

AIS-ISA Italy CONFERENCE AND EXHIBITION | COINCIDING WITH 4TH ISA EMEA

AUTOMATION INSTRUMENTATION SUMMIT

CONFERENCE PROGRAMME 5-6 JULY



Promoted by AIS-ISA Italy



**Italy
Section**

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WELCOME to the Automation Instrumentation Summit!

There is no future without the past, for this reason we decided to have the summit in a historic place like Castello di Belgioioso of Pavia (Italy), hoping that the conjunction with historical place and the “innovative” technology will be a great incentive for the future.

The first international edition of **AUTOMATION INSTRUMENTATION SUMMIT**, key event for the world of instrumentation, measurement systems and related activities, is scheduled for 5 and 6 July at the historic location of Castello di Belgioioso in the province of Pavia.

Claudio Montresor
AIS President

Ugo Baggi
ISA Italy President

THEMES AND TOPICS

THEME 1 ADVANCES IN CONTROL SYSTEMS

THEME 2 CONTROL AND PLANT COMMUNICATION

THEME 3 THE INDUSTRIAL INTERNET OF THING, 4.0, CYBERSECURITY

THEME 4 INSTRUMENTATION AND ANALYZERS TECHNOLOGY EVOLUTION

THEME 5 BUSINESS AND MANAGEMENT

ADVISORY BOARD

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Covelli Jose, BIFFI AIS

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Diaz-Andreu Francisco, Repsol, Spain

Fetisov Vladimir, St. Petersburg State University, Russia

Florio Gianluca, Technip, President AIS Roma

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Gruhn Paul, ISA - International Society of Automation, USA

Hauet Jean-Pierre, KB Intelligence, France

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Mahrous Mohamed, Egyptian LNG, Egypt

Malavasi Stefano, Politecnico di Milano ISA Italy

Menon Ajay, Telinstra, UAE

Miotto Fabrizia, Tecnimont AIS

Navarra Umberto, Technip AIS

Or Amir, Y.W. Galil Engineering, Israel

Pasqualon Ezio, Tecnimont, Delegate of the ANIMP Automation Section

Pignatiello Enzo, Vice President ISA Italy

Urso Giovanni, AMEC Foster Wheeler AIS

GENERAL INFORMATION

►► Venue Address

CASTELLO DI BELGIOIOSO
Viale Dante Alighieri 3
Phone: +39 0382 969250
Email: info@belgioioso.it
Web: belgioioso.it

►► **Promoted by:** AIS-ISA Italy Viale Campania 31 – 20133 Milano - Tel: +39 02 54123816
event@aisisa.it - www.aisisa.it www.automationinstrumentationsummit.com

►► **Opening time:** Trade exhibition from 9.15 am to 6.00 - Congress from 10.00 am to 5.00 pm

►► Participant Registration

The participant registration will take place at the Reception desk of the Castello di Belgioioso on Wednesday July 5, starting from 9.00 am. The participants who have already registered need only to pick up the badge at the registration desk.

Congress Language: English

►► Speakers

After picking up the badge, speakers will be addressed to the speaker's room where they can test their presentation.

►► Social Programme

Buffet lunches and Open bar.

An open bar and buffet lunches are foreseen during the event days for all registered participants.



SPEAKERS AND MODERATORS

Alferez Canales Francisco Jose, Tetrapak (ISA Spain)

Armesto Jose Ignacio, Universidad de Vigo (ISA Spain)

Baggi Ugo, Baggi

Bardoni Giovanni Mario, SES Asa Enginerring

Bellardo Sergio, Eurocontrolli

Bertazzo Diego, Tecnimont

Bonavita Nunzio, ABB

Brignoli Fabio, Tecnimont

Cardier Brito, Rockwell

Castellano Maurizio, Baggi

Cavalca Flavio, ATEC

Cavina Fabio, Fores Engineering

Crispino Davide, Phoenix Contact

Cupaiole Stefano, Schneider Electric Systems Italia

Curti Stefano, Hilti

De Francesco Maurizio, Emerson Process Management

Easton Colin, Prosalus (UK)

Favalessa Gianantonio, Ital Control Meters

Finardi Matteo, Tecnimont

Folgiero Pierroberto, Tecnimont

Gall Heinz, TUV

Gamba Marco, Schneider Electric Systems Italia

Jenkins Rhys, Servomex

Hamelynck Stef, Precision Fluid

Kähkönen Ville, Metso

Lefler Armando Gonzales, Aplein Ingenieros (ISA Spain)

