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

AUTOMATION
INSTRUMENTATION
SUMMIT

CONFERENCE PROGRAMME 5-6 JULY

Promoted by AIS-ISA Italy
Organised and hosted by
Golden sponsor
Main Italy Editor

Under the patronage of
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 (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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**VICE-CHAIR:**
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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 Enginninger
Bellardo Sergio, Eurocontrolli
Bertazzo Diego, Tecnimont
Bonavita Nunzio, ABB
Brignoli Fabio, Tecnimont
Cardier Brito, Rockwell
Castellano Maurizio, Baggi
Cavali Flavio, ATEC
Cavina Fabio, Fores Engineering
Crispino Davide, Phoenix Contact
Cupaiolo 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 PERVERSIVE SENSING – THE PAPER MILL EXAMPLE
Maurizio De Francesco, Emerson Process Management

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

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

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

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

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

2.30 pm FIRE & GAS SAFETY MANAGEMENT SYSTEM
Giovanni Mario Bardoni, SES Asa Engineering

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

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

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

4.30 pm A TRIPARTITE ANALYSIS FRAMEWORK OF CYBERSECURITY THREATS FOR THE INDUSTRIAL INTERNET OF THINGS Luigi Rucco, Alascom Services
**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**  
Daniele Romano, Vega Italia  
*THEME 4*

**11.00 am**  
**THE BENEFITS OF SAMPLE SYSTEM DESIGN RELATED TO THE INTEGRITY AND RELIABILITY OF ON LINE PROCESS ANALYZERS**  
Fabio Cavina, Fores Engineering  
*THEME 4*

**11.30 am**  
**SIGAS, A SPANISH PROJECT TO OPTIMIZE MEASUREMENT IN THE TRANSPORT NETWORKS OF PRECIOUS FLUIDS, NATURAL GAS**  
Armando Gonzales Lefler, 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**  
Nunzio Bonavita, ABB  
*THEME 4*

**12.30 am**  
**MONITORING AND CONTROL FOR EFFICIENT, SAFE AND SECURE PLANTS: BENEFITS FROM THE MULTI-SOURCE INFORMATION SYNTHESIS**  
Filippo Silvestri, Page Europa  
*THEME 2*

**1.00 pm**  
**BUFFET LUNCH**

**Workshop sessions**  
**Chairman:** Fabrizia Miotto, Tecnimont

**2.00 pm**  
**CONTROL VALVE FROM CONTROL LOOP THEORY PERSPECTIVE: A GENERAL OVERVIEW**  
Anna Veneroni, Simeco  
*THEME 1*

**2.30 pm**  
**GUIDELINES TO SELECT THE FINAL ELEMENTS FOR HIPPS**  
Enrico Sanguineti, ATV HIPPS  
*THEME 1*

**3.00 pm**  
**CUSTODY TRANSFER METERING SYSTEM FOR NATURAL GAS REFINERY APPLICATION**  
Flavio Cavalca, ATEC  
*THEME 4*

**3.30 pm**  
**A REVOLUTIONARY DIGITAL CONTROLLER**  
Leonardo Ongetta, Rotork  
*THEME 1*

**4.00 pm**  
**HYDROGEN SULPHIDE IN WATER DETERMINATION BY ONLINE ANALYZERS**  
Maurizio Castellano, Baggi  
*THEME 4*

**4.30 pm**  
**SMART GAS DETECTION**  
Thomas Reschke, Honeywell  
*THEME 4*
Workshop Sessions
Chairman: Diego Bertazzo, Tecnimont

10.00 am INDUSTRIAL SECURITY - PREREQUISITE FOR DIGITALIZATION
Cristian Sartori, Siemens

10.30 am THE DARK SIDE OF INDUSTRIAL INTERNET OF THINGS (IOT)
Francesco Zucca, Yokogawa

11.00 am START UP/SHUT DOWN METHODOLOGY FOR COMBINED CYCLE POWER PLANT
Ezio Pasqualon, Tecnimont

11.30 am RISING STEM BALL VALVE (RSBV)
Andrea Zilio, Flowserve

12.00 am PERVASIVE SENSOR - THE NEW HOLY GRAIL?!
Danny Vandeput, Emerson Process Management

