



Italy  
Section



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

# AUTOMATION INSTRUMENTATION SUMMIT



**JULY 5/6 2017**  
CASTELLO DI BELGIOIOSO

**CALL FOR PAPERS**

SUBMIT AN ABSTRACT FOR AIS-ISA Italy CONFERENCE 2017  
ABSTRACT SUBMISSION DEADLINE:  
FRIDAY, APRIL 28 2017



# THE EVENT

The Automation Instrumentation Summit® will take place in Castello Belgioioso (PV) near Milano, Italy on July 5-6, 2017.

The worldwide recession can become an opportunity for us to look at what we have done so far, and identify the best strategies for future improvements.

All relators will have the opportunity to present their papers based on case histories and share common experience with all the other expertise during the AIS- ISA Italy conference and in the meantime the manufacturers will have the opportunity to showcase their product and solutions at the stands of the Exhibition.

## WHY ITALY?

Castello Belgioioso is an historic venue that will let visitors reflect on the great efforts of our predecessors. Italy is the cradle of creativity, from Leonardo da Vinci to Galileo Galilei, Enrico Fermi and Giulio Natta. Italy is also the place where industry leaders like Tecnimont, Saipem, Technip, Techint and Foster Wheeler are located with many Oil and Gas, Petrochemical, Power and Steel plants from all over the world. Many local suppliers have been supporting this international success and they are proud to share their experience and case history of successful projects worldwide with other international and suppliers within the market.

This 2 days conference will provide an excellent opportunity for all to participate in discussions on automation, instrumentation, analyzers, communication, control systems, SCADA, safety, fire and gas, integration and cybersecurity.



# THE CONFERENCE ABSTRACTS

To overcome the recession, the market has to better understand the needs of end users and customers. Through the presentation of case histories, conference attendees will gain knowledge of technological advances in automation and applied process improvements. Key to the success of the conference is not just to inform conference attendees about current technology but to bring awareness on how this technology has been applied in order to improve productivity, quality and sustainability within industry. Abstract submissions should consider: What was the technology need? What was the productivity loss or improvement? How the customer solved the problem? What was the final outcome? Abstracts from end users, consultants, engineering companies and manufacturing companies are welcome in order to share automation knowledge for the mutual benefit of all! Our Advisory Board members of AIS will select authors and presenters that can meet this challenge.

## SUBMIT AN ABSTRACT

**ABSTRACTS MUST BE SUBMITTED BY FRIDAY, APRIL 28 2017**

To facilitate the review of abstracts and selection of potential speakers, please do not delay submission of your abstract, the sooner the better!

Please send your presentation in PowerPoint or pdf format to: **event@aisisa.it**

The main body of the abstract should be between 150 and 300 words and in “understandable” English.

Remember, not everyone at the conference will have your technical expertise, please refrain from using too much technical jargon to enable participants to benefit from your idea, application or experience!

Please note that in submitting your abstract you are indicating your willingness to let us use it before during and after the event.

*Please make sure the author and presenter are identified, and inform us as soon as possible if any changes occur.*

**Note:** Travel and accommodation for presenters is the responsibility of presenters.  
**Remember to indicate:** email, name, surname, company name, telephone and skype address where available.

You will be informed about acceptance of your paper by May 2017.

## THEMES AND TOPICS

### THEME 1: ADVANCES IN CONTROL SYSTEMS

These sessions will present recent developments in control system strategies and advanced control, emphasizing process optimization and assessment of system integration, actuators, valves, energy savings.

### THEME 2: CONTROL AND PLANT COMMUNICATION

Control technologies have witnessed, in the last two decades, a radical evolution in both design and production methodologies. Thanks to the extensive use of digital technologies, the introduction of new and revolutionary communication and sensors' techniques in process plant management and predictive maintenance will increase productivity, quality and reliability.



### **THEME 3: THE INDUSTRIAL INTERNET OF THING, 4.0, CYBERSECURITY**

The Industrial Internet of Things and the 4.0 are revolutionizing the Energy and Process Industry.

Companies are increasingly looking at how to harness their data across their supply chain by connecting their “things” – the people, processes and assets. Huge investments have already been made in technology across operations – now the key is to leverage these investments to create new efficiencies and cost savings. In inviting papers, we would like prospective authors to consider today’s big-data strategies, cybersecurity, real time analytics, HSE and process safety and other advances can be powerful tools in optimizing to make the operations of Energy companies more efficient, more secure and more safe.

### **THEME 4: INSTRUMENTATION AND ANALYZERS TECHNOLOGY EVOLUTION**

Authors are invited to address key instrumentation and analyzers challenges and developments across Energy and Process Industries. Topics will cover diagnostics, health management practices, control system instrumentation, process measurement, signal analysis, condition and reliability based maintenance, process safety, fire and gas systems, test and measurement, failure analysis and prevention, fault detection and more.

### **THEME 5: BUSINESS AND MANAGEMENT**

Speakers are welcome from within and outside the automation and control sector who have insights to share and voice opinions concerning any aspect of the strategic business growth, market trends and forecasts of today’s fast changing automation and control industries. Suppliers are investing a lot of time trying to fulfill all the end users and EPC procedures of qualification. Would be possible to standardized categories and qualification processes? Probably yes!



# ADVISORY BOARD

The AIS-ISA Italy Conference Advisory Board is composed of experts from industries in Oil and Gas, Petrochemical, Power, Pharmaceutical, Steel, Water, and others. The Advisory Board will meet in order to evaluate the papers. Papers will be selected based on technical content and innovation, as well as relevance and quality. Papers presenting case studies of customers / clients success are highly encouraged.

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