Malavasi Stefano, Politecnico di Milano

Miotto Fabrizia, Tecnimont

Modena Mario, Donadon

Mols Diederik, I.S.A 100 Wireless Compliance Institute

Montresor Claudio, Tecnimont

Ongetta Leonardo, Rotork

Or Amir, Modcon Systems

Pasqualon Ezio, Tecnimont

Ragno Mario, Endress+Hauser

Rechsteiner Hans Rudolf, Sigrist-Photometer Ag

Reschke Thomas, Honeywell

Romano Daniele, Vega Italia

Rucco Luigi, Alascom Services

Sanguinetti Enrico, ATV HIPPS

Sartori Cristian, Siemens

Shahnovsky Gregory, Modcon Systems

Silvestri Filippo, Page Europa

Silvestri Giovanni, Eurocontrolli

Talsi Jonni, Poyri

Taylor Nick, Emerson Process Management

Vandeput Danny, Emerson Process Management

Veneroni Anna, Simeco

Veronesi Massimiliano, Yokogawa Italy

Vezzola Michele, BMGroup

Zago Gianbattista, Safco

Zilio Andrea, Flowserve

Zucca Francesco, Yokogawa

CONFERENCE PROGRAMME

► Wednesday, July 5, 2017 | Room: SALA STUCCHI

10.00 am OPENING CEREMONY

Welcome speeches: *Claudio Montresor*, President AIS
Ugo Baggi, President ISA Italy
Pierroberto Folgiero, CEO Tecnimont, Milano

Workshop sessions

Chairman: *Ezio Pasqualon*, Tecnimont

10.30 am INDUSTRIAL IOT AND PERVASIVE SENSING – THE PAPER MILL EXAMPLE
Maurizio De Francesco, Emerson Process Management **THEME 3**

11.00 am SECURING DATA QUALITY IN DIGITAL PLANTS AND CONNECTED ENTERPRISE
Brito Cardier, Rockwell Automation **THEME 3**

11.30 am IEC 61508 AND 61511 FOR VALVES - CORRECT VALVE SELECTION
Ville Kähkönen, Metso **THEME 4**

12.00 am SMART MANUFACTURING ENTERPRISE - THE PLANT OF THE FUTURE
Marco Gamba, Schneider Electric Systems Italia **THEME 3**

12.30 am RECENT INNOVATIONS IN CONTROL SYSTEMS TECHNOLOGIES FOR AGILE PROJECT EXECUTION
Massimiliano Veronesi, Yokogawa Italy **THEME 2**

1.00 pm BUFFET LUNCH

Workshop sessions

Chairman: *Diego Bertazzo*, Tecnimont

2.00 pm THE EVOLUTION OF THE MEASUREMENT INSTRUMENTATION FOR THE SAFETY AND EFFICIENCY OF THE PROCESS
Mario Ragno, Endress+Hauser **THEME 4**

2.30 pm FIRE & GAS SAFETY MANAGEMENT SYSTEM
Giovanni Mario Bardoni, SES Asa Enginering **THEME 4**

3.00 pm FOXBORO BY SCHNEIDER-ELECTRIC RENEWED VIEW ON HIGH QUALITY AND INNOVATIVE INSTRUMENTATION
Stefano Cupaiolo, Schneider Electric Systems Italia **THEME 4**

3.30 pm BENEFITS OF CONTROLLING AMMONIA (NH3) SLIP IN COMBUSTION PROCESSES
Rhys Jenkins, Servomex **THEME 4**

4.00 pm QUALITY AND FOOD SAFETY THROUGH CONTROL SYSTEMS
Francisco Jose Alferez Canales, Tetrapack (ISA SPAIN) **THEME 5**

4.30 pm A TRIPARTITE ANALYSIS FRAMEWORK OF CYBERSECURITY THREATS FOR THE INDUSTRIAL INTERNET OF THINGS *Luigi Rucco*, Alascom Services **THEME 3**

