



2024 API Pipeline Conference and Expo: Pipeline, Control Room, and Cybernetics

Monday, May 6, 2024 – Wednesday, May 8, 2024 | Hyatt Regency Salt Lake City

Current as of Monday, April 29, 2024 | Subject to change | Final program will be available in Attendee Hub App.

Title	Starts At (MDT)	Ends At (MDT)	Location	Track	Speakers
Monday, May 6, 2024					
(Spanish Session) Flow assurance through the implementation of a pipeline program cleaning with pigs	Monday, May 06 at 10:30am	Monday, May 06 at 11:00am	Solitude	Pipeline Operational Excellence	Cristian Leonel Alfaro Molina
Leveraging Low-field In-Line Inspection Technology to Enhance Hard Spot Pipeline Integrity Management	Monday, May 06 at 10:30am	Monday, May 06 at 11:00am	Traverse	Pipeline Technology & Innovation	Matt Romney
Step One - Define Engagement	Monday, May 06 at 10:30am	Monday, May 06 at 11:00am	Alta	Pipeline Stakeholder Engagement & Outreach	Michelle Feist
Digital Field Operations Apps and Dashboards - Providing a More Agile Way of Working	Monday, May 06 at 10:30am	Monday, May 06 at 11:00am	Brighton	Pipeline Technology & Innovation	Jana Bruen
The Importance of an Integrated Management System to Drive Safety Outcomes	Monday, May 06 at 10:30am	Monday, May 06 at 11:00am	Snowbird	Pipeline Operational Excellence	Jim Francis
RAM Analysis (Reliability, Availability, and Maintainability) of the OBATI Pumping System	Monday, May 06 at 11:10am	Monday, May 06 at 11:40am	Solitude	Pipeline Operational Excellence	Lucas Correa
Data Management for Pipeline Safety and Asset Knowledge Management	Monday, May 06 at 11:10am	Monday, May 06 at 11:40am	Brighton	Pipeline Technology & Innovation	Monique Roberts
The Missing Link to FRMS Success: Driving Adoption	Monday, May 06 at 11:10am	Monday, May 06 at 11:40am	Regency C	Pipeline Workforce Development	Jennifer Kline Shernoff, Sachin Agrawal, Sachin Agrawal
Locating a lost/stuck pig in a pipeline using XLI PWA technology	Monday, May 06 at 11:10am	Monday, May 06 at 11:40am	Traverse	Pipeline Technology & Innovation	Morgan Dormaar
Sustainable Landscapes Progress and Lessons Learned	Monday, May 06 at 11:10am	Monday, May 06 at 12:20pm	Regency D	Pipeline Environmental,	Scott Sharpe



				Social & Governance	
Pipeline Safety Management Systems (SMS): Contractor Assessment Tool and Contractor Assessment Program Pilots	Monday, May 06 at 11:10am	Monday, May 06 at 11:40am	Snowbird	Pipeline Operational Excellence	Colin Frazier
Environmental Justice: An Introduction to Regulatory Methodologies and Proactive Industry Response	Monday, May 06 at 11:10am	Monday, May 06 at 11:40am	Alta	Pipeline Stakeholder Engagement & Outreach	Aron Velasquez, Ellie Murphy
Driving Innovation & Disruptive Knowledge Transfer for the Next Generation of Energy Workers	Monday, May 06 at 11:50am	Monday, May 06 at 12:20pm	Regency C	Pipeline Workforce Development	Lee Krywitsky
Achieving optimal levels of uncertainty and conservatism in the integrity management of metal loss anomalies	Monday, May 06 at 11:50am	Monday, May 06 at 12:20pm	Traverse	Pipeline Technology & Innovation	Tuan-Anh Pham
CO2 Pipeline Safety and the Importance of Meaningful Public Engagement	Monday, May 06 at 11:50am	Monday, May 06 at 12:20pm	Alta	Pipeline Stakeholder Engagement & Outreach	Amanda McKay, Virginia Wiltshire-Gordon
Modernizing Pipeline Inspection: Above Ground Marker (AGM) Data Alignment for Accurate Geohazard Pipe Movement Identification	Monday, May 06 at 11:50am	Monday, May 06 at 12:20pm	Brighton	Pipeline Technology & Innovation	Michael Murray
Increasing Pipeline Profitability by Optimizing Movement Cost	Monday, May 06 at 11:50am	Monday, May 06 at 12:20pm	Solitude	Pipeline Operational Excellence	Jennifer Worthen
Pipeline SMS Practice Exchange	Monday, May 06 at 1:30pm	Monday, May 06 at 2:00pm	Snowbird	Pipeline Operational Excellence	Amy Willis, Ashley Donnini, David Murk, Jim Francis
API RP 1185 – What Is It and What Does It Mean for Pipeline Public Engagement?	Monday, May 06 at 1:30pm	Monday, May 06 at 2:00pm	Regency D	Pipeline Stakeholder Engagement & Outreach	Sam Minifie
Human Capital & The Regulatory Environment	Monday, May 06 at 1:30pm	Monday, May 06 at 2:00pm	Regency C	Pipeline Workforce Development	Rebecca Winkel
Two-Phase CO2 Flow Behavior in Horizontal Piping	Monday, May 06 at 1:30pm	Monday, May 06 at 2:00pm	Alta	Pipeline Low Carbon Energy Outlook	Eugene Hoffman



