



# Valve World Southeast Asia Expo & Conference 2023

## Conference Program



October 26-27, 2023  
Singapore Expo, Singapore

### Day ONE: Thursday, October 26, 2023

10:00	<b>Keynote 1</b>	Challenges and trends in the oil and gas industry in the energy transition—Sajeev Menon, IOGP
10:30	<b>Keynote 2</b>	End User Specifications—Mohanned Tarabzouni, Saudi Aramco
11:00	<b>Keynote 3</b>	Role of Technology in the Valve Industry Towards Sustainability—Dr. Brindesh Dhruva, Bray International, Inc.
11:30-11:45	<b>Coffee Break (Cafeteria)</b>	
11:45-13:00	<b>Panel Discussion 1</b>	<b>IOGP Updates</b> <i>Plenary: Experience on Using IOGP S708D for Subsea Manual Ball Valve—Operator's Perspective—M Azree Salamat, PETRONAS Carigali, Subsea Engineering, DFE, Development Division</i> Moderator: Tony Smart, Neway Valve (Europe) B.V. Panelists: Asrul Hazimin B Mohamad, PETROLIAM NASIONAL BERHAD (PETRONAS) Jaafar B Hamdan, PETROLIAM NASIONAL BERHAD (PETRONAS) David Harris, IOGP M Azree Salamat, PETRONAS Carigali, Subsea Engineering, DFE, Development Division Tatsuya TOBE, JGC Corporation Irawan Josodipuro, PT Pertamina Hulu Mahakam etc.
13:00-14:00	<b>Lunch Break (Cafeteria)</b>	
14:00-15:15	<b>Panel Discussion 2</b>	<b>Meeting and Mitigating Challenges of Fugitive Emissions</b> <i>Plenary: Fugitive Emission Mitigation in Automated Valves—Jukka Borgman, Valmet Flow Control BL</i> Moderator: Mrinal Das, Dorf Ketal Chemical Panelists: Tatsuya TOBE, JGC Corporation Ron Merrick, Fluor Enterprises Jukka Borgman, Valmet Flow Control Dr. Brindesh Dhruva, Bray International, Inc. Mohanned Tarabzouni, Saudi Aramco Emiel Lechevallier, Ventil Test Equipment, etc.
15:15-15:35	<b>Coffee Break (Cafeteria)</b>	
15:35-18:00	<b>Valve Selection &amp; Application</b> <i>Session Chair: Neeraj Batra, McDermott International Inc. Conference Room 1</i>	<b>Sealing Technology</b> <i>Session Chair: Gim Choon Goh, Shell Singapore Pte Ltd (Bukom) Conference Room 2</i>
	Knife Valve Failure in Process Wastewater with Slurry Service Piping of Refinery Residual Fluid Catalytic and Cracking (RFCC) Complex—Khairul Aizat B Mohamad Zaki, Petronas Group Technical Solution (GTS), Muzzahhir B M Hadzir, Petronas Group Technical Solution (GTS), Shahrizal Izzat M Sani, Pengerang Refining Company Sdn Bhd. (PRefChem)	Sealing technology in Elastomer Seated Valves for Severe Service—Ram Viswanathan, Venkat N, Bray Controls India Pvt. Ltd. (Subsidiary of Bray International, Inc.)
	Escape Technology Applied in High Pressure Gas Test Innovation—Guohong ZHANG, FR Valve	Determination of the Gasket Characteristics at Cryogenic Temperatures—Florian Werner, TEADIT International Produktions GmbH
	Technology Considerations in Triple Offset Butterfly Valves for Severe Service Applications—Ananda Prasath, Prabhakaran Adikesavan, Bray Controls India Pvt. Ltd. (Subsidiary of Bray International, Inc.)	PFAS – What are They and Why are They Critical to Sealing Devices?—Michael Wachinger, A.W. Chesterton Company
	Technical Considerations for Cryogenic Ball Valves—Sumith S, Venkatesh NR, L&T Valves Limited	Innovation in Packing Materials for Hydrogen Energy Overcoming High-Temperature, High-Pressure, and Cryogenic Challenges—Kaho Kanaya, NIPPON PILLAR PACKING CO., LTD.
	Valves for Molten Salt Applications—Krishna Kumar Viswanathan, Flowserve India Controls Pvt. Ltd.	Fugitive Emission & Our Planet – Role of Packing—Rajib Roy, James Walker Inmarco Ind. Pvt. Ltd.

