



Valve World Americas Expo & Conference 2013

George R. Brown Convention Center, Houston
June 25th & 26th, 2013



Valve World Americas returns in 2013

If you have an interest in valves, you'll want to come to Texas for the second Valve World Americas conference, to be held on June 25th-26th, 2013 in Houston. Whether you are an end user, an engineering contractor or consultant, a distributor, a manufacturer or supplier, there will be something for you here. Especially if you're an up-and-coming individual ready to solidify your career, this is the place for you. We'll provide opportunities for you to network and expand your horizons.

In 2011, the first Valve World Americas conference, was wildly successful, due no doubt to the familiarity that so many have had with the Valve World conferences in Europe and in China. To accommodate the expected growth for this year's meeting, we will be moving to a larger venue in the heart of downtown Houston, the George R. Brown convention center. Easily reachable by car, light rail or on foot from major downtown hotels, this conference should have everything for you.

The conference features workshops on current hot topics such as material selection, fugitive emissions, fitness for service, updates in cryo technology, unconventional energy, and others. Each day we will have keynote presentations and of course the Valve World Expo, running in parallel with the conference. Conference participants will have plenty of time to visit the Expo and make contacts with the manufacturers who are exhibiting. If you're coming from out of town or from around the world, you can't fail to note the concentration of valve specialists who call Houston home, who will be at the conference and eager to meet you.

On behalf of the Steering Committee, we invite you to Houston and look forward to seeing you there!



Ron Merrick, Fluor Enterprises Inc
(Chairman)



Claire Dwyer, Fluor Enterprises Inc
(Co-Chair)

The Valve World Americas Steering Committee

Glen Beal, WorleyParsons
Ray Bojarczuk, ExxonMobil Research & Engineering
Christian Borrmann, Valve World
Amaro Bustamante, Aramco Services Company
Steve Butler, Shell
Ralph Chaney, MRC
Salvatore Cimorelli, DuPont Engineering
Richard Davis, Flexitallic LP
Claire Dwyer, Fluor Enterprises Inc.
John Gill, Bayer Business & Technology Services
Rajan Hingoraney, Aramco Services Company
Henk Hinssen, iHandl Engineering
Richard Hodgson, Bechtel
Barrie Kirkman, Consultant
Ron Merrick, Fluor Enterprises Inc.
Tom Mitchell, Messe Düsseldorf North America
Marie Murphy, Exelon
Nitin Parekh, Chevron Energy Company

Bill Patrick, Dow Chemical Company
Charles R. Pogue, Velan Valve Inc.
Piotr Pojedynek, GE Energy
Rich Redilla, Bray International, Inc.
William S. Sandler, VMA Valve

Manufacturers Association
Richard Santucci, Pentair Valves & Controls
Tony Smart, Shell
Aneta Stephens, Crane ChemPharma Flow Solutions
Tom Stovall, Emerson Process Management



Preliminary Conference Program for Valve World Americas 2013

George R. Brown Convention Center, Houston, June 25th & 26th, 2013

Valve World Americas Expo 2013

Valve World Americas Expo 2013 will bring the world's leading valve companies and the end-users from the process industry together. More than 100 companies will be presenting their newest products and latest services. The main focus of the exhibition will be on the large and important valve markets of North and South America. The exhibition will be held in conjunction with the Valve World Americas Conference 2013. This combination will bring the best of the most important areas (valve companies, EPCs and end-users) together to strengthen relationships, meet existing and new customers, and exchange ideas and opinions face-to-face. For more detailed information about the Expo, please visit the Valve World Americas Expo 2013 website at

www.valveworldamericas.com/vwam2013

07:30 AM Conference Breakfast

Tuesday, June 25th, 2013

08:30 AM	Plenary 1	Chairmen's welcome – Ron Merrick and Claire Dwyer, Fluor
09:00 AM	Plenary 2	The Skills Crisis in Piping Design – Dr. William Beazley, SPED
09:30 AM	Plenary 3	Performance Testing Requirements for Air Operated Valves in the Nuclear Industry – John Price, South Texas Project Nuclear Operating Company

