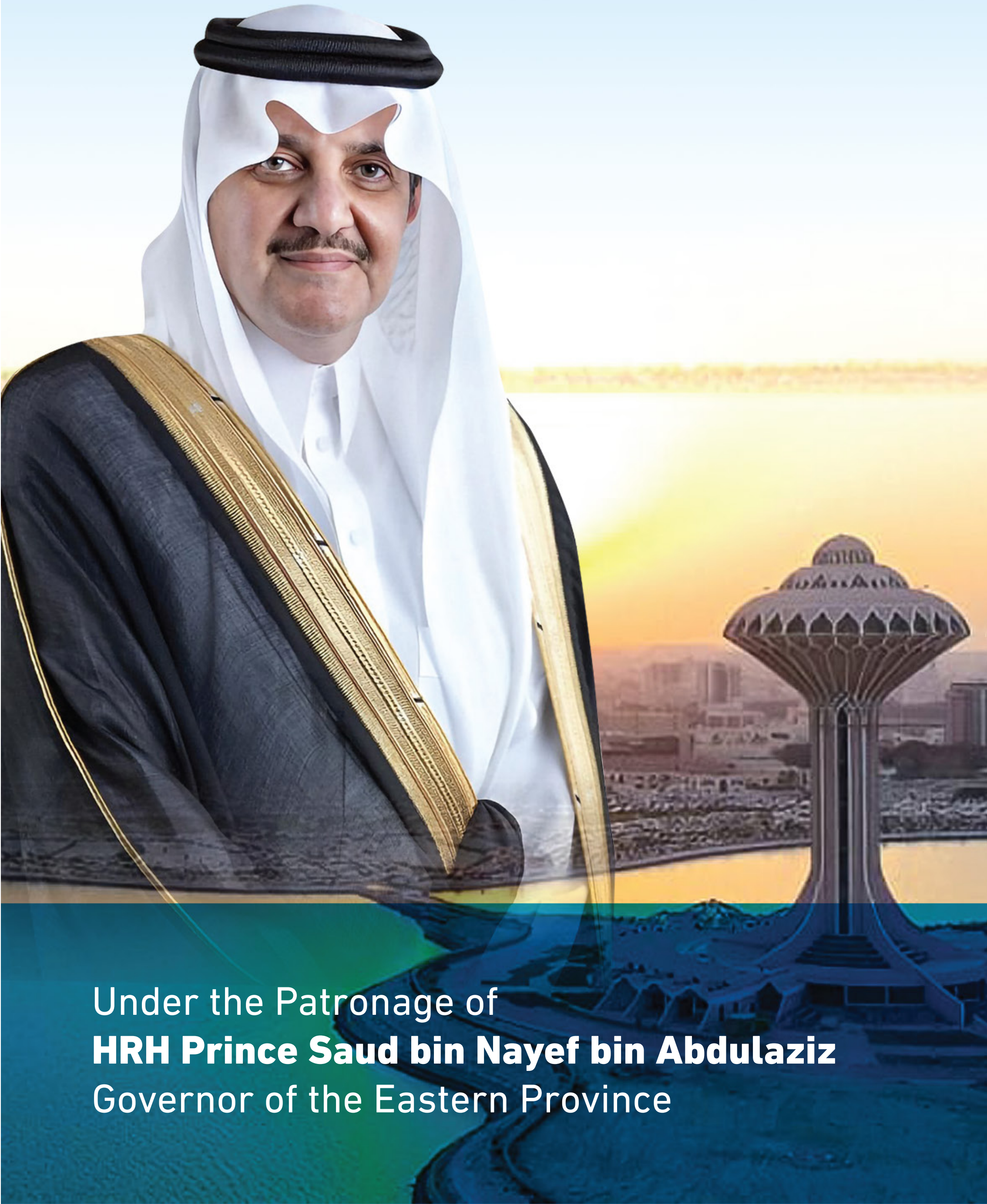




SPICONX
Storage & Pipeline International
Conference & Exhibition

INTERNATIONAL
VALVES
CONFERENCE AND EXHIBITION

CONFERENCE PROGRAM



Under the Patronage of
HRH Prince Saud bin Nayef bin Abdulaziz
Governor of the Eastern Province