## Day TWO: Friday, October 27, 2023

9:30 -10:00	Morning Coffee Break (Cafeteria)	
10:00	<b>Keynote 4</b>	Major Challenges in Valves Selection in Chemical Industry—Mrinal Das, Dorf Ketal Chemical
10:30	<b>Keynote 5</b>	Approach from EPC Perspective—Tatsuya TOBE, JGC Corporation
11:00	<b>Keynote 6</b>	Research on Cryogenic Valves for Liquid Hydrogen—Justin Ding, NEWAY VALVE (SUZHOU) CO., LTD.
11:30-12:30	<b>Panel Discussion 3</b>	<p><b>Challenges faced in Cryogenic Valves for LNG Applications</b></p> <p>Moderator: Venkatesh S, L&amp;T Valves Limited</p> <p>Panelists:</p> <p>Masayuki ONO, JGC Corporation</p> <p>Neeraj Batra, McDermott International Inc.</p> <p>Ron Merrick, Fluor Enterprises</p> <p>Garen ZHOU, Neway Valve</p> <p>Chengwu PENG, Hubei Taihe Petrochemical Equipment Co., Ltd.</p> <p>Krishna Kumar Viswanathan, Flowserve India Controls Pvt. Ltd. etc.</p>
12:30-13:30	Lunch Break (Cafeteria)	
13:30-15:00	<b>Panel Discussion 4</b>	<p><b>Maintenance &amp; Repair—End User's Pain points</b></p> <p>Moderator: Neeraj Batra, McDermott International Inc.</p> <ul style="list-style-type: none"> <li>ExxonMobil: Case studies on valves (mainly around challenges, trouble shooting and repairs) —Tan Gilbert Jian Hui, Teo Jing Sheng</li> <li>Petronas: Top 6 valve failures in Petronas—Asrul Hazimin B Mohamad</li> </ul>
15:00-15:15	Coffee Break (Cafeteria)	
15:15-17:00	<p><b>Materials</b></p> <p>Session Chair:</p> <p>Masayuki ONO, JGC Corporation</p> <p>Conference Room 1</p>	<p><b>Digitalization</b></p> <p>Session Chair: Asrul Hazimin B Mohamad, PETROLIAM NASIONAL BERHAD (PETRONAS)</p> <p>Conference Room 2</p>
	Potential Opportunities of Additive Manufacturing for the Oil and Gas Valve Industry—Asrul Hazimin, Jaafar Hamdan, Ahmad Abdullah, Jared Samuel Thanggaraj, PETROLIAM NASIONAL BERHAD (PETRONAS)	Leveraging Digital Solutions for Condition-Based Maintenance of Valves—Jaafar B Hamdan, Hishamuddin Mat Rani, PETROLIAM NASIONAL BERHAD (PETRONAS)
	Casting Valve: Challenge and Solution in an Emerging Nation, a Case Study—Achmad Arifin, PT Pertamina Hulu Mahakam, Irawan Josodipuro, Pertamina Hulu Mahakam, Richard Bonardo Napitupulu, PT Pertamina ONWJ	Valve Digitalization: Reducing Industrial Risk and Total Cost of Ownership— Boris Volavičius, Valmet Flow Control
	Research on The Third Phases in Super Duplex Stainless Steel—Morris Cui, Neway Industrial (Suzhou) Co. Ltd	Increasing the availability of electric actuators and failsafe actuators by using health Monitoring—Klaus Schiebel, SCHIEBEL Antriebstechnik GmbH
	API 623 2nd edition – significant changes- Ron Merrick, Fluor	Reduce unplanned downtime with data-driven analysis -Nicholas Luah, Rotork
17:00-18:00	<p><b>Open Session:</b></p> <p><b>Golden Opportunity for the promising Indonesian market and investment</b></p> <p>(All visitors, exhibitors and delegates are invited to join)</p> <p>Plenary: Development of Valve Qualification and Product Technology in Emerging Market Offshore and Oil &amp; Gas Industry—Irawan Josodipuro, PT Pertamina Hulu Mahakam</p> <p>Moderator: Irawan Josodipuro, PT Pertamina Hulu Mahakam</p> <p>Panelists:</p> <ul style="list-style-type: none"> <li>Naufal Noor Rochman, Ministry of Energy and Mineral Resources, Indonesia,</li> <li>Dedih Durahman, Pertamina Hulu Energi,</li> <li>Maruli C Tampubolon, Ministry of Energy and Mineral Resources, Indonesia,</li> <li>Kelvin Octavianus Djohan, PT Teknologi Rekayasa Katup</li> </ul>	

Program may be subjected to change without prior notice.

