

4TH International exhibition and conference on valve and flow control technologies

LEADING THE GLOBAL MARKET FLOW MAY 25th > 26th 2022 BERGAMO - ITALY

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LEADING THE GLOBAL **MARKET FLOW**

Industrial Valve Summit is the leading international event for the Oil&Gas valve technologies and flow control solutions.

A real Information Hub, where you can keep up-to-date with market trends, meet the global key-players, the manufacturing excellence and look for the latest technology innovations.



BY THE INDUSTRY, FOR THE INDUSTRY

Thanks to the combination of high-quality exhibitors and highly focused conferences IVS offers the best opportunities to grow your business.



REASONS FOR CHOOSING IVS 2022

Meet buyers and suppliers of the supply chain

Discover the latest industry innovations and trends in valve design, as well as engineering, construction, operation and maintenance of industrial plants

Learn and share know-how and expertise with professionals and industry specialists



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Present your company, products and services to an exclusive and targeted professional audience



Strengthen your company business image by exhibiting alongside the world's leading manufacturers



Get high-performance corporate visibility thanks to the IVS promotional activities







NS VISITORS 2 DAYS EXHIBITION, ENDLESS OPPORTUNITIES

×VS

Industrial Valve Summit is the meeting place for professionals and decision makers involved in valve technologies and flow control solutions.

The event will connect you with EPC, managers, engineers and designers responsible for specifying, recommending, purchasing, servicing or distributing valves, actuators, controls and related products.

FOREIGN TRADE DELEGATIONS, BUYERS AND B2B MEETINGS

IVS is setting up delegations of International Top Buyers and organizing B2B Meetings with operators and experts of the main Oil&Gas companies and, at the same time is creating strategic partnerships with the most important industry and governmental associations.

WHO VISITS? IVS VISITORS PROFILE - Breakdown: ATTENDING IVS - INDUSTRIAL VALVE SI

ATTENDING IVS — INDUSTRIAL VALVE SUMMIT GIVES YOU THE OPPORTUNITY TO SHARE KNOWLEDGE, EXPERIENCE AND IDEAS WITH OTHER LEADING INDUSTRY ASSOCIATION AND GOVERNMENTAL ORGANIZATIONS INVOLVED IN:

- » Software
- » Casting & Forgings
- » Maintenance Equipment Service
- » Inspection Expediting Services
- » Cement
- » Food & Beverage
- » Mining
- » Oil & Gas Distribution Transmission
- » Petroleum Refining
- » Power Generation & Co-generation
- » Water and Waste-water
- » Leak Detectors
- » Coatings & Linings
- » Lubricants
- » Education and Training Services
- » Chemical
- » Marine & Shipping
- » Nuclear Power
- » Petroleum Production
- » Pharmaceutical, Biotechnology
- » Steel
- » Pulp & Paper
- » Engineering and Construction
- » Consulting
- » Gas production



ORGANIZERS:

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INDUSTRIALVALVESUMMIT

IVS 2022 EXHIBITORS

ALL SOLUTIONS IN ONE PLACE

Attending IVS gives you the opportunity to discover the latest technological innovations, find the highest quality products and meet the internationally recognized excellence of valve manufacturing.

IVS represents a unique chance to expand the knowledge on Oil&Gas industrial valves, thanks to a highly specialized conference programme.

EXHIBITORS BUSINESS ACTIVITY

>> Valves	>> Act
>> Pipes/Piping/Tubing/Fittings	>> Pac
≫ Test benches	≫ Flov
>> Instrumentation Equipment	≫ Con
>> Software	» Lea
>> Casting & Forgings	≫ Coa
>> Maintenance Equipment Service	» Lub
Inspection Expediting Services	≫ Edu

NEWS 2022: A NEW PAVILION!

4

The brand new 4.000 sq.m Pavilion will give you the opportunity to meet a higher number of interesting exhibitors of the entire Oil&Gas supply chain. **ORGANIZERS:**

PROMOBERG

About 300 REGIONAL AND INTERNATIONAL EXHIBITORS

from 13 Countries

uators kings/Gaskets wmeters, Process Transmitters ntrollers, Switches, Positioner k Detectors atings & Linings oricants ucation and Training Services



IVS 2022 CONFERENCE THEMES **AND TOPICS**

IVS 2022 has renewed its partnership with VALVE **CAMPUS** to promote the diffusion of technical knowledge among the stakeholders of industrial valves and components.