Converging Gas Pipeline Modeling and Commercial Excellence: A Seamless Integration	Monday, May 06 at 1:30pm	Monday, May 06 at 2:00pm	Solitude	Pipeline Operational Excellence	Martha Rendon, Paul Dickerson
PRCI Research Results: Project EC-08-11, Pipeline Cathodic Protection Monitoring Using Real Time Current Measurement	Monday, May 06 at 1:30pm	Monday, May 06 at 2:00pm	Brighton	Pipeline Technology & Innovation	Dale Lindemuth
Panel Discussion: API RP 1185 is Published. Now What? (60 Minutes)	Monday, May 06 at 2:10pm	Monday, May 06 at 3:20pm	Regency D	Pipeline Stakeholder Engagement & Outreach	Jack Willingham, Molly Laughlin Doran, Rich Johnson
PANEL on Best Practices for Strengthening Company Culture	Monday, May 06 at 2:10pm	Monday, May 06 at 3:20pm	Regency C	Pipeline Workforce Development	Allison Weinberg, Bailey Sartori, David Gregory
State-of-the-Art NDE QAQC Automation Software Tool Development	Monday, May 06 at 2:10pm	Monday, May 06 at 2:40pm	Traverse	Pipeline Technology & Innovation	Eric Allen
Understanding How New Regulatory Requirements Impact IMP	Monday, May 06 at 2:10pm	Monday, May 06 at 2:40pm	Snowbird	Pipeline Operational Excellence	Nicole Tebow
State and Federal TVC Audit Preparedness	Monday, May 06 at 2:10pm	Monday, May 06 at 2:40pm	Solitude	Pipeline Operational Excellence	Trish Thomason
Ensuring Pipeline safety for Carbon capture and Storage (CCS) through Real-time monitoring and leak detection	Monday, May 06 at 2:10pm	Monday, May 06 at 2:40pm	Alta	Pipeline Low Carbon Energy Outlook	Prateem Hangloo
A comparison of EMAT reported, lab UT measured against actual and impact to crack assessment	Monday, May 06 at 2:10pm	Monday, May 06 at 2:40pm	Brighton	Pipeline Technology & Innovation	Jing Wang
Natural Gas Regulatory Update	Monday, May 06 at 2:50pm	Monday, May 06 at 3:20pm	Snowbird	Pipeline Operational Excellence	Chris Foley
A Standardized Approach to Transmission Tracking and Traceability	Monday, May 06 at 2:50pm	Monday, May 06 at 3:20pm	Brighton	Pipeline Technology & Innovation	Shannon Katcher
Crack Assessment Requirements for Liquid and Gas Pipelines	Monday, May 06 at 2:50pm	Monday, May 06 at 3:20pm	Solitude	Pipeline Operational Excellence	Chris Bullock, Lane Dobscha
Innovative Non-Destructive Toughness Testing Methods	Monday, May 06 at 2:50pm	Monday, May 06 at 3:20pm	Traverse	Pipeline Technology & Innovation	Xuejun Huang