10:00 AM Expo & Coffee break

10:30 AM	Workshop Introduction to HIPPS Room 310D	Workshop Fugitive Emissions Room 320A	Workshop Valve Trim Material Awareness Room 310E	Workshop Effective Engineering Valve Tools Room 310F
	<p>Moderators: Amaro Bustamante - Aramco Services & Pieter Kok - Pentair</p> <p>Panel: Joe Pittman – Chevron, Ian Ramsay Connell – Yokogawa, Patrick Flanders – Saudi Aramco, Kevin Jackson – Mogas, Rens Wolters - Moksvel, Ed Wallis - BEL Valves</p> <p>Description: Worldwide we see a growing interest in the use of Safety Instrumented Systems. In the upstream and midstream section of the oil & gas industry more often High Integrity Pressure Protection Systems are installed to protect the installations. What are the effects on the total installation and what is the impact HIPPS has on the total safety and the environment. Knowing and understanding the consequences of using a HIPPS should HIPPS become more used as overpressure protection in lieu or in addition to conventional safety relief valves.</p>	<p>Moderator: Steve Butler – Shell, Rich Davis – Flexitallic LP, Bill Patrick – Dow Chemical</p> <p>Panel: Matt Wasielewski – Yarmouth Research & Technology LLC, Carlos Girao - Teadit, Mitch Copeland - United Valve, Dan DeVine - Dow Chemical</p> <p>Description: Discussions covering API-622, API-624, Fugitive Emissions Testing of Packing / Gaskets and assembled valves along with the current and future approach of the Environmental Protection Agency's expectations of 5 year minimum performance and allowable emissions.</p>	<p>Moderator: John Gill - Bayer Business and Technology Services LLC</p> <p>Panel: Ron Manson - Cameron, Rich DeBuck - KSB-Amri Inc, Mark Fucich - FC Tech, Ron Merrick - Fluor Enterprises, Mirek Hubacek - Velan Valve Corporation, Carlos Davila - Crane, Rob Enneking - Crane</p> <p>Description: Valve performance is dependent on both the mechanical design of the valve and the materials of construction. Much design attention is often focused on the primary pressure containing parts of the valve, but frequently the valve's internally wetted parts are not given the attention they require. This workshop will provide insight into the material selection for valve trim, including components such as stems, springs and pins. The goal of this session is to provide the end-user with an understanding of the material options and design considerations for service applications.</p>	<p>Moderator: Henk Hinssen - iHandl Engineering</p> <p>Panel: Andreas Vogt - FIRST GmbH, David Gibson - Aveva, Kevin Jackson - Mogas</p> <p>Description: Control valves are key contributors to the instrumentation unreliability in our process plants and a cause of substantial cost. Root cause analysis revealed that high performance valves are higher contributors to unreliability than "standard" valves and the dominant reason for this unreliability stems from a Less Than Adequate (LTA) sizing & selection process. This workshop is intended to discuss and identify effective engineering valve tools that identify the "high performance" valves during the FEED stage, interface bi-directionally in batch mode to IDDS (instrumentation design & documentation system) tools, calculate the thermodynamic properties necessary to address valve flow phenomena like incipient and severe cavitation, flashing, choked flow, etc. and yield reliability indicators over the full valve working range.</p>

12:30 PM - 2:00 PM Lunch and Expo visit (incl. drinks and snacks after 4:00 PM)

REGISTER ONLINE WWW.VALVE-WORLD.NET/VWAM2013

07:30 AM Conference Breakfast

Wednesday, June 26th, 2013

08:30 AM	Plenary 4	Outlook on Energy – David Khemakhem, ExxonMobil
09:00 AM	Plenary 5	Future of the Energy Industry – Dr. John Felmy, API
09:30 AM	Plenary 6	Coal to Natural Gas repowering: major implications in terms of valve replacement and infrastructure overhaul for repowering of power plants – Roger Turley, Crane

10:00 AM Expo & Coffee break

10:30 AM	Workshop Fit for Purpose (FFP) Valves Room 310F	Workshop Casting Fitness for Service Room 310E	Workshop Updates in Low Temperature & Cryo Technology Room 310D
	<p>Moderator: Henk Hinssen - iHandl Engineering</p> <p>Panel: Andreas Vogt - FIRST GmbH, Richard Harvey - Norgren, Duke Tran - Mogas, Eric Fillion - Metso, Mike Dennis - Bifold, Ryohei Furuta - Kitz, Don Muske - Emerson</p> <p>Description: Automated valves and control valves are key contributors to instrumentation unreliability and a cause of substantial money loss. This workshop is intended to bring the criteria together to discuss, debate and identify better ways to realize a proper "Fit for Purpose Valves" sizing and selection process. The workshop will discuss ways to identify the "high performance" valves during the FEED stage and the fact that not only control valves but also solenoid and automated block valves need to be considered. The workshop will focus on understanding valve flow behavior such as cavitation, flashing and choked flow as an essential criterion to size and select FFP and how having effective engineering tools that tell you, even during the FEED stage, that reliability is at stake, is a great asset.</p>	<p>Moderator: Rich Davis – Flexitallic LP</p> <p>Panel: Greg Johnson - United Valve, Terry Blackard - Exxon-Mobil, Jim Pease - Newmans Valve, Nika Muckelroy - Chevron, Alberto Rossi - Orion Valves</p> <p>Description: This workshop will review API-20A Steel, Stainless Steel, and Nickel Base Alloy Castings for Use in the Petroleum and Natural Gas Industry and how it compares to MSS SP-Quality Standard for Steel Castings Used in Standard Class Steel Valves - Sampling Method for Evaluating Casting Quality, with regard to casting quality, applicability and how those standards impact the manufacturer and the end user.</p>	<p>Moderator: Mirek Hubacek - Velan</p> <p>Panel: Richard Hodgson - Bechtel, Ray Bojarczuk - ExxonMobil, Matt Lovell – United Valve, David Bayreuther - Metso, Dr. Gaida - Quadax</p> <p>Description: The workshop will discuss users' perspective and the importance of cryogenic valves and other equipment for the North American market, based in particular on the latest trends in the USA development of natural gas reserves. The potential exporting of liquefied natural gas around the world will be tremendous in the near future. Review of valve standards for cryogenic valves; the new ISO 29821-1, as well as existing standards such as ISO 2011 and MSS SP 134. There will be a presentation of production testing of cryogenic valves and a review of some specific valve design requirements for cryogenic valves. Modifications of standard valves for cryogenic purposes and the related difficulties will be covered and Cold Shock testing of cryogenic valves will be discussed.</p>

