



**AUTOMATION
INSTRUMENTATION
SUMMIT 2019**

co-locate with 6th ISA EMEA



CALL FOR PAPERS

June 19 & 20, 2019
Castello di Belgioioso, Pavia - Italy



LOOKING BACK TO THE 2018 EDITION

The second edition of the **Automation Instrumentation Summit** took place again at the **Castello di Belgioioso** (Pavia) on July 4 and 5, 2018.

The welcome speeches of Diego Bertazzo, President of AIS and Matteo Finardi, President of ISA Italy section officially started the two days of meetings and debates that took place in an international atmosphere.



The event was opened by **Pierroberto Folgiero**, CEO of Maire Tecnimont, and **Maria Cristina Messa**, Dean of the University Milano Bicocca, who provided a clear and actual overview respectively of the Oil & Gas sector and of the academic world, increasingly looking for effective collaborations with industry for the development of new ideas and opportunities for young talents. **Mauro**

Paganelli of Techint and **Federico Mazzanti** of **XSIGHT by Saipem** opened the second day sessions, providing their own visions regarding the future of the instrumentation world.

More than **60 speakers** presented papers and case studies on the following topics:

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

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

Congress delegates met **71 exhibiting companies** presenting their own automation and instrumentation products and services related to oil&gas, petrochemical, power generation and automation sectors as well as about 20 representatives of the Associations, Media and Universities.

A.I.S. and I.S.A. Italy associations, in collaboration with Stefano Malvasi, Ordinary Professor of Hydraulics at Politecnico of Milan and with Massimo Manzari, Professor of Change Management Master ICT - ICL Bicocca, have also announced the I4A - Ideas for Automation competition, which rewards the ideas and the genius of high school and university students. The competition is the icing on the cake - said the President of A.I.S., Diego Bertazzo. Bringing students to an industry event, comparing them for the first time with the world of adults is a source of pride for us, especially for the high technical level of the proposals they have developed. The winners of I4A 2018 are two sisters, Nicoletta and Isabella Rossi, the finalists Giacomo Ferrarese and Alberto Battaglia. We congratulate them and all our competitors for their commitment and work.



THE EVENT

CONFERENCE AND TRADE SHOW UNDER ONE ROOF

The third edition of the Automation Instrumentation Summit will be hosted at Castello di Belgioioso, in the outskirts of Pavia, on June 19 & 20, 2019

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.

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?**

- **Moreover which was the approach of the customers and of the EPC contractors towards cybersecurity?**
- **There are new professional technicians on the market who can manage the cybersecurity? This new professionalism will come from automation or from ICT?**



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 histories of customers are highly encouraged.

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 safer.



THEME 3

Instrumentation & analyser 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, their prevention and fault detection.



THEME 4

Telecommunication system

Authors are invited to address key issues about Public address system, CCTV systems, Access control, Anti-intrusion system, Telephone network, Radio system, Structured wiring.

Case histories are welcomed.

SUBMIT AN ABSTRACT

Abstracts must be submitted by **January 15, 2019**.

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 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.

All accepted abstract/presentation will be published on the internet. By

submitting an abstract the author/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 2019.



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.

CHAIRMAN

Claudio Montresor, AIS Vice-President, Italy

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Organized by Castello di Belgioioso - Promoted by AIS-ISA Italy