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Innovative Solutions for Decarbonization of a Subsea Pipeline Network	Monday, May 06 at 2:50pm	Monday, May 06 at 3:20pm	Alta	Pipeline Low Carbon Energy Outlook	Qasim Saleem
Planning for Preventive and Mitigative Actions: A Data-Driven Strategy to Address Risks	Monday, May 06 at 3:50pm	Monday, May 06 at 4:20pm	Snowbird	Pipeline Operational Excellence	Jake Murray
Human Behavioral Aspects on Operator Training System: a New Approach	Monday, May 06 at 3:50pm	Monday, May 06 at 4:20pm	Alta	Pipeline Workforce Development	Fabio Limeira, Rodrigo Mourao, Thiago Bonfim
Hydrotesting in the modern world - What are we looking for?	Monday, May 06 at 3:50pm	Monday, May 06 at 4:20pm	Solitude	Pipeline Operational Excellence	Rick Sugden
The California Pipeline Emergency Responder Initiative Program (CAL PERI), New Beginnings	Monday, May 06 at 3:50pm	Monday, May 06 at 5:00pm	Regency D	Pipeline Stakeholder Engagement & Outreach	Philip Oakes
Developing Carbon Dioxide and Hydrogen Pipelines Amid Regulatory Uncertainty	Monday, May 06 at 3:50pm	Monday, May 06 at 4:20pm	Regency C	Pipeline Low Carbon Energy Outlook	Michael Diamond
Tracking Key Outcomes of the PRCI Crack Management Strategic Research Priority	Monday, May 06 at 3:50pm	Monday, May 06 at 4:20pm	Traverse	Pipeline Technology & Innovation	Taylor Shie
Modernizing Aerial Patrol - First Detection of a Real Seep Leak, Encroachments, and Exposed Pipes	Monday, May 06 at 3:50pm	Monday, May 06 at 4:20pm	Brighton	Pipeline Technology & Innovation	Eric Bergeron, Paige Chenevey
Loss of Primary Containment Assurance and Optimization of Risk Treatment	Monday, May 06 at 4:30pm	Monday, May 06 at 5:00pm	Snowbird	Pipeline Operational Excellence	John Dombroski
Anhydrous Ammonia Pipeline Experience in the United States	Monday, May 06 at 4:30pm	Monday, May 06 at 5:00pm	Regency C	Pipeline Low Carbon Energy Outlook	Ken Lee
Biodiversity as Market Differentiation: Exploring cost efficiencies and risk reductions	Monday, May 06 at 4:30pm	Monday, May 06 at 5:00pm	Alta	Pipeline Environmental, Social & Governance	Ellie Murphy, Michael Retterer
Multi-application use of edge compute in large scale midstream operations	Monday, May 06 at 4:30pm	Monday, May 06 at 5:00pm	Solitude	Pipeline Operational Excellence	Andrew Hinz, Charles Smith
Elastic-Plastic Finite Element Analysis Utilizing Detailed Crack Profiles	Monday, May 06 at 4:30pm	Monday, May 06 at 5:00pm	Traverse	Pipeline Technology & Innovation	Ryan Holloman