» Wednesday, July 5, 2017 | Room: SALA DA BALLO

Workshop sessions

Chairman: *Matteo Finardi*, Tecnimont

- | | | |
|--|--|----------------|
| 10.30 am | EVOLUTION OF RADAR LEVEL MEASUREMENT: SAFETY, RELIABILITY, SAVING, MAINTENANCE AND ENGINEERING SIMPLIFICATION
<i>Daniele Romano</i> , Vega Italia | THEME 4 |
| 11.00 am | THE BENEFITS OF SAMPLE SYSTEM DESIGN RELATED TO THE INTEGRITY AND RELIABILITY OF ON LINE PROCESS ANALYZERS
<i>Fabio Cavina</i> , Fores Engineering | THEME 4 |
| 11.30 am | SIGAS, A SPANISH PROJECT TO OPTIMIZE MEASUREMENT IN THE TRANSPORT NETWORKS OF PRECIOUS FLUIDS, NATURAL GAS
<i>Armando Gonzales Lefler</i> , Aplein Ingenieros (ISA SPAIN) | THEME 4 |
| 12.00 am | WHEN BOUNDARIES DISAPPEAR: HOW INDUSTRY 4.0 IS CAUSING INSTRUMENTATION AND PROCESS AUTOMATION TO BLUR INTO ONE ANOTHER
<i>Nunzio Bonavita</i> , ABB | THEME 4 |
| 12.30 am | MONITORING AND CONTROL FOR EFFICIENT, SAFE AND SECURE PLANTS: BENEFITS FROM THE MULTI-SOURCE INFORMATION SYNTHESIS
<i>Filippo Silvestri</i> , Page Europa | THEME 2 |
| 1.00 pm | BUFFET LUNCH | |
| Workshop sessions | | |
| Chairman: <i>Fabrizia Miotto</i> , Tecnimont | | |
| 2.00 pm | CONTROL VALVE FROM CONTROL LOOP THEORY PERSPECTIVE: A GENERAL OVERVIEW
<i>Anna Veneroni</i> , Simeco | THEME 1 |
| 2.30 pm | GUIDELINES TO SELECT THE FINAL ELEMENTS FOR HIPPS
<i>Enrico Sanguineti</i> , ATV HIPPS | THEME 1 |
| 3.00 pm | CUSTODY TRANSFER METERING SYSTEM FOR NATURAL GAS REFINERY APPLICATION
<i>Flavio Cavalca</i> , ATEC | THEME 4 |
| 3.30 pm | A REVOLUTIONARY DIGITAL CONTROLLER
<i>Leonardo Ongetta</i> , Rotork | THEME 1 |
| 4.00 pm | HYDROGEN SULPHIDE IN WATER DETERMINATION BY ONLINE ANALYZERS
<i>Maurizio Castellano</i> , Baggi | THEME 4 |
| 4.30 pm | SMART GAS DETECTION
<i>Thomas Reschke</i> , Honeywell | THEME 4 |

» Thursday, July 6, 2017 | Room: SALA STUCCHI

Workshop Sessions

Chairman: *Diego Bertazzo*, Tecnimont

10.00 am	INDUSTRIAL SECURITY - PREREQUISITE FOR DIGITALIZATION <i>Cristian Sartori</i> , Siemens	THEME 3
10.30 am	THE DARK SIDE OF INDUSTRIAL INTERNET OF THINGS (IOT) <i>Francesco Zucca</i> , Yokogawa	THEME 3
11.00 am	START UP/SHUT DOWN METHODOLOGY FOR COMBINED CYCLE POWER PLANT <i>Ezio Pasqualon</i> , Tecnimont	THEME 1
11.30 am	RISING STEM BALL VALVE (RSBV) <i>Andrea Zilio</i> , Flowserve	THEME 1, 4
12.00 am	PERVASIVE SENSOR - THE NEW HOLY GRAIL?! <i>Danny Vandeput</i> , Emerson Process Management	THEME 4
1.00 pm	BUFFET LUNCH	

Workshop sessions

Chairman: *Stefano Malavasi*, Politecnico di Milano

2.00 pm	ADVANCED FLOW MEASUREMENT SOLUTIONS FOR CRITICAL APPLICATIONS AIMED TO EPC AND END-USER <i>Gianantonio Favalessa</i> , Ital Control Meters	THEME 4
2.30 pm	HILTI INTEGRATED FLOATING FLOORS: IMPROVING THE DESIGN AND CONSTRUCTION MANAGEMENT OF CONTROL ROOMS <i>Stefano Curti</i> , Hilti	THEME 5
3.00 pm	SAFCO ENGINEERING SM MODULES SERIES <i>Gianbattista Zago</i> , Safco	THEME 1
3.30 pm	INSTRUMENTATION AND CONTROL FOR AN ACID GAS REMOVAL PILOT PLANT <i>Fabio Brignoli</i> , Tecnimont	THEME 4
4.00 pm	INDUSTRY 4.0: NEWS AND TRENDS IN COLLABORATIVE ROBOTICS <i>Jose Ignacio Armesto</i> , Universidad de Vigo (ISA Spain)	THEME 3
4.30 pm	AUTOMATION COMBINED WITH CYBER SECURITY FOR THE INDUSTRIAL PROCESS AVAILABILITY <i>Michele Vezzola</i> , BMGroup	THEME 3

