



INDUSTRIAL VALVE SUMMIT

ORGANIZERS

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ITALIAN TRADE AGENCY
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REPORT 2019

**3RD INTERNATIONAL EXHIBITION AND CONFERENCE
ON VALVE AND FLOW CONTROL TECHNOLOGIES**

SUPPORTED BY

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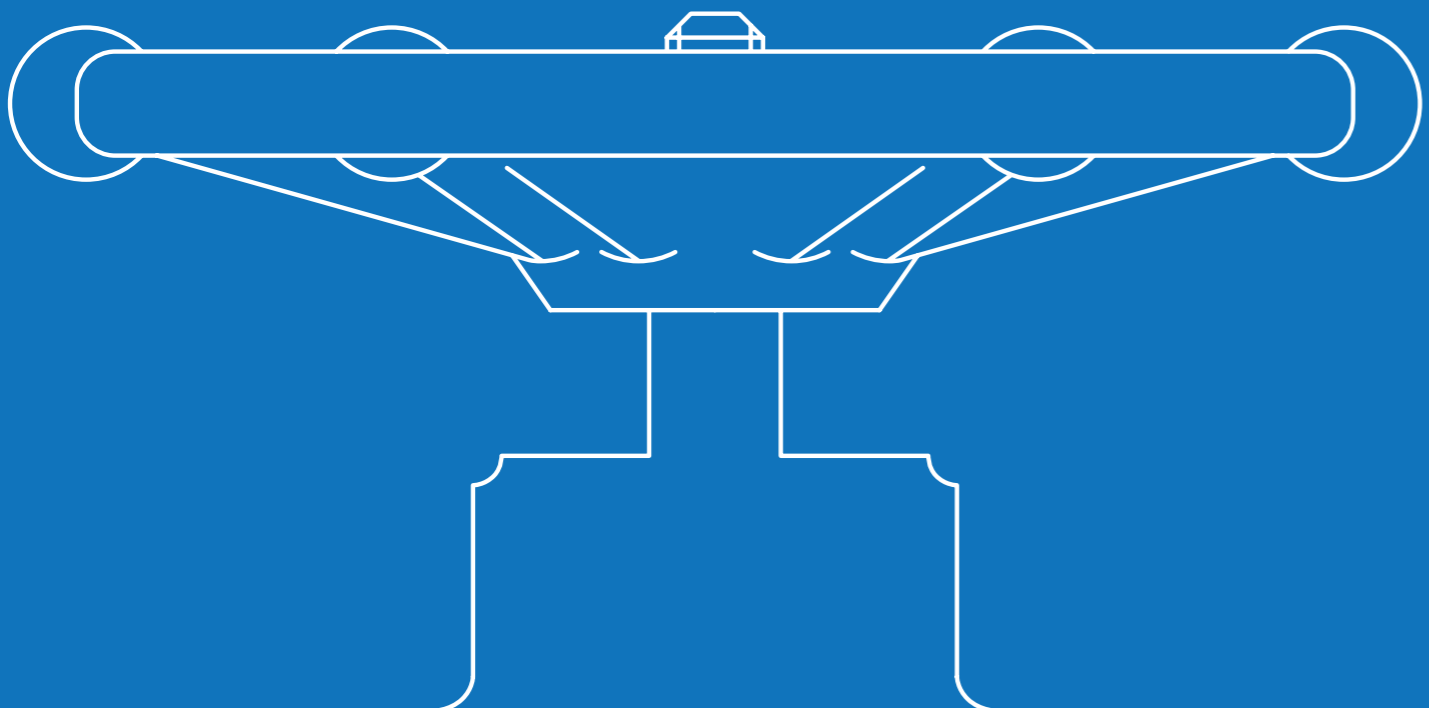

FIGAS


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1 RECORD-BREAKING NUMBERS FOR THE 3RD EDITION OF IVS



The third edition of IVS Industrial Valve Summit was held in Bergamo on May 22nd – 23rd 2019. The Exhibition, promoted by Confindustria Bergamo and Ente Fiera Promoberg, has come to an end with an outstanding number of visitors.

