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

Regione Lombardia  Camera di Commercio Pavia  ANIMP  AAIPLA
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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Claudio Montresor, Tecnimont, AIS President

VICE-CHAIR:
David O’Brien, ISA - International Society of Automation, Ireland
Ugo Baggi, BAGGI S.R.L., - ISA Italy President

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Menon Ajay, Telinstra, UAE
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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 Engineering
Bellardo Sergio, Eurocontroli
Bertazzo Diego, Tecnimont
Bonavita Nunzio, ABB
Brignoli Fabio, Tecnimont
Bruntink Gerrit, Schneider Electric Systems Italia
Cardier Brito, Rockwell
Castellano Maurizio, Baggi
Cavalca Flavio, ATEC
Cavina Fabio, Fores Engineering
Crispino Davide, Phoenix Contact
Curti Stefano, Hilti
De Francesco Maurizio, Emerson Automation Solutions
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
Leffler 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 Ezzio, 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, Eurocontroli
Talsi Jonni, Pöyry Switzerland Ltd
Taylor Nick, Emerson Automation Solutions
Vandeput Danny, Emerson Automation Solutions
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 Automation Solutions

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 Enginnering

THEME 4

3.00 pm FOXBORO BY SCHNEIDER-ELECTRIC RENEWED VIEW ON HIGH QUALITY AND INNOVATIVE INSTRUMENTATION
Gerrit Bruntink, 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
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
Thursday, July 6, 2017 | Room: SALA STUCCHI

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 Automation Solutions

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)
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  
*Davide Crispino*, Phoenix Contact  
**THEME 3**

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  
*Colin Easton*, Prosalus (UK)  
**THEME 3**

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

1.00 pm  **BUFFET LUNCH**

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

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

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

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

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

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 14, 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 SONDRIO
BULK S.R.L.
CORTEM GROUP - ELFIT S.P.A.
CROWCON DETECTION INSTRUMENTS
D.F. EDIZIONI - MTM ONLINE
DELTAFIUID (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
NOVACAVI
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)
SOCRAT S.P.A.
SUPERMEC DOO (Slovenia)
TECNIMONT S.P.A.
TECNODEZIONI 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.