ORGANIZED BY

إفنتات
EVENTAT



Pro
Events

Day 1 | 3rd December, Tuesday, 2024

MAIN HALL OPENING CEREMONY

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|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09:00 - 09:05 | Opening Remarks: Thabet AL Sawyeed , Chairman, MAS Holding |
| 09:05 - 09:15 | Welcome Note by Conference Chairman: Fawaz Al Shahan , Senior Engineering Consultant, IIoT Leader and Chairman of Instrumentation Standards Committee, Saudi Aramco |
| 09:15 - 09:20 | Keynote Speech: Eng. Khalid AlHabib , Chief Strategic Planning & Development, Water Transmission Company |
| 09:20 - 09:25 | Keynote Speech: Mohammed Ibrahim Ben Rshed , Head of Strategy & Business Development, Abdullah A. Al Barrak & Sons Co. |
| 09:25 - 09:40 | Felicitations of Top: Tier Sponsors |
| 09:40 - 11:10 | NETWORKING AND EXHIBITION BREAK |

MAIN HALL PLENARY PROGRAM

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| 11:10 - 11:35 | Development of water transmission systems and Strategic Storage Eng. Ahmad AlZahrani , Execution projects Management Executive Director, Water Transmission Company (WTCO) |
| 11:35 - 12:00 | Loading and Terminal Pipelines, a vital connection Geert Bontekoe , Service Line Manager, InVista® and PIMS, Quest Integrity |
| 12:00 - 12:25 | Achieving Efficiency and Excellence in Pipeline Projects using Advanced Intelligence - Robotic Welding for Piping Spool Fabrication Ammar Albahrani , Project and Construction Manager, BIN QURAYA EPC Agha Umer Jamshed , Head of Welding/Metallurgy, BIN QURAYA EPC |
| 12:25 - 12:50 | Presentation by: DLPS |
| 12:50 - 14:10 | NETWORKING AND LUNCH BREAK |
| 14:10 - 14:35 | Beyond Boundaries: Pioneering the Future of Robotic - Tethered inspections Morten Husebo Solberg , Senior Sales Manager, Rosen |
| 14:35 - 15:00 | Pipeline Integrity Management: Techniques and Tools for Monitoring and Maintaining Pipelines. Dr. Taher Aljundi , Director of the Training Institute, PIPECARE Training Academy |

VALVE ARENA VALVES TECH PROGRAM

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| 11:35 - 12:00 | Hydrogen Leakage: Valves as a Safety Barrier Saqib Ali Rana , Principal Engineer Process Safety, WOOD PLC |
| 12:00 - 12:25 | How to increase plant reliability by Fisher™ Optimized Digital Valve for Compressor Antisurge Control Valves Islam Othman , Business Development Manager - Chemical & Petrochemical, Emerson |
| 12:25 - 12:50 | IMI : Retrofit3D: a new Upgrade solution using Advanced Manufacturing Technics Bertrand Maillon , Retrofit3D Leader, IMI-Critical Engineering |
| 12:50 - 14:00 | NETWORKING AND LUNCH BREAK |
| 14:00 - 14:25 | Flow Control and Sustainability Lindsay Coutinho , Head of Industry Management - Downstream and Chemicals, Valmet Flow Control Oy |
| 14:25 - 14:50 | Partial Stroke Testing (PST) Naeem Al Asmar , Senior Project Engineer, Industrial Valves Manufacturer |
| 14:50 - 15:15 | Valve Lifecycle Management with Blu's Condition Monitoring Solution Arve Martinsen , CEO & Managing Director, KAEPER Blu |
| 15:15 - 15:40 | Automatic Recirculation Valve - Sustainable Solutions Santhosh AK , Business Manager-Valves , KSB Middle East FZE |

HALL -A SPICONX TECH PROGRAM

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| Technological Innovations – Pipelines and Storage | |
| 12:00 - 12:25 | Robotic Arm for Automatic Pipe Marking Mohammad Alsultan , VID – Quality Control Supervisor, Saudi Aramco |
| 12:25 - 12:45 | Inline Pipeline Isolation as an Alternative to Line Stopping Mark Gault , Vice-President, Middle East, STATS Group |
| 12:45 - 14:00 | NETWORKING AND LUNCH BREAK |
| 14:00 - 14:25 | Autonomous Terminals – The Key to Resilience against the Volatility of the Energy Industry. Monica Florentina Hildinger , Chief Product Officer, Implico Group |
| 14:25 - 14:50 | Partial Shell Replacement of Floating Roof Tank Salman Alshammari , Turnaround Lead Engineer in TA & Special Maintenance Department, SASREF |
| 14:50 - 15:15 | A Pathway to Thickness Measurement Locations Chris Begent , Commercial Director, Inductosense |