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
Gianantonio Favalessa, Ital Control Meters

2.30 pm HILTI INTEGRATED FLOATING FLOORS: IMPROVING THE DESIGN AND CONSTRUCTION MANAGEMENT OF CONTROL ROOMS
Stefano Curti, Hilti

3.00 pm SAFCO ENGINEERING SM MODULES SERIES
Gianbattista Zago, Safco

3.30 pm INSTRUMENTATION AND CONTROL FOR AN ACID GAS REMOVAL PILOT PLANT
Fabio Brignoli, Tecnimont

4.00 pm INDUSTRY 4.0: NEWS AND TRENDS IN COLLABORATIVE ROBOTICS
Jose Ignacio Armesto, Universidad de Vigo (ISA Spain)

4.30 pm AUTOMATION COMBINED WITH CYBER SECURITY FOR THE INDUSTRIAL PROCESS AVAILABILITY
Michele Vezzola, BMGroup
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
*Heinz Gall, TUV*  THEME 3

10.30 am  OIL IN WATER, TURBIDITY AND COLOR MEASUREMENT UPSTREAM & DOWNSTREAM
*Hans Rudolf Rechsteiner, Sigrist-Photometer Ag*  THEME 4

11.00 am  INDUSTRIAL NETWORK RESILIENCE  THEME 3
*Davide Crispino, Phoenix Contact*

11.30 am  EVOLUTION OF RUPTURE DISC MANUFACTURING TECHNOLOGY AND PERFORMANCE
*Mario Modena, Donadon*  THEME 4

12.00 am  JUST HOW VULNERABLE IS YOUR SAFETY SYSTEM  THEME 3
*Colin Easton, Prosalus (UK)*

12.30 am  INDUSTRIAL WIRELESS ENABLING SAFETY  THEME 2
*Diederik Mols, I.S.A 100 Wireless Compliance Institute*

1.00 pm  BUFFET LUNCH

**Workshop sessions**
Chairman: *Ugo Baggi*, Baggi

2.00 pm  ICS CYBER SECURITY IMPLEMENTATION TO INDUSTRY - THE NEXT GREAT THING OR A REAL NIGHTMARE FOR I&C ENGINEERS  THEME 3
*Jonni Talsi, Poyri*

2.30 pm  WIRELESS GAS DETECTION INFRASTRUCTURE AND PLATFORM  THEME 3
*Sergio Bellardo / Giovanni Silvestri, Eurocontrolli*

3.00 pm  WIN-WIN: HELP SALES FOLK MEET THEIR TARGETS AND IMPLEMENT YOUR CORPORATE SOCIAL MARKETING STRATEGY  THEME 5
*Nick Taylor, Emerson Process Management*

3.30 pm  WORKSHOP HIPPS AND INTERLOCKING SOLUTIONS  THEMES 1, 4
*Stef Hamelynck, Precision Fluid*

4.00 pm  REMOTE SENSING FOR PROCESS ANALYSIS AND OPTIMIZATION  THEME 4
*Gregory Shahnovsky, Amir Or - Modcon Systems*

4.30 pm  AWARD CEREMONY: IDEAS 4 AUTOMATIC AWARD
*Stefano Malavasi, Politecnico di Milano, Claudio Montresor, President AIS, Ugo Baggi, President ISA Italy*

5.30 pm  MEETING WITH THE EXHIBITORS – Closing Report
*Claudio Montresor, President AIS and Ugo Baggi, President ISA Italy*
HOW TO REACH THE VENUE

By car
Belgioioso is situated 10 km from Pavia, 40 km from Milano, 40 from Piacenza, 20 km from Lodi.
The correct address for GPS is Viale Dante Alighieri 3 Belgioioso 27011

Auto Parking: The parking areas are indicated on site. Please follow the indications.
**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

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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
ALPHA CON 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 SONDIO
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 EUROP A 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.
VAL VITALIA S.P.A.
VEGA ITALIA S.R.L.
WIKA ITALIA S.R.L
YOKOGAWA ITALIA S.R.L.