A rich program of events and conferences has been designed for the fourth edition of the event, discover the themes and topics:



THEME 1: ADVANCES IN SAFE VALVE DESIGN, MATERIALS, MANUFACTURING, COATINGS AND FOCUS ON ADDITIVE MANUFACTURING

This theme will cover new perspectives and developments in on-off / control valves' and safety devices' design, materials, castings and forgings, manufacturing processes, coatings and corrosion protection technologies. Contributions and case studies on fire testing and valve applications on hydrogen production development will also be appreciated. A specific focus will also be included to cover case-studies and developments foreseen in the valve industry, thanks to the use of metallic parts additive manufacturing (AM) or 3D printing technologies, with relevant materials' and final products' certifications.



THEME 2: VALVE ACTUATION AND CONTROL

The impact of digitalization in plant design and management, particularly in the O&G sector, is improving the implementation of "smart" technologies, amplified by the intense and increasing use of reliable field devices and safe communication networks, in support of predictive maintenance and process optimization. Valve actuation and control technologies are the main drivers and Authors are invited to bring their contributions and expectations



THEME 3: FUGITIVE EMISSIONS AND VALVE SEALING TECHNOLOGIES

Valve designers and plant operators have excellent reasons to minimize fugitive emissions in their facilities, by reducing the amount of process fluid released into the atmosphere and surrounding environment. 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 tests and inspections.



THEME 4: INNOVATION, EMERGING TECHNOLOGIES, AND FUTURE **SCENARIOS**

Technological development is perhaps the most fundamental and influential driving force of the 21st century, even though it is often difficult to predict timing, pace, and impact. Due to the Global Warming the demand for H2 and LH2 will rapidly increase. In different parts of the world they are being built or planned many H2 and LH2 production plants also using existing technologies and the large experience of the LNG industry. An in-depth study is needed to understand the impact on the fitting components and in particular on the Industrial Valves required by the H2 plants. These new technologies will create new opportunities and businesses, as well as new ways to handle existing challenges: the entire Valve Industry and its stakeholders are ready for this stimulating task.



THEME 5: INTERNATIONAL STANDARDS, SUPPLY SPECIFICATIONS, LEAN DOCUMENTATION MANAGEMENT AND REMOTE INSPECTION **TECHNOLOGIES**

Large-scale projects, with complex international supply chains, rely on vendors and suppliers all over the world, with proper common and widely used Standards, Supply Specifications and Documents' review cycle, fully endorsed and accepted by End Users and EPCs. Comparison between existing international standards and current developments of commonly adopted specifications (e.g. IOGP-JIP33), strongly required by End Users and EPCs, will also find a proper space for open discussions and presentations. Lean documentation management will be one of the key elements for success. An additional area will be dedicated to new forms of factory tests, including reliable real-time data transmission (audio, video, documents and images) with visual co-witnessed or customer remote operated assessments and inspections, which will reduce drastically wait-times, traveling costs and will maintain business continuity, thanks to the new use of Remote Video Inspections.

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IVS 2022 CONFERENCE PROGRAMME