HALL -B SPICONX TECH PROGRAM

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| Operations, Maintenance & Integrity Management | |
| 12:00 - 12:25 | Simplified Method to Account for Macro Dynamic Effects Influencing Global Friction Factors in Large Diameter Liquid Pipelines Luis Ortiz , Engineering Specialist, Saudi Aramco |
| 12:25 - 12:45 | Cyclic Services of Pressure Vessels in Operating Facilities: Design and Inspection Mohammed Y. Al-Hashem , Lead Mechanical Engineer, Saudi Aramco |
| 12:45 - 14:00 | NETWORKING AND LUNCH BREAK |
| 14:00 - 14:25 | Black powder in Oil and Gas- Case Study and Solution. Alaa Mahmoud , Team lead - Internal Corrosion, Pipeline Specialist Unit, Saudi Aramco |
| 14:25 - 14:50 | Innovative Design Solutions for Ground Flare Challenges Pravinkumar Patil , Senior Maintenance Engineer, Saudi Aramco |
| 14:50 - 15:15 | Dehydrators Internals Integrity and Desiccant Loading Best Practices Ibrahim A. Almuqbil , Process Engineer, Saudi Aramco |

END OF DAY 1

Day 2 | 4th December, Wednesday, 2024

MAIN HALL

PLENARY PROGRAM

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| 09:00 - 09:25 | Pipeline Integrity Management Challenges and Opportunities Ahmed Farouk , General Manager Pipeline integrity Management Center of Excellence, GASCO |
| 09:25 - 09:50 | Case Study - Overview of the Kingdom's first Carbon Capture Storage Pipeline Network Saleh N Al-Lajam , Capital Project Leader, Saudi Aramco Abdulmohsen Mumen , Supervisor – Project Management, Saudi Aramco |
| 09:50 - 10:15 | Decarbonization Strategies: Pipeline and storage solutions to support the transition to low-carbon energy systems Senior Representative , Tenaris |
| 10:15 - 10:45 | Fireside Chat - Hydrogen and Integrity Moderator: Gregory Ebel , Technical Market Development Specialist, CBMM Participants: Dr. Abdulrahman Anazi , Director - Policies and Strategic Planning, Ministry of Energy Eng. Ahmed Mohamed Farouk , GM - Center of Excellence, GASCO |
| 10:45 - 11:05 | NETWORKING COFFEE BREAK |
| 11:05 - 11:30 | Innovations Undertaken to Enhance the Efficiency, Operational Excellence, Sustainability & Environment Stewardship of the Pipeline System Pawan Agarwal , VP, HPCL Mittal Energy Ltd. |
| 11:30 - 11:55 | Advanced Ultrasonic In-Line Inspection technology for Crack and Metal Loss in Liquid Pipelines Jim Costain , Director - Global Commercial Sales, NDTGlobal |
| 11:55 - 12:35 | Panel Discussion - Sustainability and Environmental Stewardship Moderator: Jameel Banoo , Sr. Consultant – Capital Projects, Facilities Planning and Capital Investment, Saudi Aramco Panelists: Pawan Agarwal , VP, HPCL Mittal Energy Ltd. Eng. Abdulaziz Alshammari , Leader, Sustainability & Energy, SABIC Dr. Jamal Nayfeh , Dean of the College of Engineering, Prince Mohammad Bin Fahd University |
| 12:35 - 13:15 | NETWORKING AND LUNCH BREAK |