Application and Evaluation of a Novel Drone-Based Approach to Measuring Pipeline Burial Depth	Monday, May 06 at 4:30pm	Monday, May 06 at 5:00pm	Brighton	Pipeline Technology & Innovation	Jared Rinker, Jeff Barry, Mehdi Laichoubi
Fatigue Assessment of Pipeline Ovalities Discovered During Construction	Monday, May 06 at 5:10pm	Monday, May 06 at 5:40pm	Traverse	Pipeline Technology & Innovation	Kenny Farrow
Managing Pipeline Depth of Cover Concerns Within Tillable Fields Through Conservation Agriculture Programs	Monday, May 06 at 5:10pm	Monday, May 06 at 5:40pm	Regency D	Pipeline Stakeholder Engagement & Outreach	Andy Oswalt
Integrating LiDAR into Geohazard Management Program	Monday, May 06 at 5:10pm	Monday, May 06 at 5:40pm	Snowbird	Pipeline Operational Excellence	Kris Covey
The Technical and Policy Challenges Facing Carbon Dioxide Pipeline Development	Monday, May 06 at 5:10pm	Monday, May 06 at 5:40pm	Regency C	Pipeline Low Carbon Energy Outlook	John Godfrey
Tuesday, May 7, 2024					
Innovative pipeline integrity solution with self-monitoring Smartpipe® replacement in DOT Class 3 location	Tuesday, May 07 at 8:00am	Tuesday, May 07 at 8:30am	Traverse	Pipeline Technology & Innovation	Alex Nemeth, Aron Ekelund, Christopher Littlestar, Justin Reed, Liang-Hai Lee, Robin McIntosh
Under Pressure: Petroleum Pipelines, People Problems, and Managing Legal Risk	Tuesday, May 07 at 8:00am	Tuesday, May 07 at 8:30am	Alta	Pipeline Stakeholder Engagement & Outreach	Jesse Nation, Louis Thomas Kraus Jr.
The Future of Operational Excellence - Applying pipeBOT Automation Technology at Phillips 66	Tuesday, May 07 at 8:00am	Tuesday, May 07 at 8:30am	Regency D	Pipeline Operational Excellence	Vicki Knott
Ground Disturbance Detection Using Distributed Fiber Optic Sensing to Safeguard Pipeline Integrity	Tuesday, May 07 at 8:00am	Tuesday, May 07 at 8:30am	Brighton	Pipeline Technology & Innovation	Ehsan Jalilian, Ify Abii-Ndoh
Protect Pipes from Over Pressure during Purge at Phillips 66	Tuesday, May 07 at 8:00am	Tuesday, May 07 at 8:30am	Snowbird	Pipeline Operational Excellence	Fan Zhang
Pipeline Integrity Operation Windows for Energy Transition	Tuesday, May 07 at 8:00am	Tuesday, May 07 at 8:30am	Solitude	Pipeline Operational Excellence	Jeremy Staats, Kimberly Williams



Under the Umbrella: Incorporating Field Personnel into Stakeholder Engagement	Tuesday, May 07 at 8:40am	Tuesday, May 07 at 9:10am	Alta	Pipeline Stakeholder Engagement & Outreach	Meg Blackwood
The SCC management framework executed by Petrobras Transporte to assess its 8,500km of pipelines.	Tuesday, May 07 at 8:40am	Tuesday, May 07 at 9:10am	Snowbird	Pipeline Operational Excellence	Alexandre Seewald
Utilizing Software Tools to Align Internal Policies with Regulatory Requirements	Tuesday, May 07 at 8:40am	Tuesday, May 07 at 9:10am	Solitude	Pipeline Operational Excellence	Russel Treat
Factors to consider when determining suitability of Engineering Critical Assessment per 192.712 (c)	Tuesday, May 07 at 8:40am	Tuesday, May 07 at 9:10am	Traverse	Pipeline Technology & Innovation	Jing Wang, Joe Bratton, Shanshan Wu
Pipeline Mechanical Protection: HDPE as an alternative to Concrete Slab	Tuesday, May 07 at 8:40am	Tuesday, May 07 at 9:10am	Brighton	Pipeline Technology & Innovation	Mohamed Ali Abdullah
Pipelines and Voluntary Conservation Agreements for Endangered and At-Risk Species	Tuesday, May 07 at 8:40am	Tuesday, May 07 at 9:50am	Regency D	Pipeline Environmental, Social & Governance	Caroline Hernandez, David Marhofer
Assessing Consequences of CO2 Releases Using a Range Qualitative to Quantitative Approaches	Tuesday, May 07 at 8:40am	Tuesday, May 07 at 9:10am	Regency C	Pipeline Low Carbon Energy Outlook	Jeremy Fontenault, Matt Horn
Dispersion modeling and determination of impact zones for CO2 pipelines	Tuesday, May 07 at 9:20am	Tuesday, May 07 at 9:50am	Regency C	Pipeline Low Carbon Energy Outlook	Simon Gant
Safety Algorithm: Development of a Risk Indicator to Aid in Safety Program Evaluation	Tuesday, May 07 at 9:20am	Tuesday, May 07 at 9:50am	Snowbird	Pipeline Operational Excellence	Mark Friend
Communicating Risk, Consequence, and Very Unlikely "Bad Days" Using Dispersion Models	Tuesday, May 07 at 9:20am	Tuesday, May 07 at 9:50am	Alta	Pipeline Stakeholder Engagement & Outreach	April Holdren, Matt Horn
Examining the Effect of Flattening CVN Impact Specimens	Tuesday, May 07 at 9:20am	Tuesday, May 07 at 9:50am	Solitude	Pipeline Operational Excellence	David Futch



