AIS-ISA ITALY
AUTOMATION INSTRUMENTATION SUMMIT 2018
co-locate with 5th ISA EMEA

Conference Programme
July 4 & 5, 2018 - Castello di Belgioioso, Pavia - Italy
Welcome to the
AUTOMATION
INSTRUMENTATION
SUMMIT 2018

‘There is no future without the past’ was the leitmotiv of the Automation Instrumentation Summit 2017. This year as well a historical mansion will be the ideal meeting point for people and companies working in the present and projecting for the future.

AIS and ISA Italy, promoters of the event, have chosen the bee logo as a symbol of laboriousness and engagement in order to explain the activity of the two Associations that, working together for the same goal, can develop added value to the sectors instrumentation, automation and control through workshops, study days and conferences. Automation Instrumentation Summit 2018 has been launched with the best premises both for the number and quality of the exhibitors and for the high profile of the speakers who will enrich the event with precious contents.

In order to meet the need of increasing request of exhibition and conference area, two further meeting rooms will be available in the medieval section of the Castle, now completely restored.

We are glad to welcome you again to the Automation Instrumentation Summit on July 4 and 5, 2018!

Diego Bertazzo Matteo Finardi
AIS President ISA Italy President

Claudio Montresor
AIS Vice President
Advisory Board

The AIS-ISA Italy Conference Advisory Board is made up of experts from oil & gas, petrochemical, power, pharmaceutical, steel and water industry. The Advisory Board will meet to evaluate the papers.

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BAGGI Srl, VP elected ISA EMEA D12, Italy

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Hudson Cybertec, The Netherlands
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Politecnico di Milano ISA, Italy
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Giovanni Urso,
Tecnimont, Italy

General Information

Venue Address
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Viale Dante Alighieri 3
Phone: +39 0382 969250
Email: info@belgioioso.it
Web: www.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 to 18.00
Congress from 10.00 to 17.00

Visitor Registration
Visitors are kindly requested to register online at:
www.automationinstrumentationsummit.com/Visitor Registration. Registered participants will receive their badge at their e-mail address before the event.

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

Themes and Topics
Products and systems evolution

Theme 1
Advances in control systems

Theme 2
The Industrial Internet of Things, 4.0, cybersecurity

Theme 3
Instrumentation & analysers technology evolution
**Welcome Speech**
Diego Bertazzo | AIS President, Matteo Finardi | ISA Italy President

**Opening Ceremony**
Pierroberto Folgiero | MAIRE TECNIMONT

**CONFERENCE SESSION**
Chairman: Matteo Finardi | MAIRE TECNIMONT | ISA Italy President

**Keynote speech:** Maria Cristina Messa | UNIVERSITA' MILANO BICOCCA
University and Innovation

**11.00**
Flavio Devide | DELL EMC
The future of Industrial IOT: EdgeX Foundry, the open source interoperability framework

**11.30**
Maurizio Simonelli | ABB
Analyzers Systems 4.0

**12.00**
Przemyslaw Sikorski | EMERSON
Cybersecurity: protect your plant against potential threats

**12.30**
Eleonora Porro | ENEL
Enel Thermal Generation: advanced control system

**13.00**
BUFFET LUNCH

**CONFERENCE SESSION**
Chairman: Matteo Finardi | MAIRE TECNIMONT | ISA Italy President

**14.00**
Max Veronesi | YOKOGAWA
Post fata resurgo: making the control system revamping being bumpless and starting point for new improvements

**14.30**
Michele Ferrante | VSI CONTROLS
A more efficient approach to Control Valve Maintenance

**15.00**
Jack Koeken | PRECISION FLUID CONTROLS
Advanced gas flow measurements in Oil & Gas and Power Industries

**15.30**
Roberto Motta | ROCKWELL
Build a More Secure Process Control System - Manage Threats with a Comprehensive Security Approach

**16.00**
Cristian Moraes | METSO
Oil Refinery applies IIoT for Process Control
Wednesday, July 4, 2018 - ROOM DELL’INCOMPIUTA

CONFERENCE SESSION
Chairman: Diego Bertazzo | MAIRE TECNIMONT | AIS President

11.00
Ole Bredal | AUTRONICA FIRE AND SECURITY
IEC61508 (Functional Safety)
SIL2  How this is relevant to Fire detection systems

11.30
Patrick S. Flanders | ATV HIPPS
“Out-of-the-box” High Integrity Pressure Protection Systems (HIPPS) for
Oil and Gas Wellheads.