VALVE ARENA

VALVES TECH PROGRAM

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| 09:10 - 09:35 | SAMSON Philosophy from the up till the Down Stream Shoaib Ather , Director Sales and Marketing, SAMSON ME Ouisseem Ouremi , Managing Director, SAMSON ME |
| 09:35 - 10:00 | Hydraulic Actuators Meeting Today's and Future Needs Ian Spiller , CEO, Gulftek |
| 10:00 - 10:25 | Unravelling Positioner Failures: Real Stories and Lessons Learned Mohammad M. Enezi , PCST Unit Foreman, Saudi Aramco |
| 10:25 - 10:40 | Advanced Protection Solutions Valves: ENERGY Firecover® and ENERGY Cryocover™ Arve Martinsen , CEO & Managing Director, KAEPER Blu |
| 10:40 - 11:05 | NETWORKING COFFEE BREAK |
| 11:05 - 11:30 | Pressure Relief Valves and its Benefits Ghulam Farooq , Engineering Specialist, Saudi Aramco |
| 11:30 - 11:55 | Simple, Secure and Autonomous Steam Trap Monitoring Firas Jaouni , Digital Champion Middle East, IMI-Critical Engineering |
| 11:55 - 12:20 | Special Valves and its Usages Steve SON , CEO, SENDAN Company |
| 12:20 - 12:45 | Proper Implementation of Pressure Vacuum Relief Valves to Reduce Emissions from Storage Tanks Ahmed Reda , Regional Manager, PROTEGO Middle East |
| 12:45 - 13:15 | NETWORKING AND LUNCH BREAK |

ALL ABOUT VALVES - Presenting Advanced Technologies (Main Hall)

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| 13:15 - 13:40 | Valtek® Compressor Anti-Surge Valve Mohammed Bazroon , Customer Service Manager, Flowserve |
| 13:40 - 14:05 | AMIANITIT Ductile Valves System Mohamed Ahmed Geba , Plant Manager, Saudi Amicon Co. Ltd., Amiantit Group |
| 14:05 - 14:30 | How can Valve Maintenance Improve Cost Saving and Uptime Athul Raj , Project Engineer, AHSTCO |
| 14:30 - 14:55 | Increasing the Reliability of Smart ZV Applications with Emerson's FIELDVUE™ Instrumentation and Rex Bobadilla , Instrument Business Unit Leader – MEA, Emerson Double Eccentric C-Ball valve technology in severe service applications Olivier Beyerman , Director for Sales & Business Development, Emerson |
| 14:55 - 15:35 | Panel Discussion - Shaping the Future of Valves: Innovation, Collaboration, and Emerging Technologies Panel Moderator: Fawaz Al Shahan , Senior Engineering Consultant, IIoT Leader and Chairman of Instrumentation Standards Committee, Saudi Aramco Panelists: Abdulhadi Abosaq , Maintenance Superintendent, Sadara Petrochemical Company Representative from Flowserve Athul Raj , Project Engineer, AHSTCO Representative from EPC Company |

HALL -A

SPICONX TECH PROGRAM

Technological Innovations – Pipelines and Storage

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| 11:15 - 11:40 | Medium Range Guided Waves Ultrasonics with potential defect classification and sizing Slim Soua , Sr. Engineer, Saudi Aramco |
| 11:40 - 12:05 | Small Bore Piping (SBP) Corrosion Monitoring using Phased Array Ultrasonic Testing (PAUT) Hussain Basallom , Associate Engineer, Saudi Aramco Qasem Fandem , Technology Supervisor, Saudi Aramco |
| 12:05 - 14:05 | NETWORKING AND LUNCH BREAK |
| 14:05 - 14:30 | HGP Proactive, Reliability & Monitoring SEEQ Models Shodayed Al-Qahtani , Maintenance Reliability Supervisor, Saudi Aramco |
| 14:30 - 14:55 | Artificial Intelligence Powered Non-Destructive Testing for Inline Pipe Inspection Ahmed Aljarro , Research Science Specialist, Saudi Aramco |

HALL -B

SPICONX TECH PROGRAM

Operations, Maintenance & Integrity Management

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| 11:15 - 11:40 | Continuous High Temperature at Gas Turbine Compartment Resolved with Exhaust Plenum Modification Abdulmohsen S. Almubaddal , Rotating Equipment Engineer, Saudi Aramco |
| 11:40 - 12:05 | OSI Program Management Jwana Almarghani , Associate Engineer, Saudi Aramco |
| 12:05 - 12:30 | Energy Transition - Hydrogen, Decarbonization and HSSE Management of NORM (Naturally Occurring Radioactive Material) in Pipeline Operations Emil M. Aliyev , Lead Field Compliance Coordinator, Environmental Support Group, Business Support Division, PD&T Admin Area, Saudi Aramco |
| 12:30 - 14:05 | NETWORKING AND LUNCH BREAK |
| 14:05 - 14:30 | Optimized Metallurgy for API Pipe Body and Weld Ductility Properties for Critical Applications of Natural Gas, High Pressure Gaseous Hydrogen and CO2 Transmission Gregory Ebel , Technical Market Development Specialist, CBMM |
| 14:30 - 14:55 | Helping the industry move towards NET ZERO 2050 - Delivering Safe, Reliable, and Innovative Pipeline Optimization Solutions Mr. Edmund Ang , TD Williamson |
| 14:55 - 15:20 | Environmental Management in Pipeline Operations Emil M. Aliyev , Lead Field Compliance Coordinator, Environmental Support Group, Business Support Division, PD&T Admin Area, Saudi Aramco |

