



**AUTOMATION
INSTRUMENTATION
SUMMIT 2018**

Call for Papers

July 4 & 5, 2018 - Castello di Belgioioso, Pavia - Italy

AIS-ISA ITALY CONFERENCE AND EXHIBITION



Looking back to the **FIRST EDITION**

The first edition of the **Automation Instrumentation Summit** took place at the **Castello di Belgioioso** (Pavia) on July 5 and 6, 2017. The summit began with a keynote speech by Dr. Pierroberto Folgiero, CEO of Maire Tecnimont and the welcome speeches of Claudio Montresor, President of AIS and Ugo Baggi, President of ISA Italy section which officially started the two days of meetings and debates that took place in an international atmosphere.

More than **40 speakers** presented papers and case studies on the following topics:

- **Advances In Control Systems**
- **Control And Plant Communication**
- **The Industrial Internet Of Things 4.0**
- **Cybersecurity**
- **Instrumentation And Analyzer Technology Evolution**

Official language of the congress was **english**.

Congress delegates met **70 exhibiting companies** presenting their own automation and instrumentation products and services related to oil&gas, petrochemical, power generation and automation sectors.

The first edition of the summit also saw the participation of a working and study group of Italian and Spanish students from high schools, who presented projects related to the automation world. Among the presented projects three have been awarded: Spanish students received the first prize whereas the Italian group won the second prize.

Thanks to the commitment of exhibiting companies, Tecnimont, media sponsors, as well as under the patronage of the Lombardy Region, the Chamber of Commerce of Pavia and industry associations such as ANIPLA and ANIMP we are proud to plan the second edition to be held again in the unique atmosphere of the Castello di Belgioioso on July 4 & 5, 2018.



THE EVENT

Conferences and trade show under one roof



Following the successful premiere in 2017, the second edition of the Automation Instrumentation Summit will take place again at Castello di Belgioioso, in the outskirts of Pavia, on July 4-5, 2018.

The worldwide recession can become an opportunity for our sector to look at what we have done so far and identify the best strategies for future improvements. Speakers will have the opportunity to present their papers based on case histories and share common experiences with the conference delegates.

The conference will once again be closely associated with the Automation Instrumentation Summit show, which will give exhibitors the opportunity to showcase their products and get in touch with new and old customers.

Why a Castle as a venue?

Castello di 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. These companies have built many oil&gas, petrochemical, power and steel plants

around 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 international clients and suppliers.

This two days conference and exhibition will provide an excellent opportunity for everybody to participate in discussions regarding automation, instrumentation, analyzers, communication, control systems, SCADA, safety, fire and gas, integration and cybersecurity in an exclusive and relaxing historical atmosphere.



The Second edition will take place at Castello di Belgioioso, Pavia

THE CONFERENCE

Technology development



To overcome the recession the market has to better understand the needs of end users and customers. Thanks to the presentation of case histories conference attendees will gain knowledge of technological advances in automation and applied process improvements.

Key of the conference success is not only 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 the industry. Abstract submissions should consider:

- ◆ Which was the technological need?
- ◆ Which was the productivity loss or improvement?
- ◆ How the customer solved the problem? Which was the final outcome?

Abstracts from end users, consultants, engineering and manufacturing companies are welcome in order to share automation knowledge for the mutual benefit of all! Our Advisory Board will select authors and speakers who can meet this challenge.

Abstracts will be selected looking after the technical content and the innovation, the relevance and the quality. Papers presenting case studies of customers are highly encouraged.



Key facts 2017

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50 speakers
1000 visitors
70 exhibitors



THEMES AND TOPICS

Products and systems evolution



THEME 1

Advances in control systems

In this session will be presented the recent developments in control system strategies and advanced control, emphasizing process optimization and assessment of system integration, reducing energy and maintenance cost and improve efficiency.

THEME 2

The Industrial Internet of Things, 4.0, cybersecurity

The Industrial Internet of Things and the industry 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”: 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. Prospective authors have to consider

today’s big-data strategies, cybersecurity, real-time analytics, HSE and safety process together with other advances that can be powerful tools in optimizing IoT to make the operations of energy companies more efficient and more safe.

THEME 3

Instrumentation & analysers technology evolution

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



THEME 1

Advances in control systems



THEME 2

The Industrial Internet of Things, 4.0, cybersecurity



THEME 3

Instrumentation & analysers technology evolution

SUBMIT AN ABSTRACT

Abstracts must be submitted by January 31, 2018



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

Please submit your abstract filling in the AIS-ISA ABSTRACT form to:

✉ event@aisisa.it

The abstract, written in english, should be between 150 and 300 words.

When you send the final presentation (we will ask for it in due time) remember that the conference delegates could not have your technical expertise. To enable participants benefit from your idea, application, or experience please explain it in an “easy” language.

All accepted abstract/presentation will be published on the internet. By submitting an abstract the authors/s grants AIS-ISA the right to publish it on the website, in print media and in newsletter.

Please specify the full name of authors and speakers in the abstract form and inform us as soon as possible if any changes occur. Note: travel and accommodation for speakers are not foreseen.

You will be informed about acceptance of your abstract within the end of February 2018.



ABSTRACTS MUST BE SUBMITTED BY JANUARY 31, 2018

✉ event@aisisa.it

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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Organized and hosted by Castello di Belgioioso

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