» Thursday, July 6, 2017 | Room: SALA DA BALLO

Workshop sessions

Chairman: Matteo Finardi, Tecnimont

10.00 am	STRUCTURED APPROACH TO SAFETY AND SECURITY FOR INDUSTRIAL APPLICATIONS <i>Heinz Gall, TUV</i>	THEME 3
10.30 am	OIL IN WATER, TURBIDITY AND COLOR MEASUREMENT UPSTREAM & DOWNSTREAM <i>Hans Rudolf Rechsteiner, Sigrist-Photometer Ag</i>	THEME 4
11.00 am	INDUSTRIAL NETWORK RESILIENCE <i>Davide Crispino, Phoenix Contact</i>	THEME 3
11.30 am	EVOLUTION OF RUPTURE DISC MANUFACTURING TECHNOLOGY AND PERFORMANCE <i>Mario Modena, Donadon</i>	THEME 4
12.00 am	JUST HOW VULNERABLE IS YOUR SAFETY SYSTEM <i>Colin Easton, Prosalus (UK)</i>	THEME 3
12.30 am	INDUSTRIAL WIRELESS ENABLING SAFETY <i>Diederik Mols, I.S.A 100 Wireless Compliance Institute</i>	THEME 2
1.00 pm	BUFFET LUNCH	
	Workshop sessions Chairman: <i>Ugo Baggi, Baggi</i>	
2.00 pm	ICS CYBER SECURITY IMPLEMENTATION TO INDUSTRY - THE NEXT GREAT THING OR A REAL NIGHTMARE FOR I&C ENGINEERS <i>Jonni Talsi, Poyri</i>	THEME 3
2.30 pm	WIRELESS GAS DETECTION INFRACTUSTURE AND PLATFORM <i>Sergio Bellardo / Giovanni Silvestri, Eurocontrolli</i>	THEME 3
3.00 pm	WIN-WIN: HELP SALES FOLK MEET THEIR TARGETS AND IMPLEMENT YOUR CORPORATE SOCIAL MARKETING STRATEGY <i>Nick Taylor, Emerson Process Management</i>	THEME 5
3.30 pm	WORKSHOP HIPPS AND INTERLOCKING SOLUTIONS <i>Stef Hamelynck, Precision Fluid</i>	THEMES 1, 4
4.00 pm	REMOTE SENSING FOR PROCESS ANALYSIS AND OPTIMIZATION <i>Gregory Shahnovsky, Amir Or - Modcon Systems</i>	THEME 4
4.30 pm	AWARD CEREMONY: IDEAS 4 AUTOMATIC AWARD <i>Stefano Malavasi, Politecnico di Milano, Claudio Montresor, President AIS, Ugo Baggi, President ISA Italy</i>	
5.30 pm	MEETING WITH THE EXHIBITORS – Closing Report <i>Claudio Montresor, President AIS and Ugo Baggi, President ISA Italy</i>	



►► By plane

arrival at airports Milano Malpensa or Milano Linate – then go to the Milan Porta Garibaldi station (by taxi or public transportation) and get the Shuttle Bus to the Venue (please see the timetable and the plan below).