Tuesday 24.05	>>	Roundtable "The role of hydrogen in the new	
18:00 - 19:30		decarbonization scenarios"	
Ground Floor		Moderator: Paolo Mutti – Project Leader Hydrogen Innovation Report, Energy & Strategy - Politecnico di Milano	
Caravaggio Room		Omar Bedani – Manager of Commercial Operations Fired Heaters, Global hydrogen and Technology – Wood	
		Giacomo Lovino – Purchasing Group Leader & Category Manager – Maire Tecnimont	
		Michel Ronchini – Senior Manager Onshore/Offshore Piping and Valves – Technip Energies	
		Giovanni del Serrone – Director – Technip Energies	
		Paolo Carrera – New Energies Head of Commercial and Tendering – Saipem S.p.a.	
		Jacopo Zanetti – Business Development Manager Hydrogen	
		Energy — Air Liquide David Greeson — Project Director — NRG Energy	
		David Greeson Project Director Pine Energy	
Wednesday 25.05	>>	THEME 1 - Advances in safe valve design,	
10:30 - 12:30		materials, manufacturing, coatings and focus on additive manufacturing	
First Floor		Moderator: Carlo de Bernardi – ConocoPhillips (USA)	
Room 1		a) Selection and Application of Nickel Aluminium	
		Bronze Isolation Valves Shiphamvalves – United Kingdom – Nick Gray	
		b) Castings Production of Sdss with high wall	
		thicknesses Fondinox S.p.a. – Italy – Matteo Bosatra, Alberto Morini, Simone Volpi	
		c) A new equation for flow through surface choke valve	
		in digital field calculations Polytechnic of Milan – Italy – Giambattista De Ghetto	
		Valvitalia S.p.a. – Italy – Pierpaolo Mandolesi	
		d) Implications of Robotic Process Automation and Machine Learning: RFQ Process in Industrial Valve	
		Market Industrial Data Labs – USA – Martin Dytrych	
		e) Circular Economy in the O&G Industry for Additive	
		Manufacturing of metal parts F3nice and Valland S.p.a. – Italy – Luisa Elena Mondora	
		i Jilice allu vallatiu J.p.a. – Italy – Luisa Liella ivioliu01d	

a) The integrated valve information device for emergency shutdown valve Imtex controls – United Kingdom – Paul Turner LGM Engineering – Italy – Andrea Gironi Score Group – United Kingdom – Dave Anderson >> THEME 3 - Fugitive emissions and valve sealing technologies Moderator: Christian Reynes - Total Energies (France)

a) A systematic approach for pre-validation of polymer spring-energised seals for critical valve applications Omniseal Solutions – Belgium – Philippe Burlot

Cryogenic Conditions Victrex – Italy – Christian Salvatori

c) Emissions Elimination - Why "Reduce" Emissions when you can "Eliminate" them? Score Group – United Kingdom – Dave Anderson

d) Valves role on environmental protection Ved-Coemi – Italy – Nicolai Tasca

e) Semi-dynamic metal sealing: base theory and examples of valve applications Technetics Group – France – Laurent Guimet

f) Comparative study between IOGP and ISO valve fugitive emissions requirements CETIM – France – E. Sauger, J. Leray Total Energies – France – L. Deneuville

Paris S.r.l.

Wednesday 25.05

10:30 - 12:00

First

Floor

Room 2

>> THEME 2 - Valve actuation and control

Moderator: Umberto Navarra – Technip Energies Italy (Italy)

b) The Convergence of IIoT, Data Analytics and Asset Integrity Management / Reliability in the Valve Industry

b) VICTREX CT[™] Polymers for more Reliable Seals in

>> Workshop - Polyurethane seals for the valve industries

Istvan Robert Hajzer – Division Manager for SealFluid – FP-F.IIi



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Initial Moderator: Ron Menick – Consultant, Retired from Fluor Enterprises (USA) 10:30 - 11:10 applications on complex val Room 2 a) Material Selection for Valves in H2 environment Valland S.p.a. – Italy – Alex Giorgini Ground S.p.a. – Italy – Alex Giorgini Ground Simone Mandelli – General MA Caravaggio Room a) Developed solutions for valves in different hydrogen applications Defrom – Italy – Macro Sparisci Thursday 26.05 >> Workshop - Case study on 11:10 - 11:50 giovanni Bettaga – Chiel Techn Floor Giovanni Bettaga – Chiel Techn Floor Giovanni Bettaga – Chiel Techn Floor Wednesday 25.05 >> THEME 5 - International standards, supply specifications, lean documentation management and remote is pecifications, lean docum management and remote is pecifications, lean docum management and remote is pecifications. Jean docum management and remote is pecifications, lean docum management and remote is pecifications. Jean Moderator: Ugo Omezzaro – The Nathel Cenemini Not HEME 5 - International standards or valves quality Number 10 Moderator: Ugo Omezzaro – The Nathel Cenemini B) How smart industrial companies can unlock productivity safety with augumented reality Number 10 Moderator: Ugo Camba – Haly – Neitei Bars – Oher Managing Supply Chain Management Sub Camba – Lalay – Neitei Sub Sub Camba – Haly – Neitei Sub		>>				
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tive manufacturing and digital lity for the energy sector