How to Prove A Gut Feeling: Analyzing Third-Party Damage Threat Using Weighted Overlay Analysis	Tuesday, May 07 at 9:20am	Tuesday, May 07 at 9:50am	Brighton	Pipeline Technology & Innovation	Alex Holland, Shannon Murchison
ASSESSMENT OF ABRASION RESISTANCE OVERLAY (ARO) WRAPS FOR HORIZONTAL DIRECTIONAL DRILLING (HDD)	Tuesday, May 07 at 10:20am	Tuesday, May 07 at 10:50am	Solitude	Pipeline Operational Excellence	Colton Sheets, Scott Perry
Maximizing Output of Fluid Pipelines and Environmental Responsibility; Balancing Strategies for the Future	Tuesday, May 07 at 10:20am	Tuesday, May 07 at 10:50am	Regency C	Pipeline Environmental, Social & Governance	Jefferson Linantud
In-line inspection of non-piggable pipelines using self-propelled UT technology	Tuesday, May 07 at 10:20am	Tuesday, May 07 at 10:50am	Snowbird	Pipeline Operational Excellence	John Nonemaker
Facility Leak Detection Leveraging Artificial Intelligence and Operational Cameras	Tuesday, May 07 at 10:20am	Tuesday, May 07 at 10:50am	Brighton	Pipeline Technology & Innovation	Josh Beard, Luke Miller
Hydrogen Blended Natural Gas Flow Measurement Challenges for Local Distribution	Tuesday, May 07 at 10:20am	Tuesday, May 07 at 10:50am	Regency D	Pipeline Low Carbon Energy Outlook	Angel Wileman, Matthew Godush
Tips and Tricks for Navigating the Valve Rule	Tuesday, May 07 at 10:20am	Tuesday, May 07 at 10:50am	Traverse	Pipeline Technology & Innovation	Nicole Tebow
How to Train over 18,000 First Responders	Tuesday, May 07 at 10:20am	Tuesday, May 07 at 10:50am	Alta	Pipeline Stakeholder Engagement & Outreach	Philip Oakes
Integrity insights and spend optimization with analytics	Tuesday, May 07 at 11:00am	Tuesday, May 07 at 11:30pm	Solitude	Pipeline Operational Excellence	Pankaj Tandon
Operational Integrity of Valve Auxiliary Fittings, Performance and Design	Tuesday, May 07 at 11:00am	Tuesday, May 07 at 11:30am	Brighton	Pipeline Technology & Innovation	Jefferson Linantud
The Journey from Paper to Electronic Outreach-Lessons Learned From Challenging the Status Quo	Tuesday, May 07 at 11:00am	Tuesday, May 07 at 11:30am	Alta	Pipeline Stakeholder Engagement & Outreach	Lindsay Sander, Tina Beach
50-in-5: How We Can Cut Underground Utility Damages in Half by 2028	Tuesday, May 07 at 11:00am	Tuesday, May 07 at 11:30am	Regency C	Pipeline Environmental, Social & Governance	Sam Hall