Industrial Valve Summit closes with

10.753

Visitors

+36%

compared to IVS 2017

During the Summit in Bergamo several studies and analyses on the state of art of the valve industry at a national and international level were presented:

- “The Oil & Gas valve industry in Italy” by Confindustria Bergamo and Prometeia
- A market study focused on Russia and United Arab Emirates” by the Italian Trade Agency ICE
- “What are the international Oil & Gas valve user looking for from their vendors?” by the American research company SAI, on the perception of leading consumers towards Italian producers

IVS organizers in collaboration with ANIMA - Association of Italian valve producers - and the Italian Trade Agency ICE, invited business delegations from 30 countries to attend the exhibition. They also took part in B2B meetings with exhibitors.



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2 EXHIBITORS

250+

Regional and International Exhibitors

From **12**

Countries representing the Global Oil & Gas Sector

2

Halls

13.000

Square meters Exhibition Space

EXHIBITORS PROFILE PRODUCTS & SERVICES



3 VISITORS

10.753 visitors

+36% compared to IVS 2017

From **84** countries

+53% compared to IVS 2017



FIELD OF ACTIVITY OF VISITORS

Visitors belonging to almost 40 professional sectors, of which the most important are:

- // End users (Oil & Gas and Petro Chemical Industry)
- // EPC
- // Trading of Valves
- // Engineering
- // Manufacturer of actuators
- // Manufacturer of sealings
- // Manufacturer of forgings
- // Manufacturer of castings
- // Other manufacturers (equipment, instruments, automation)



EXHIBITORS PROFILE

••••• **250+** Exhibitors representing the following sectors:

Valves

Actuators

Piping/Fittings

Gaskets/Sealings Systems

Packaging

Test benches

Flowmeters/Process Transmitters

Instrumentation Equipment

Controllers/Switches/Positioners

Software

Leak Detectors

Casting / Forgings

Mechanical Works

Coatings & Linings

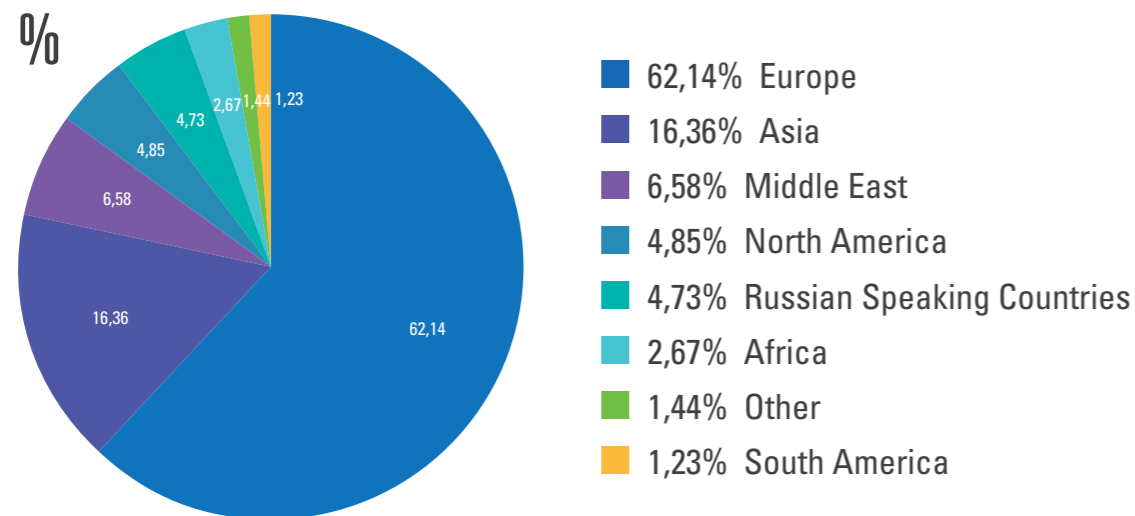
Maintenance Equipment/Service

Lubricants

Inspection/Expediting Services

Education and Training Services

GEOGRAPHICAL DISTRIBUTION OF VISITORS



TOP 15 VISITORS' COUNTRIES OF ORIGIN

- // UNITED KINGDOM
- // GERMANY
- // FRANCE
- // SPAIN
- // CHINA
- // NETHERLANDS
- // INDIA
- // RUSSIA
- // USA
- // UNITED ARAB EMIRATES
- // MALAYSIA
- // NORWAY
- // CZECH REPUBLIC
- // SWITZERLAND
- // ITALY

FOREIGN BUSINESS DELEGATIONS

IVS 2019 Organizers invested in increasing the number of international operators and experts from the leading O&G companies. Collaborations with ICE Italian Trade Agency, ANIMA Association of Italian Valve Producers, MAECI Italian Ministry of Foreign Affairs and International Co-operation and Businessmed have brought delegations from about 30 Countries.

from
30
countries

CONFERENCE THEMES

- 2 Days
- 6 Themes
- 7 Conferences

// THEME 1: ADVANCES IN SAFE VALVE DESIGN, MATERIALS, MANUFACTURING AND COATINGS

This theme is relevant to new perspectives and developments in valve design, materials, castings and forgings, manufacturing processes and surface protection technologies, emphasizing the scientific principles and improvements in corrosion protection and assessment of coating systems.

// THEME 2: VALVE ACTUATION AND CONTROL

This theme is relevant to the current state-of-the-art, which thanks to the increasing adoption of digital technologies and Industry 4.0 approach, is additionally improving the benefits of "smart" techniques, field devices and communication networks in process plant management, also in support of predictive maintenance.

// THEME 3: FUGITIVE EMISSIONS AND VALVE SEALING TECHNOLOGIES

Designers and plant managers have excellent reasons to minimize fugitive emissions in their facilities, by reducing the amount of process fluid released into the atmosphere and surrounding environment. Submitted papers should cover today's monitoring technologies, stem sealing techniques, packing designs and other advances in optimizing valve sealing performance, with reference to applicable national codes and international standards for test and inspection.

// THEME 4: STANDARDS, CODES, LEGISLATION AND QUALIFICATIONS

Papers are requested to address how today's valve standards continue to be dynamic documents that reflect sound engineering practice, regulation compliance, changes in market demands and advances in technology and manufacturing procedures.

// THEME 5: VALVES' LCC, MAINTENANCE AND REPAIRS

Valves' life cycle costing is an important performance, which considers all aspects and costs incurring during the lifetime of product, work or service. The purchase price and the ancillary costs (delivery, installation, insurance, etc.) represent the total cost of ownership, including the operating costs, purchase of spares, repairs and maintenance, as well as the end-of-life costs, for the decommissioning or final disposal phases. Authors are invited to present papers covering these subjects, which are often neglected during engineering and manufacturers' selection procedures.

// THEME 6: END USERS' EXPERIENCE AND LOCAL CONTENT

This theme will offer the opportunity to exchange recent case-studies and experiences and facilitate networking. Local content, appropriate service and after market activities are some of the aspects suggested and authors are invited to present papers to cover these topics.



6 CONFERENCE ADVISORY BOARD

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7 CONFERENCE PROGRAMME

>> 1st Technical Panel Session

Presentation of the first group of best technical papers selected by the IVS 2019 Advisory Board

Wednesday 22.05

>> Workshop on valve standard developments

- 1) **A new End-Users' Recommended Practice on Actuated Valves (AV) assemblies and actuator sizing and selection tool (ASST)**
Presenters and Authors: Henk Hinssen (IHAndl Engineering, NL), Kees Meliefste (Dow Chemical, NL)
- 2) **IOGP JIP33 End Users' Standardization Initiative based on API 6D (ball) and API 600/603 (gate) valves**
Presenters and Authors: Loic Deneuville (Total, F), Tony Smart (Shell, NL)

