



Safety & Security in Critical Infrastructures & Ports as Opportunities for Plant Engineering

MIPET – The International Master in Industrial Plant Engineering and Technologies is an initiative promoted by a joint Team of Academic and Scientific Institutions, Industries and Associations. The 10th Edition of MIPET involves an international class composed by top quality young engineers and it is sponsored as usual by major International Companies (e.g. ABB, Paul Wurth, Danieli). The MIPET Excellence is based on the strong engagement of Academic and Technical Experts coming from Prestigious Universities and Leading Industries that are active in this area with special attention to sectors such as Energy, Iron & Steel, EPC, Large Industrial Plants, Process Industries, Oil & Gas. As happen each year, MIPET 10th edition includes modules and seminars that are open also to Professional and Industrial communities to promote also locally this International Network.

This Seminar is titled: **Safety & Security in Critical Infrastructures & Ports as Opportunities for Plant Engineering** and it is organized in strong Synergy among **MIPET, STRATEGOS, University of Genoa, START4.0, Confindustria, Ordine degli Ingegneri, Simulation Team** and **ANIMP** as an opportunity for experts from Industries and Institutions as well as professional world to meet together on this Strategic Subject; the attendees include also the International Students, already engineers, of 10th Edition of **MIPET** and 1st Edition of **STRATEGOS**, MSc in **Engineering Technologies for Strategy and Security** organized by Genoa University (prima Laurea Magistrale in Strategic Engineering in Italia e tra le prime nel Mondo).

Please note that the Seminar has been anticipated to 10.00B due to the attendees requests

WHEN: 10.00B, October 7th, 2019 WHERE: Meeting Room, Ordine degli Ingegneri di Genova Piazza della Vittoria 11, 16121 Genova, Italy

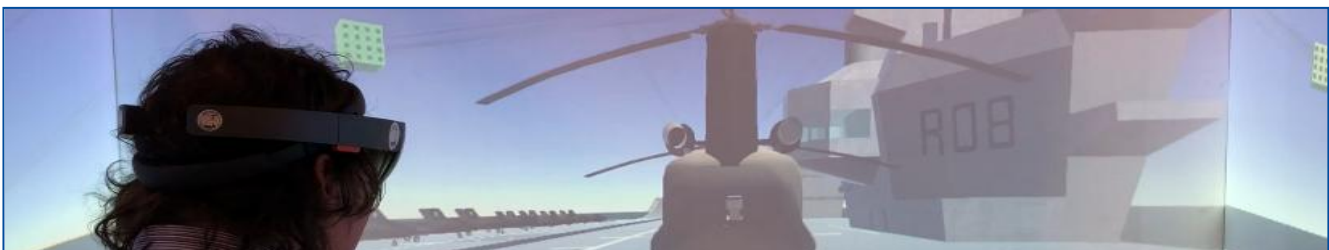
Safety & Security in Critical Infrastructures & Ports as Opportunities for Plant Engineering Seminar presents examples and cases where by innovative methods, engineering techniques and new models it becomes possible to address new challenges in the sector of Critical Infrastructures and Ports.

The seminar presents both real cases and new engineering solutions. **Safety & Security in Critical Infrastructures & Ports as Opportunities for Plant Engineering Seminar** is designed for engineers, technicians and professionals intended to being updated on new Initiatives in these fields.

Safety & Security in Critical Infrastructures & Ports as Opportunities for Plant Engineering Seminar involves experts in Engineering and Modeling from Institutions, Academic Scientists and Technical Experts dealing with most advanced initiatives, new models in these fields of applications; real cases will be presented

Institutions as well as **Big Industries** and Hi-Tech Companies are participating actively to the event to present their points of view on this subject, addressing the different **Risks, Threats** and Challenges, but also proposing **Potential Solutions** and **Ways Ahead**.

Free Attendance to the event and Credits by Ordine degli Ingegneri for Professional Engineers





- 09.50 Registration
- 10.00 Welcome by
Prof.A.Bruzzone, MIPET President and STRATEGOS Council Chair, Genoa University
Prof.Paola Girdinio, President START4.0 and Genoa University
Ing. F. Lombardo, Consigliere nell'Ordine degli Ingegneri Genova & Ing. R.Orvieto, CNI Council
Dott.Sandro Scarrone, Vice Presidente Vicario of Confindustria Genoa & President CETENA
- 10.30 Emerging Challenges in Ports and Extended Maritime Framework
Prof. Agostino Bruzzone, STRATEGOS Chair & Genoa University
- 11.00 Protecting Ports and Critical Infrastructures
Prof.Paola Girdinio, Centro Start 4.0 President
- 11.30 Emergent Needs to face Security and Safety in Ports
Ing.Roberto Orvieto, Council Member CNI
- 12.00 The Terminal point of view in terms of Safety and Security
Cap.Francesco Parodi, HSSE Manager, Sech
- 12.30 Break
- 14.00 Risks in Ports and Critical Infrastructure: The LNG as Opportunity and Challenge
Ing. Tommaso Vairo, Risk Analysis, ARPAL
- 14.30 Solutions from Industry to address Critical Infrastructures Protection
Dott.Mauro Giacobbe, Vice President Strategic Marketing, Security & Infor.System Division at Leonardo
- 15.00 Data Analytics in Ports Protection and to improve Safety
Ing.G.Gambara, Corporate Digital Innovation Director, RINA
- 15.30 Critical Infrastructure Protection and Operation Management
Ing.Roberto Rossi, Sale Support Manager for New Technologies, Thales
- 16.00 Security in Ports
Ing.Maurizio Barabino, Engineering, ABB
- 16.30 Vulnerability Reduction in Logistics Nodes and Transportations
Prof.Gianfranco Fancello, University of Cagliari & Director at CentraLabs
- 17.00 Live Demonstration of ALACRES2 Project for Safety in Ports and Marine Domain
Ing. Kirill Sinelshchikov, Simulation Team
- 17.30 Mixed Realty & Simulation in Marine Domain for Safety and Security
Ing.Riccardo Di Matteo, SIM4Future

Number of CFP: 6

Further details are available at www.itim.unige.it/mipet/ordineingegneri

