 16.20 – 16.50 Gian Luigi PUGNI, OT Engineering Cyber Security Global Digital Solutions ENEL, *"Security in Power Systems: IEC TC57 and IEC SyC Cyber Security activities"*
- 16.50 – 17.10 Andrea RIGONI, Responsible of Scientific Area, Cyber Security National Committee
- 17.10 – 17.30 Giovanni COLOMBO, Customer Solution Architect CISCO, *"Cyber Security for Energy Utility"*
- 17.30 – 17.50 Gleb GRITSAI, Head of Security Services Kaspersky Lab, *"Cyber Threat Hunting in ICS environment"*
- 17.50 – 18.10 Mario MARCHESE, Professor at DITEN – Polytechnic School University of Genoa, *"The Role of Cybersecurity in Smart Cities / Smart Industries"*
- 20.00 **Gala Dinner** (by invitation only)



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13th June - CSET 2018 - DAY TWO: Cyber Security for Transport & Mobility infrastructure

9:30 – 12:30 **PART 1 – Security in critical infrastructure for transport, threat landscape, awareness and how two move on**

CHAIRMAN: Fabio CAPOCACCIA, President IIC (International Institute for Communication)

9.30 – 9.50 Zori KOR, Vice President Asero, *“National Reference for Cyber Defense”*

9.50 – 10.10 Giovanni DI VENUTA, Cyber Security Consulting Systems Engineer CISCO, *“Improving Cyber Security in Transportation”*

10.10 – 10.30 Francesco DI MAIO, Head of Security Department ENAV, *“ENAV Centralized Security Governance – Bridging duty of care and compliance in the digital era”*

10.30 – 10.50 Commander (ITCG) V. Paolo LEONE, Head of Unit, Maritime Security Office - Safety of Navigation Department, Italian Coast Guard Headquarters, *“International Ship and Port Facility Security Code: raising awareness on cyber risk management”*

10.50 – 11.10 Marco MOLINARI, Informatic and ICT development Manager Ports of Genoa - Western Ligurian Sea Port Authority, *“An integrated approach between physical security and cybersecurity in the ports of Genoa”*

11.10 – 11.30 Biagio MARCONE, Regional Sales Manager South Europe and Mediterranean, Grid Automation ABB, *“Quantum-Safe Communication for Critical Infrastructure”*

11.30 – 11.50 Francesco TOZZI Deloitte Cyber Risk Services, *“Cyber Risks in Maritime Environments”*

11.50 – 12.30 QUESTIONS & ANSWERS

12.30 – 14.00 **Light Lunch**

14.00 – 16.00 **PART 2 – Securing big urban data and critical national infrastructure in smart environments**

CHAIRMAN: LUCA MANUELLI, Chief Digital Officer & Senior Vice President Quality, IT and Process Improvement Ansaldo Energia, Member of the Industry 4.0 Committee co-ordinated by the Italian Ministry of Economic Development

14.00 – 14.20 Roberto DE VITA, criminal lawyer, Director IT and Security Committee Eurispes, *“Urban big data and city intelligence: ethical and legal issues in smart urban governance”*

14.20 – 14.40 Pier Vittorio REBBA, Digital Lead Power Generation & Water ABB, *“Cyber security for critical infrastructure in power generation and water”*

14.40 – 15.00 Fabio COCURULLO, Chief Technology Officer Cyber Security & ICT Solutions Leonardo, *“Challenges and research directions for securing cyber-physical systems”*

15.00 – 15.20 Andrea PEPATO, Telecom and Security Engineer ANSALDO STS, *“Cyber Security in Transportation Systems”*

15.20 – 16.00 QUESTIONS & ANSWERS

Closing of the Conference