►► By Shuttle Bus

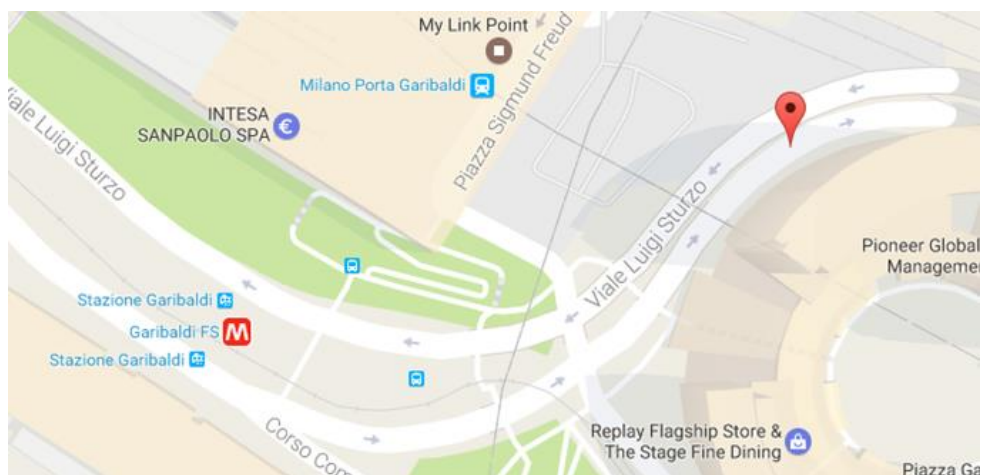
Shuttle Bus from Milano PORTA GARIBALDI Station – Viale Sturzo, 45 near Ex Hotel Executive.

Please contact the hostess on site.

A shuttle bus service is provided for both days starting from 8.00 am

MILANO PORTA GARIBALDI	CASTELLO DI BELGIOIOSO
Partenza - Departure	Arrivo - Arrival
8:00	9:15
8:15	9:30
8:30	9:45
9:00	10:15

CASTELLO DI BELGIOIOSO	MILANO PORTA GARIBALDI
Partenza - Departure	Arrivo - Arrival
15:30	16:45
16:30	17:45
17:30	18:45
18:00	19:15
18:15	19:30



EXHIBITORS LIST

(updated June 5, 2017)

ABB S.P.A.
ACQUAGENDA, GASAGENDA – EDIZIONI AGENDA S.R.L.
AIS ASSOCIAZ. ITALIANA STRUMENTISTI – I.S.A. ITALY
ALPHAACON S.R.L.
ANIMP – ASSOC. NAZ. DI IMPIANTISTICA IND.
APT S.R.L.
ASTM INTERNATIONAL (USA)
ATEC S.R.L.
ATV HIPPS
AUGUSTA SYSTEM INTEGRATION S.R.L.
BAGGI S.R.L.
BANCA POPOLARE DI SONDRIO
CORTEM GROUP - ELFIT S.P.A.
D.F. EDIZIONI - MTM ONLINE
DELTAFLUID (France)
DI PIETRO GROUP
EDITORIALE DELFINO S.R.L.
EDITRICE INDUSTRIALE S.R.L.
EMERSON PROCESS MANAGEMENT S.R.L.
ENDRESS + HAUSER S.P.A.
EUROCONTROLLI S.R.L.
FEAM S.R.L.
FIERAMILANOMEDIA S.P.A.
FIRE WAKE S.R.L.
FORES ENGINEERING S.R.L.
GENERAL INSTRUMENTS CONSORTIUM (India)
GIGA TECH S.R.L.
GRUPPOMEGA S.P.A.
HILTI ITALIA S.P.A.
HONEYWELL
IMI ORTON S.R.L.
ITAL CONTROL METERS S.R.L.
KROHNE ITALIA S.R.L.
METSO ITALY S.P.A.
NG EXHIBITIONS
NUOVA ASP S.R.L.
PAGE EUROPA S.R.L.
PHOENIX CONTACT S.P.A.
POLITECNICO MILANO - DIP.INGEGNERIA CIVILE, AMBIENTALE
PRECISION FLUID CONTROLS S.R.L.
PVI S.R.L.
ROCKWELL AUTOMATION S.R.L.
ROTORK INSTRUMENTS ITALY
SAFCO ENGINEERING S.P.A.
SANCO S.P.A.
SCHNEIDER ELECTRIC SYSTEMS ITALIA S.P.A.
SENSITRON S.R.L.
SERVOMEX GROUP LTD (UK)
SES ASA ENGINEERING S.R.L.
SIEMENS S.P.A.
SIGRIST-PHOTOMETER AG (Switzerland)
SIMECO S.P.A.
SIMECO.SYSTEMS (Bosnia)
SOCRATE S.P.A.
SUPERMEC DOO (Slovenia)
TECNIMONT S.P.A.
TECNOEDIZIONI S.R.L.
TEMAR S.R.L.
TEMI TECNOLOGIE S.R.L.
TERMICS S.R.L.
VALBART S.R.L.
VALVITALIA S.P.A.
VEGA ITALIA S.R.L.
WIKA ITALIA S.R.L.
YOKOGAWA ITALIA S.R.L.

