



CIISE'16



THE ITALIAN ASSOCIATION ON SYSTEMS ENGINEERING PRESENTS THE SECOND

INCOSE ITALY CONFERENCE ON SYSTEMS ENGINEERING

NOVEMBER 14TH-16TH, 2016
TURIN - ITALY

PROGRAM HIGHLIGHTS

-  4 Keynote Speakers of international relevance
-  15 original Papers from Industry, Academia and Research
-  Introductory Tutorial on Systems Engineering
-  Dedicated session on Technical Leadership
-  INCOSE Italy Workshop by the 3 AISE Working Groups
-  Tool Vendors session
-  Poster Session on Italy Post Graduate Masters in Systems Engineering
-  Guided visit at the Thales Alenia Space Italia laboratories

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PROJECT PERFORMANCE
INTERNATIONAL



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Sector**

PRESENTATION OF THE EVENT

The CIISE'16 Conference aims at offering to researchers, professionals, as well as national and international organizations working on Systems Engineering, the opportunity for interaction, exchange and discussion of respective experiences over which future collaborations and synergies can be built.

Systems Engineering is an interdisciplinary approach and a set of tools enabling the realization of successful systems. It focuses in a holistic, integrated, and simultaneous way, on the understanding of stakeholders needs, exploration of opportunities, traceability of requirements, synthesis, verification, validation, and evolution of related solutions while considering the problem in its complexity, from conceptual exploration to system disposal.

KEYNOTE SPEAKERS

- **Admiral Chief Inspector Osvaldo Brogi, Italian Navy**, Head of General Office for Design of Operating Systems UGEPROGESO. *The lecture includes a presentation of modeling applied to defense systems by C.C. (AN) Nicola Cariello, MARISTAT*
- **John Thomas**, founder and CEO at John A Thomas & Associates LLC, past Senior Vice President and Chief Systems Engineer at Booz Allen Hamilton, President of INCOSSE from 2012 to 2014. His lecture *"Professional Development and Leadership Role of the Future Systems Engineer"* focuses on the development of the role of the Systems Engineer in the next decade.
- **Jan Vollmar, Siemens AG**, Principal Engineer at Corporate Technology, R&D Unit of Siemens AG, will hold a lecture entitled: *"A new approach to master complexity in Model Driven Systems Engineering"*
- **Aurelijus Morkevicius, Object Management Group (OMG)**, Chair of UPDM/UAF group, Head of Solutions Department at No Magic Europe, will lecture on the state-of-art activities to align different Architecture Framework (MODAF, DoDAF, NAF, Zachman, TOGAF) in the definition of the Unified Architecture Framework 1.0

ORGANIZING COMMITTEE

Conference Chair

Ing. Lucio Tirone
(Aster S.p.A.)

Program Co-Chairs

Prof. Alfredo Garro (Università della Calabria)
 Prof. Eugenio Brusa (Politecnico di Torino)
 Prof. Andrea D'Ambrogio (Università di Tor Vergata)

Website and Proceedings Manager

Ing. Andrea Tundis (Università della Calabria)



CIISE'16

www.ciise.it
www.aise-incose-italia.it



TECHNICAL PROGRAM HIGHLIGHTS

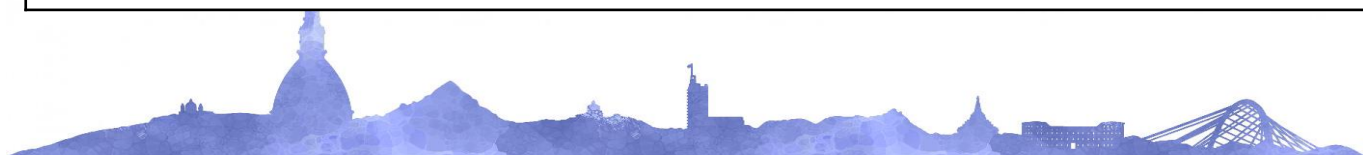
PAPERS PRESENTATION SESSIONS	INTRODUCTORY TUTORIAL ON SE
Four sessions dedicated to the presentation of original papers, selected by the Program Committee.	Introductory session aimed at the presentation of the Conference topics and methodologies.
TECHNICAL LEADERSHIP SESSION	TOOL VENDOR SESSION
Session dedicated to the INCOSE activities related to the promotion of technical leaders to embrace the true spirit of Systems Engineering.	Presentation session over the state-of-art MBSE methods and tools, by the major Tool Vendors.
INCOSE ITALIA WORKSHOP	SE MASTER POSTER SESSION
<p>Session dedicated to the activities of workgroups operating at AISE-INCOSE Italia:</p> <ul style="list-style-type: none"> WG Verification, Validation, and Test WG Operations and Maintenance WG PM and SE Integration 	<p>Poster session on Italy Post Graduate Masters on Systems Engineering:</p> <ul style="list-style-type: none"> University of Rome Tor Vergata (3rd edition from 2013) Distretto Ligure delle Tecnologie Marine (La Spezia)/University of Geneva (2nd edition from 2014)

CLOSING ROUND TABLE DISCUSSION

Discussion over the role of Systems Engineering in the national context, results achieved during the two days Conference, awards for **Best Paper** and **Work Groups Promoters**.

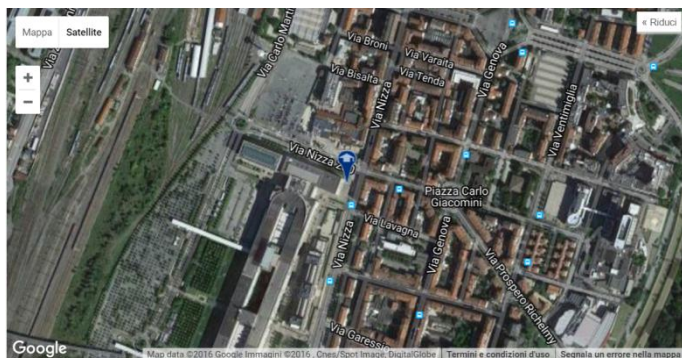
GUIDED TOUR (November 16th, 2016)

- Thales Alenia Space Italia – Visit at the Virtual Reality Laboratory (VR-LAB) and the Robot Area (ROXY) of one of the main Italian industrial players, active in the domains of security, transport, aerospace and defense.



THE VENUE

**Aula Magna Lingotto
 Politecnico di Torino
 Via Nizza, 230 - 10126 TORINO**



HOW TO GET THERE

The Lingotto is just 4 Km from the main railway stations, Porta Nuova and Porta Susa, in the center of Turin. From there it can be reached by subway (direction Lingotto, Spezia or terminal Lingotto stops), or with public bus lines no. 1, 18 or 35.

PRELIMINARY AGENDA

Monday November 14, 2016

08.30 – Registration
 09.00 – Conference opening
morning
 Tutorial Session in Systems Engineering
 2 parallel Workshop Sessions
 Poster parallel Session
afternoon
 2 Paper Presentation Sessions
 18.30 – Day 1 Closing
 20.30 – Social dinner at the Castello del Valentino

Tuesday November 15, 2016

08.30 – Registration
 09.00 – Day 2 opening
morning
 Technical Leadership Session
 Parallel Workshop Session
 Parallel Poster Session
 Paper Presentation Session
afternoon
 Tool Vendors Session
 Paper Presentation Session
 18.00 – Closing Round Table

Wednesday November 16, 2016

09.30 – 12.30 Guided Visit at Thales Alenia Space Italia