END OF DAY 2

Day 3 | 5th December, Thursday, 2024

MAIN HALL

PLENARY PROGRAM

- 09:10 - 09:35** Roadmap Towards Achieving Excellence in Storage & Pipelines
Dr. Muhammad Rehan Tayab, Advisor, Incident Prevention, ADNOC Group
- 09:35 - 10:00** Driving Quality Assurance in Pipeline Repairs with Cutting-Edge NDT Solutions
Mohammed Abufour, Advanced NDT Technologies Engineering Specialist & Regional Director, ASNT
- 10:00 - 10:25** Data Fusion- Combining the magnetic signals from MFL-A and MFL-C tools into a convolutional neural network (CNN), generating a comprehensive 3D depth profile
Mohsen Al-Nasser, Director - Business Resourcing, Rosen
- 10:25 - 10:50** **Case Study:** Flare Recovery and its Environmental Impacts
Dr. Mohamed Kamal Gaber, M.Eng. , PhD, Head of the Pipeline Process Design Sector, Petrojet
- 10:50 - 11:10** **NETWORKING COFFEE BREAK**
- 11:10 - 11:35** Operational Excellence in Managing Water Transmission Systems and Strategic Storage
Eng. Amjad AlHarbi, O&M Center of Excellence Director, Execution projects Management Executive Director, Water Transmission Company (WTCO)
- 11:35 - 12:00** Triple offset valve vs Gate & Ball valve in Tank isolation & other critical applications Triple offset valve vs Gate & Ball valve in Tank isolation & other critical applications
Mahmoud Hamzawy, EPC Sales Manager, Emerson
- 12:00 - 12:30** **Panel Discussion** - Ensuring Water Pipeline Integrity and Resilience
Panelists:
Senior Representative, WTCO
Senior Representative from Saudi Water Authority
Senior Representative from Saud Water Partnership Company
Senior Representative from National Water Company

VALVE ARENA

VALVES TECH PROGRAM

- 09:10 - 09:35** Harnessing Control Valve Diagnostics to Capitalize on Data-Driven Predictive Maintenance
Mohammed Moizuddin Ghiasuddin, Engineering Specialist, Saudi Aramco
- 09:35 - 10:00** ASME B16.34: The Fundamental Guide for Valve Design and Manufacturing
Parveen Krishan Kohli, CEO, AB Engineers and Consultants
- 10:00 - 10:25** The Importance of Testing Valves for Cryogenic Applications
Matthew Cooper, Corporate Regional Technical Manager, Braunschweiger Flammenfilter GmbH (PROTEGO)
- 10:25 - 10:50** Engineered Actuation Solution for Targeted Performance and Maintenance Reliability
Ali Khan, Country Manager - KSA, REXA
- 10:50 - 11:00** IIoT Technologies for Valves
Abeer Alkaaki, Instrumentation Engineer, Saudi Aramco
- 11:00 - 11:10** **NETWORKING AND COFFEE BREAK**
- 11:10 - 11:35** Instrumentation Valves Failure Insights & Enhance System Reliability
Afzal Kazi, Director, ICCL, KSA
Raeed Al Khater, Business Development, ICCL KSA
- 11:35 - 12:00** Axial Valve in Multiple Applications - Advantages
Zaheer Nottanveedan, Sales and Application Engineer, Mokveld Valves BV Middle East
- 12:00 - 12:25** Enabling Clean Energy : Advanced Oxygen Valve Solutions for Hydrogen Production
Rajendran D, Industry Manager - LNG & Industrial Gas, Severn Glocon Group.
- 12:25 - 12:40** Safety Relief Valve Latest Technologies
Dinesh Kumar, Sr. Technical Sales Manager-Valve Solution Engineering, Baker Hughes

12:40

CLOSING CEREMONY

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