>> An actionable framework for collaboration in temporal supply chain contexts

University Thesis Presentation by Matteo Bravi (Milan Polytechnic)
Presenters: Matteo Bravi and Guido Micheli (Milan Polytechnic, I)
Authors: Matteo Bravi and Enrico Cagno (Milan Polytechnic, I), Yasmine Sabri (Aston University, UK)

>> IVS VALVEcampus Survey Presentation and Round Table

SAI Report "What are the International Oil and Gas Valve Users looking for from their vendors?"
Presenter and Author: Bruce Deckman (SAI Industrial LLC, USA)

Round Table

Moderator: Sissi Bellomo (Il Sole – 24 Ore Financial Newspaper, I)

Panelists:

- Meshari Al-Otaibi (Aramco Overseas Co. BV, I)
- Maurizio Brancaleoni (VALVEcampus, I)
- Bruce Deckman (SAI Industrial LLC, USA)
- Giovanni Del Serrone (Technip FMC, I)
- Brian Lade (Syn crude Canada, CN)
- Luciano Sanguineti (ATV, I)
- Domenico Sartiano (Maire Tecnimont, I)

>> 2nd Technical Panel Session

Presentation of the second group of best technical papers selected by the IVS 2019 Advisory Board

Thursday 23.05

>> Workshop - Additive manufacturing and 3D Metal printing for Industrial Valves

Introduction and Presentation: "Current Developments on API standard for qualification of additively manufactured metallic materials for use in the Petroleum and Natural Gas Industries"
Carlo De Bernardi (Conoco-Phillips, USA)

How will AM influence valve design and manufacturing?

Presenter: Per Wennersten (Ramén Valves AB, S)
Authors: Bo Joahnsson, Per Wennersten, Rainer Windsein (Ramén Valves AB, S)

Additive Manufacturing: Re-shaping the Oil & Gas Industry

Presenters and Authors: Fabrizio Delledonne (IMI Orton, I), Marco Marcuccio (CMF Marelli, I), Marco Scognamiglio (XSIGHT – Saipem, I)

Additive Manufacturing in Oil&Gas Industries

Presenter and Author: Valeria Tirelli (AIDRO Hydraulics & 3D Printing, I)

Additive Manufacturing Technology for Severe Service valve trim design

Presenter and Author: Michele Ferrante (VSI Controls, I)

Design and qualification of 3D printed parts: new challenges for control valves

Presenter: Sergio Lorenzi (Bergamo University, I)
Authors: Sara Biardino (Turin Polytechnic, I), Fabio Brevi (OMB Valves, I), Sergio Lorenzi (Bergamo University, I)

>> Workshop on Fugitive Emissions Standards Update

"Fugitive Emissions' Standards Update: Change in the F.E. Test Protocols API 622 (API 624-API 641), ISO 15848 and VDI 2440"
Presenter: Manfred Schaaf (AMTECH Messtechnischer Services GmbH, D)

Authors: Manfred Schaaf and Simon Weiler (AMTECH Messtechnischer Services GmbH, D)

"High Performance Elastomers: Answering the Big Questions"

Presenter: Matthew Mitchell (ESA E&PSD, UK)

Authors: Andrew Douglas, David Edwin-Scott, Matthew Mitchell (ESA – European Sealing Association, UK)

8 / IVS 2019 EXHIBITORS', VISITORS' AND SPEAKERS' FEEDBACK

“

It was perfectly organized and I had fruitful business meetings with a number of suppliers. It was so comfortable to be at IVS. Hope to be there next time

”

“

I have to congratulate the IVS team on the successful organisation of the IVS 2019. The arrangements were very well co-ordinated and the event had better coverage and footfall than IVS 2017. I could have met all major valve manufacturers of interest to us under one roof. We are sure this will help us increase our valve sourcing capabilities from Italy

”

“

It was very good opportunity for us to visit the IVS 2019 and Italian factories to understand their production capacities and ranges

”

