

VALVE WORLD EXPO & CONFERENCE 2022

DAY 1 – 29 NOVEMBER

MORNING PROGRAMME			
09.00 - 09.15	OPENING ADDRESS CHAIRMAN		<i>Ayo Kilani, NLNG</i>
09.15 - 09.45	PLENARY SESSION 1	Energy transition and repercussions for the work/scope of IOGP and equipment supply chain	<i>Adri Postema, International Association of Oil & Gas Producers (IOGP)</i>
09.45 - 10.15	PLENARY SESSION 2	Navigating in an ever changing market	<i>Rob Saltiel, MRC Global</i>
10.15 - 10.45 COFFEE BREAK			
10.45 - 12.00	PANEL DISCUSSION	Decarbonisation of the energy sector: implications for the flow control industry	<i>Moderator: Tony Smart, formerly Shell Panellists: Adri Postema, IOGP Emily Shields, MRC Global Alfred Kruijer, Shell</i>
12.00 - 13.30 LUNCH BREAK			
AFTERNOON PROGRAMME	ROOM 1	ROOM 2	ROOM 3
13.30 - 15.00	DIGITALISATION	ADDITIVE MANUFACTURING	WORKSHOP FUGITIVE EMISSIONS
	<i>Moderator: Claire Dwyer, Fluor</i> Delivering on valve diagnostics <i>Richard Grace, Emerson</i> Digital solutions: leveraging data from smart devices <i>Ramakrishna Koti, Valmet</i> V-Flange – An enhanced device for manual valves smart monitoring <i>Gianluca Losi, Velan</i>	<i>Moderator: Angeline Goh, Shell</i> Additively manufactured polymeric gaskets for digital inventory solutions <i>Luisa Mondora, Gianluca Acquistapace, Valland</i> Next generation AM sleeve to mitigate stress in severe service <i>Fadila Khelfaoui, Velan</i> Valves and components with Additive Manufacturing: Design and Sustainability <i>Valeria Tirelli, Aidro Srl</i> Validation of Additive Manufacturing for oil and gas <i>Steve Freitas, IMI Critical Engineering</i>	<i>Moderators/presenters: Bronson Pate, Tricord Consulting/ Rodney Roth, KAR Oil and Gas technologies</i> With various presentations such as a case study digital monitoring of flare valves (MRC Global)
15.00 - 15.30 COFFEE BREAK			
15.30 - 17.00	PREDICTIVE MAINTENANCE	WORKSHOP ADDITIVE MANUFACTURING	FUGITIVE EMISSIONS
	<i>Moderator: Ingolf Holmslet, Klyde</i> Valve inspection with acoustic emission: boundaries and new opportunities for predictive maintenance <i>Michael Hettegger, Senseven GmbH</i> The detection of valve condition by gyro sensors <i>Isao Nishizawa, KITZ</i> Predictive maintenance of safety devices thanks to intelligent measurement technology <i>Martin Hundt, Huckauf Ingenieure GmbH</i> Maximize reliability with modern, data-driven shutdown planning <i>Ramakrishna Koti, Valmet</i>	<i>Moderator: Onno Ponfoort, Berenschot</i> A cross-sectoral discussion looking at AM in oil and gas, aerospace, defense, focussing on synergies, best practices et cetera <i>Panellists:</i> - <i>Angeline Goh, Shell</i> - <i>Linus Tillmann, Mobility goes Additive e.V.</i> - <i>Daniel Urbanczyk, BASF</i> - <i>Fadila Khelfaoui, Velan</i> Evaluation of Additive Manufacturing for Valve Components	<i>Moderator: Bronson Pate, Tricord Consulting</i> Reducing fugitive emissions in industrial production facilities <i>Rene Van Der Gaag, Emerson</i> Fugitive emission sealing for valve stems <i>Ralf Vogel, ESA</i> The influence of packing set molding densification on sealability <i>Isadora R. Henriques, Teadit</i> Zero Emission Solutions for Gas Actuator - Eliminate Greenhouse Gas Discharges <i>Stefano Belletti, Emerson</i>
17:00	End day one		

Program may be subjected to changes without prior notice.