President & Ceo – Aidro

Manufacturing Industry Lead –

l Centre of Excellence – Equinor ager Supply Chain-Shell nufacturing Lead – TotalEnergies

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chnical Officer – Solvo srl Manager – Solvo S.r.I.

on Valves Subcomponents

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standards, supply imentation inspection technologies

- Tetra Technologies (Italy)

End User Experience

ion – Hatim Allhamdan, Chief

nagement System roleum and Natural Gas

similiano Gamba Italy – Riccardo Zamboni

ecification for valves, main

similiano Gamba

its for functional safety rdization urgently needed! KG – Germany – Joerg Isenberg

equipment for oil & gas untries, Saudi Arabia, Kuvvait,

Russia – Valeria Vinogradova,







IVS 2022 ADVISORY BOARD

IVS 2022 Advisory Board will be made up of key experts representing the major stakeholders of the O&G industry.

The Advisory Board will be in charge of the abstracts evaluation and selection on the basis of: quality contents, focus on industrial application and consistency with the topics.

The best and most innovative papers will be formally presented during specific conferences at IVS 2022.

Maurizio Brancaleoni CHAIRMAN

Bader M. Al-Jarallah SAUDI ARAMCO (KSA)

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Ron Merrick FLUOR ENTERPRISES (USA)

Umberto Navarra TECHNIP ENERGIES (ITA)

Ugo Ormezzano SPE ITALY SECTION (ITA) **Courtney Rau** CHEVRON (USA)

Christian Reynes TOTAL E&P (FRA)

Domenico Sartiano MAIRE TECNIMONT (ITA)

Emmanuel Sauger CETIM (FRA)

Pietro Scalvini SAIPEM (ITA)

Trace C. Scrivner EXXON-MOBIL (USA)

Ivan Ter-Mateosyants NPAA (RU)

Valeria Tirelli AIDRO (ITA)

Wojciech Zmudzinski BP AMERICA (USA), I.O.G.P.

IVS 2022 HIGHLIGHTS

THE EVENT BEYOND THE EVENT

A rich programme of events with players and stakeholders of the Oil&Gas industry will maximise the exhibitors' business activities, create a lot of networking business opportunities and improve the visiting experience, both during and after the exhibition.



OF THE FUTURE IVS introduces young students to the valve industry through company visits, educational projects, scholarships and much more.





ORGANIZERS:

PROMOBERG

IVS YOUNG: OIL&GAS PROFESSIONALS

GOLF TOURNAMENT AND GALA DINNER

Special private side events are planned for exhibitors during IVS 2022, such as a Golf Tournament, the Gala Dinner and other cultural events. A unique and exclusive occasion to deepen professional and personal relationships and to spend pleasant moments.

IVS SIDE EVENTS

Other side events run by IVS Exhibitors and by Bergamo Town



IVS EXPERIENCE

"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."

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



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." "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."



IVS AND ITS Surroundings

AN EXHIBITION IN THE HEART OF ITALIAN CULTURE AND TRADITION

IVS IS THE PERFECT MIX OF INTERNATIONAL BUSINESS AND ITALIAN HOSPITALITY. TWO DAYS OF EXHIBITION AMONG THE BEAUTIES, TREASURES AND TASTES OF THE ITALIAN TRADITION.

DISCOVER BERGAMO 🔍

Bergamo is a wonderful city with a medieval heart, perched on a hill and encircled by the imposing UNESCO World heritage Venetian Walls.

Surrounded by lakes and mountains, Bergamo is fascinating for its history, culture, food and landscape.

Moreover, its position is strategic to easily reach the most beautiful Italian destinations like: Milan, Garda Lake, Franciacorta, Verona and Venice.



ORGANIZERS: CONFINDUSTRIA BERGAMO PROMOBERG





ORGANIZERS

PROMOBERG

FLOORPLAN



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