12:30 PM Lunch and Expo visit

02:00 PM	Workshop Double Block & Bleed Demystified Room 310D	Workshop Shale Gas/Update on Unconventional Energy Sources Room 310E	Workshop Valve Asset Management Room 310F
	<p>Moderator: Tom Dang - Chevron</p> <p>Panel: Ray Bojarczuk - ExxonMobil, Ron Manson - Cameron, Dave Buse - Zwick Valves, Lindsey Bredemeyer – Franklin Valve, Neville de Souza – Flowsolve Serck Audco Valves, Ken Childs - Chesterton, Paul Velardo – Oliver Valve</p> <p>Description: The workshop will review the various definitions and intent in Federal Regulations for Double Block & Bleed and how these definitions compare with the definitions in the relevant piping and valve codes. The workshop will further cover the sealing characteristics and idiosyncrasies of the various valve types used in the industry to achieve those definitions of Double Block & Bleed, and the new terms of Double Isolation & Bleed and Double Positive Isolation.</p>	<p>Moderator: David Leavitt - Pentair</p> <p>Panel: Jason Pitcher - Cameron, Andrew Lee – Chesterton, Greg Peterson – MRC</p> <p>Description: Unconventional Energy resources such as shale and tight gas, heavy oil and oil sands are garnering much attention today. Increasing recovery and production rates while reducing development costs and the environmental footprint have been key changes in the oil and gas landscape. Technology changes in the upstream have contributed to this recent increase in activity while new valve technology and design are helping to advance process technology. This session will look at some of these challenges, changes and advances.</p>	<p>Moderator: Benny McCallum - Pentair & Sid Garrison - Pentair</p> <p>Panel: Rajan Hingoraney - Aramco Services, Sandro Esposito - GE, Daniel Baxter - Cameron, Philip Henry - Equity Engineering, Gobind Khiani - Enerplus Corporation</p> <p>Description: There can be far more than the loss of mere dollars associated with valve failures as any experienced plant manager knows. Valves effect all of a plant's operations and so utilizing predictive techniques within an effective asset management program can optimize maintenance frequency and significantly reduce plant operating costs. This workshop will discuss best practices and tools for asset management of valves used in various industries: Power, Oil and Gas, Chemical, Food and Beverage etc.</p>

04:00 PM Expo break (incl. drinks and snacks)

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June 25th & 26th, 2013, Houston, TX, USA
- George R. Brown Convention Center -



Conference Delegate Registration Form

Name: Position: Company:
Address: Postal Code:
City: Country: Phone:
E-mail: Web Address: Fax:

Pass	Early Bird until May 13 th , 2013	From May 14 th , 2013 and onsite	What is included?
Two Day Valve World Americas 2013 Conference	USD 875*	USD 955*	<ul style="list-style-type: none"> • 2 conference days participation • Welcome reception • 2 lunch vouchers + afternoon drinks & snacks • Daily conference power breakfast • Unlimited access to expo • Access to conference presentations

* if you represent an enduser/EPC company, please contact Larisa Venikova directly for special discounted conference rates.
(l.venikova@kci-world.com / ph +1 416 361 7030)

Payment Information

Payment via MasterCard/Visa Payment via Wire Transfer Cheque enclosed (via mail)
(Bank Transfer details will be provided upon receipt of completed registration form)

Creditcard information

MasterCard / Visa Card for USD
Credit card number: Expiration date: Card Verification Code (CVC)*:
Cardholder's Name: Cardholder's Signature:

* In addition to the credit card number, a card verification code (CVC) is required. This is new, and has been introduced to provide more security for both the customer and the mail order company. We will not be able to process credit card transactions without a verification code.

Cancellations in writing prior to May 1st, 2013 will be subject to a 50 USD processing fee.
Refunds will not be granted after May 1st, 2013. Refunds will not be given for no-shows after the conference start date.

Please submit completed form by fax to +1 416 361 6191
or send scanned form to: l.venikova@kci-world.com

Or post to
KCI Publishing Corporation
15 Toronto Street, Suite 502, Toronto, Ontario M5C 2E3, Canada
Phone: +1 416 361 7030
Fax: +1 416 361 6191