“

I would like to take this opportunity to thank IVS team on all the assistance during our stay in Bergamo. It was a worthwhile trip to actually being part of the event

”

9 / PRESS COVERAGE

21

Press releases

60

Participating journalists

31

Media partners

185

Articles published

MEDIA PARTNER

10 / IVS EVENTS

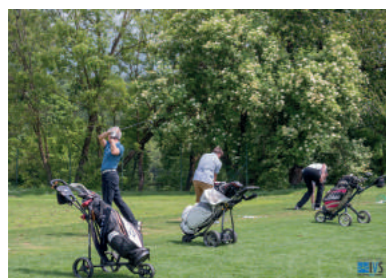
B2B MEETINGS



GALA DINNER



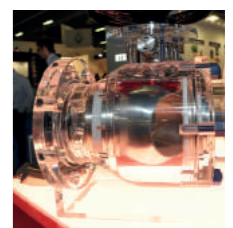
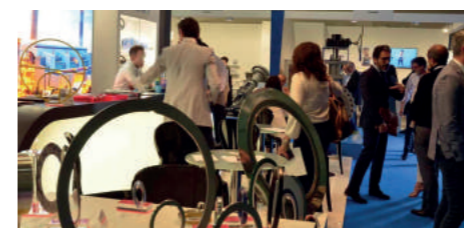
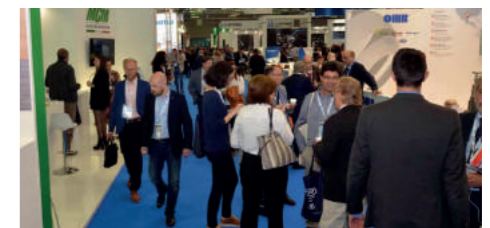
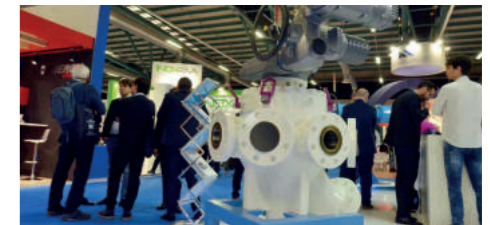
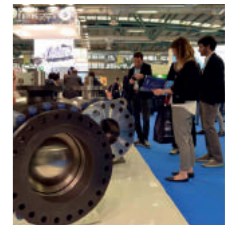
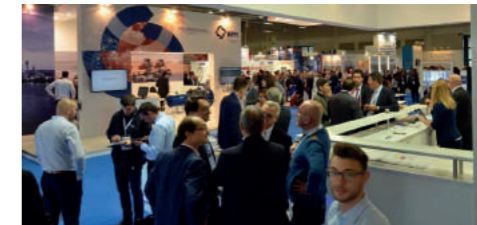
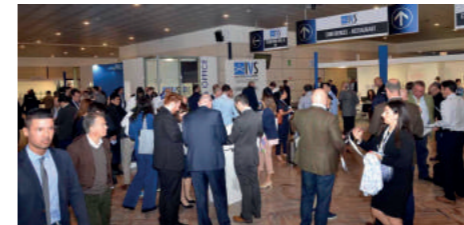
GOLF TOURNAMENT



GALA CONCERT



11 / IVS EXHIBITION



SEE YOU IN 2021



MAY 26TH > 27TH
BERGAMO EXHIBITION CENTRE



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REGISTERED OFFICE:
Via Borgo Palazzo 137 - 24125 Bergamo

HEADQUARTER:
Via Lunga - c/o Fiera Bergamo - 24125 Bergamo
Phone +39 035 32 30 911

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CONFINDUSTRIA BERGAMO

CONFINDUSTRIA BERGAMO
Association of industries of the province of Bergamo
Via G. Camozzi, 70 - 24121 Bergamo

www.confindustriabergamo.it

CONTACT US

info@industrialvalvesummit.com
www.industrialvalvesummit.com



WWW.INDUSTRIALVALVESUMMIT.COM