DAY 2 – 30 NOVEMBER

MORNING PROGRAMME		
09.30 - 09.40	OPENING ADDRESS CHAIRMAN	Recap day one and outlook day two <i>Ayo Kilani, NLNG</i>
09.40 - 10.10	PLENARY SESSION 1	Decarbonisation of the natural gas supply chain
10.10 - 10.40	PLENARY SESSION 2	Turnkey Component Contracting and its impact on the valve supply chain and product quality <i>Hatim Alhamdan, Aramco</i>
10.40 - 11.10	COFFEE BREAK	
11.10 - 12.10	PANEL DISCUSSION	The international valve sector: quo vadis? International conflicts, the pandemic, the energy transition, price volatilities, digitalisation. We are living in an age of continuous change. In this panel discussion, a panel of end-user experts will address the most pertinent challenges that will impact the valve industry in the coming years. <i>Panellists tba</i>
12.10 - 13.30	LUNCH BREAK	
AFTERNOON PROGRAMME	ROOM 1	ROOM 2
13.30 - 15.00	SEVERE SERVICE	WORKSHOP MID TO LARGE SCALE GREEN HYDROGEN PRODUCTION
	<p><i>Moderator: Ingolf Holmslet, Klyde Consultants</i> Highly-demanding applications/severe service <i>Marshall Norris, Flowserve</i> Development of cryogenic valves for liquid & gas phase hydrogen application <i>Jose Avalos, Neway</i> Managing valve wear in FCC slurry oil service <i>Jussi Helman, Valmet</i> Valve designs and selection for demanding LNG applications <i>Eugenio Sudati, Emerson</i></p>	<p><i>Moderator: DNV</i></p> <p>The workshop will focus on the large scale production/storage of green hydrogen and implications for flow control equipment. With presentations from OEM, valve manufacturer, certification body</p>
15.00 - 15.30	COFFEE BREAK	
15.30 - 17.00	RENEWABLE ENERGY/DECARBONISATION	WORKSHOP IOGP
	<p><i>Moderator: Bruno Martin, Technip Energies</i> Developing a test protocol for high-pressure needle valves for hydrogen service <i>Enric Palau, Redfluid & URV</i> Controlling hydrogen blending into natural gas networks <i>Rossella Mimmi, Emerson</i> Application for fluid control technology for H2 refueling stations <i>Tomoko Kubota, KITZ</i> Valve selection for offshore wind farms <i>Sergio Zaghen, Emerson</i></p>	<p>IOGP: Laying the foundation for digital transformation <i>Moderator: David Harris, IOGP</i></p> <p>Presentations:</p> <ul style="list-style-type: none"> - Digitalizing standards and specifications - JIP 33 global equipment hub, <i>Brian Imray, Sharecat</i> - Digital material passport
17:00	End day two	

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DAY 3 – 1 DECEMBER

MORNING PROGRAMME	ROOM 1	ROOM 2
09.30 - 11.00	VALVE DESIGN	SEALING / PACKING
	<p><i>Moderator: Ron Merrick, Fluor</i> Development of Liquefied Hydrogen Valves for Mass Transport of Hydrogen <i>Naoya Miura, KITZ</i> Critical valves for gas pipelines and piping systems: End User's and Manufacturer's best practices for ball valves <i>Bader Al Jarallah, Aramco/ Marco Sparisci, DAFRAM</i> Fluidstructure interaction modelling to ensure valve integrity and reliability <i>Leire Colomo, AMPO</i> Design considerations for big bore valves <i>Neeraj Batra, McDermott International Inc.</i></p>	<p><i>Moderator: Rodney Roth, KAR Oil and Gas Technologies</i> A systematic approach for pre-validation of polymer spring-energised seals for critical valve applications <i>Christoph Valdenaire, Omniseal Solutions/ Saint-Gobain</i> Perfluoroelastomer for high-pressure sealing gases and rapid gas decompression <i>William Braule, DuPont Kalrez</i> High-temperature - low emission - control valve sealing <i>Hans Dekker, AW Chesterton</i> Basic characteristics of gland packings and gaskets for hydrogen applications <i>Yuta Sato, Nippon Pillar Packing</i></p>
11.00 - 11.30	COFFEE BREAK	
11.30 - 13.00	STANDARDISATION	NEW TECHNOLOGIES
	<p><i>Moderator: Marc Simoëns, Dow Benelux</i> ISO 23632 / Design Validation Testing <i>Luc Vernhes, Velan/ Colin Zegers, ITIS</i> API 6D 25th Ed. Specification for Valves: main changes <i>Roberto Lodovichi, 2R Consulting</i> API 623 2nd edition – significant changes <i>Ron Merrick, Fluor</i> Fugitive emission tightness compliance: comparing various standards <i>Sugumar S, L&T Valves</i></p>	<p><i>Moderator: Andrew Withers, Rotork</i> Smart Valve – Valve Remote Monitoring System <i>Sumith S, L&T Valves</i> Digital Twin: Business Applications and Benefits <i>Hendrik Wormuth, LESER GmbH & Co. KG</i> Innovations to Eliminate Scope 1-3 Emissions <i>Dave Anderson, Score Group</i> Enabling a Sustainable Future: How intelligent flow control can embrace the opportunities presented by the energy transition and energy security challenges <i>Andrew Withers, Rotork</i></p>
13:00	Conference ending: Ayo Kilani, NLNG	

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