12.00
Angelo Caputi | BECKHOFF AUTOMATION
Exceptionally compact and intrinsically safe:
Terminals for explosion protection

12.30
François Charbonneau | ALTRAN
What experiences from other industries
tell us about oil & gas cybersecurity?

13.00
BUFFET LUNCH

CONFERENCE SESSION
Chairman: Diego Bertazzo | MAIRE TECNIMONT | AIS President

14.00
Gianantonio Favalessa | ITAL CONTROL METERS
Creation of combustion efficiency using Kurz thermal mass flowmeters

14.30
Hans Van Nuenen | KROHNE
Analyst Management and Dynamic Quality Measurement

15.00
Arnhold Thorsten | STAHL
New dimensions of explosion protection: How a revolutionary
technology helps to make the flameproof encapsulation fit for Process
Automation Technologies

15.30
Alessandro Guarise, Marco Ciullo | TECHINT
Dynamic simulation: a tool for advanced process control strategies and design

16.00
Josh Ferrara, Claudio Nespoli | XSIGHT by SAIPEM
Industrial Analytics solution for oil & gas

Wednesday, July 4, 2018 - ROOM DEGLI AFFRESCHI

CONFERENCE SESSION
Chairman: Stefano Malavasi | POLITECNICO DI MILANO

11.00
Luca Orazietti, Manuele Mainetti | FORES ENGINEERING
Shelter in place: competence migration from analyzer system to survival modules

11.30
Kumar Pankaj | AEPC, MoPE
Renewable Energy Challenges and Business Opportunities

12.00
Nunzio Bonavita | ABB
Digital Transformation in the measurement business:
evolving from device supplier to data provider

12.30
Daniel Vogt | KROHNE
E-RTTM - State of the Art Leak and Theft Detection

13.00
BUFFET LUNCH

CONFERENCE SESSION
Chairman: Stefano Malavasi | POLITECNICO DI MILANO

14.00
Fabrizio Delledonne | IMI ORTON
Radio Frequency Identification (RFID) as effective tracking system of
goods at site: the experience of IMI ORTON for TengizChevron FGP/
WPMP project

14.30
Paul Basham, Adina Christescu | CROWCON DETECTION INSTRUMENTS
Trends in Gas Detection. Automated Gas Detection. What the Future Holds

15.00
Giacomo Ardizio | TELOS
Gas sampling and analysis for process control

15.30
Lieven Dubois
ISA 18.2 WGB

16.00
David Orr | SAFETY ENG.
Fire and Gas Mapping
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<tr>
<th>Time</th>
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<tr>
<td>10.00</td>
<td>CONFERENCE SESSION</td>
<td>Massimo Manzari</td>
<td>UNIVERSITÀ MILANO BICOCCA</td>
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<tr>
<td>10.00</td>
<td>Keynote speech</td>
<td>Paolo Coletti</td>
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<td>New opportunities for engineering and construction companies in an evolving and challenging scenario</td>
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<td>Federico Mazzanti</td>
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<td>New opportunities offered by digitalization in the engineering Life Cycle</td>
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<td>Giuseppe Iandolo</td>
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<td>Advanced Phase Measurement: designed to reduce process upsets in challenging applications</td>
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<td>Guido Meraviglia</td>
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<td>The importance of regulations in gas detection</td>
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<td>Jan Stefan Michels</td>
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<td>Industry 4.0 – The Evolution of Changing Data into Insights</td>
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<td>Optimizing of Efficiency and Availability in the Process Industry</td>
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<td>Stefano Ricci</td>
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<td>The impact of the ‘Internet of Things’ on privacy, data protection and security</td>
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<td>Vincenzo Penta</td>
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<td>VEGA: A history of developing innovative solutions for the refinery and chemical industries.</td>
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<td>14.30</td>
<td>Ezio Pasqualon, Luigi Calviello</td>
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<td>Compressor control systems standardization</td>
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<td>15.00</td>
<td>Mario Rango, Lorenzo Della Penna</td>
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<td>IIoT in the instrumentation for process unit</td>
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<td>Giuseppe Lettere</td>
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<td>PC-based control for process automation: products for hazardous areas and integration of relevant interfaces</td>
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<td>16.00</td>
<td>Gianluigi Rossi</td>
<td>SAMSON</td>
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<td>SAMSON – Success in Critical Application for Energy and Power Control Systems</td>
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CONFERENCE SESSION - Chairman: Diego Bertazzo | MAIRE TECNIMONT | AIS President

11.00 Mirko Vincenti | BECKHOFF AUTOMATION
Cyber-Physical Protection of SCADA and ICS Systems

11.30 Jean-Nicolas Adami | METTLER TOLEDO
New advances in folded pathlength technology for Process Tunable Diode Laser Absorption Spectrometers (TDLAS)

12.00 Pouriya H Niknam | PIRAMOOM SYSTEM QESHM
Intelligent sonic online flow measurement

12.30 Daniele Romano | VEGA
80GHz technology in process measurement – Experience from the Field

13.00 BUFFET LUNCH

CONFERENCE SESSION - Chairman: Diego Bertazzo | MAIRE TECNIMONT | AIS President

14.00 Ionut Cadar | EMERSON
Corrosion and erosion monitoring system and integrity management perspective

14.30 Massimo Manzari, Andrea Rossetti | UNIVERSITÀ MILANO BICOCCA
A responsible approach to industrial open Ecosystem

15.00 Domenico Capuano | ENI
Cyber Security approach for Critical Infrastructure Protection

15.30 AWARD CEREMONY: Ideas 4 Automation
Chairmen: Stefano Malavasi, Diego Bertazzo e Matteo Finardi

CONFERENCE SESSION - Chairman: Alberto Bellomo | MAIRE TECNIMONT

11.00 Dean Kevin | MSA (c/o Senscient Ltd.)
ELDS Enhanced Laser Diode Spectroscopy Gas detection: the new era of laser open path gas detection

11.30 Alessandro Brunelli
Need for traceability, uncertainty and calibration of measuring instruments in the industrial, environmental and welfare fields: A reference handbook

12.00 Julien Truflandier, Umberto Avanzini | NEXANS
Hypron Technology, a sustainable and innovative hydrocarbon resistance by lead substitution

12.30 Ranjan Bhattacharya
Instrumentation Reliability: A systematic approach

13.00 BUFFET LUNCH

CONFERENCE SESSION - Chairman: Alberto Bellomo | MAIRE TECNIMONT

14.00 Maurizio Castellano | BAGGI
Desalting, Desalters, and salt in crude monitoring in process: an overview

14.30 Paolo Rolando | BROOKS INSTRUMENT
VA Meters are ready to meet the latest communication requirements: Foundation Fieldbus

15.00 Rainer Hoffmann | AS SCHNEIDER / INOX RIVA
Absolutely safe in case of fire

15.30 Enrico Dani | CRISP TECHNOLOGY
Cybersecurity: latest threats in industrial environments and their solutions

16.00 Giovanni Buizza Avanzini | DNV GL – Oil & Gas
OT & IT Cybersecurity as part of integrated operational risk management
HOW TO REACH THE VENUE

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

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

By Shuttle Bus
Shuttle Bus from Milano PORTA GARIBALDI Station – Bus stop 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. Please reserve the bus registering online (see visitor registration chapter).

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EXHIBITOR LIST (update June 2018)

3M
ABB
APT
ARMATURENFABRIK FRANZ
SCHNEIDER
ATV HIPPS - ADVANCE TECHNOLOGY
VALVE
AUGUSTA SYSTEM INTEGRATION
AUTRONICA FIRE AND SECURITY
BROOKS INSTRUMENT
BULK
CONTINENTAL DISC
CRISP TECHNOLOGY
CROWCON DETECTION INSTRUMENTS
DELL EMC
DNV GL
EMERSON PROCESS MANAGEMENT
ENDRESS + HAUSER
EUROCONTROLLI
FEAM
FOREST ENGINEERING
GEORG FISCHER
GIGA TECH
GROTH CORPORATION
HAMLET/ASTAVA
IMI ORTON
IMI REMOSA
IMI STI
IMI TRUFL0 ITALY
IMI Z & J TECHNOLOGIES
INDRA
INOX RIVA
INTERTEC HESS
ITAL CONTROL METERS
KROHNE ITALIA
LIRA
MAXIMATOR ITALY
MB VAVESERVICE
METSO ITALY
METTLER TOLEDO
MICHELL ITALIA
MSA ITALIA
NUOVA ASP
NUOVA FIMA STORE
PARKER HANNIFIN
PRECISION FLUID CONTROLS
R. STAHL
RICHARDS INDUSTRIES
ROCKWELL AUTOMATION
ROTKOR
ROXTEC ITALIA
RTI
SAFETY ENGINEERING
SAFCO ENGINEERING
SAMSON
SENSITRON
SIMECO
SIMECO SYSTEMS
SOCRATE
SPINA GROUP
STRUMENTAZIONE INDUSTRIALE
TECHNOFLOW
TECNIMONT
TERMICS
VALBART
VEGA ITALIA
VSI CONTROLS
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CONFERENCE SECRETARIAT
AIS-ISA ITALY
Viale Campania 31, Milano
event@aisisa.it
Tel. +39 02 54123816

EVENT CONSULTANT
STUDIO REALINI
Bollate/Milano
fiere@studiorealini.it
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