PHMSA Rupture Mitigation Valve Rule: Role of Consequence Modeling to Meet New Requirements	Tuesday, May 07 at 11:00am	Tuesday, May 07 at 11:30am	Traverse	Pipeline Technology & Innovation	Jeremy Fontenault
OPEX Optimisation for Un-Piggable Vent Line/Low Flow Pipeline Inspection via Self-Propelling Robotic ILLI Tool	Tuesday, May 07 at 11:00am	Tuesday, May 07 at 11:30am	Snowbird	Pipeline Operational Excellence	Mohamed Ali Abdullah
Energy – Where We Were, Are, and Are Going	Tuesday, May 07 at 11:00am	Tuesday, May 07 at 11:30am	Regency D	Pipeline Low Carbon Energy Outlook	Thomas Miesner
DWS Case Study: A Focus on Social & Governance in ESG reporting	Tuesday, May 07 at 11:40am	Tuesday, May 07 at 12:10pm	Regency C	Pipeline Environmental, Social & Governance	Donald Racey
Increasing Valve Regulatory Conformance and Inspection Preparation Through Valve Maintenance; Schedule Theory	Tuesday, May 07 at 11:40am	Tuesday, May 07 at 12:10pm	Traverse	Pipeline Technology & Innovation	Jefferson Linantud
Energy Choices and Consequences	Tuesday, May 07 at 11:40am	Tuesday, May 07 at 12:10pm	Regency D	Pipeline Low Carbon Energy Outlook	Thomas Miesner
Microwave Inspection Development and Evaluation for Spoolable Composite Pipe	Tuesday, May 07 at 11:40am	Tuesday, May 07 at 12:10pm	Brighton	Pipeline Technology & Innovation	Chantz Denowh
Scott White Keynote	Tuesday, May 07 at 1:30pm	Tuesday, May 07 at 2:30pm	Regency CD		
Improving Remote Detection, Verification and Assessment of Liquid/Hydrocarbon Leaks using AI Vision with Quantification	Tuesday, May 07 at 2:40pm	Tuesday, May 07 at 3:10pm	Traverse	Cybernetics External Leak Detection Advancements	Shane Rogers
Precision in Action: Mastering Leak Detection through optimal Tuning in CPM systems	Tuesday, May 07 at 2:40pm	Tuesday, May 07 at 3:10pm	Brighton	Cybernetics Internal Leak Detection Advancements	Aaron Tucker, Phani Kanakamedala
Simulating Leaks to Satisfy API 1130 Testing Requirements	Tuesday, May 07 at 2:40pm	Tuesday, May 07 at 3:10pm	Alta	Cybernetics Leak Detection program and Operator Trainer System	James Hoover, James McFall, Paul Dickerson



Computational solution for gas network daily planning and automated linepack boundaries calculation	Tuesday, May 07 at 3:40pm	Tuesday, May 07 at 4:10pm	Snowbird	Cybernetics ML Automation	Bruno Amorim, Leticia Rodrigues, Marcelo Cruz
CRM Compliance Documentation Requirements: What is Required and What Is Not?	Tuesday, May 07 at 3:40pm	Tuesday, May 07 at 4:10pm	Traverse	Control Room Regulatory Interpretations & Inspection Findings	Jennifer Rader
Fiber Optic LD System Operationalization	Tuesday, May 07 at 3:40pm	Tuesday, May 07 at 4:10pm	Regency C	Cybernetics External Leak Detection Advancements	Clarice Ng, Norene Okungbowa
A Model Based Approach to Testing Leak Detection in a Runtime Environment	Tuesday, May 07 at 3:40pm	Tuesday, May 07 at 4:10pm	Alta	Cybernetics Leak Detection program and Operator Trainer System	Phillip Higginbotham, Robert Hickox
Control Room Lessons Learned While Providing Litigation Consulting	Tuesday, May 07 at 3:40pm	Tuesday, May 07 at 4:10pm	Regency D	Control Room Control Room Management Best Practice Share	Thomas Miesner
Enhancing Leak Location Estimation Accuracy using Pressure Gradient Intersection Technique via Data Analytics	Tuesday, May 07 at 3:40pm	Tuesday, May 07 at 4:10pm	Brighton	Cybernetics Internal Leak Detection Advancements	Mahesh Iyer, Mark Halder
Team Training, Operational Collaboration during normal, abnormal, or emergency operations.	Tuesday, May 07 at 3:40pm	Tuesday, May 07 at 4:10pm	Solitude	Control Room Team Training	Wallace McGaughey
Operational continuity in the event of a total failure of the SCADA system	Tuesday, May 07 at 4:20pm	Tuesday, May 07 at 4:50pm	Regency D	Control Room Control Room Management Best Practice Share	Marcelo Cruz, Rafael Paes, Rafaela Pedrassani
Analytical View of PHMSA CRM Enforcement Cases	Tuesday, May 07 at 4:20pm	Tuesday, May 07 at 4:50pm	Traverse	Control Room Regulatory Interpretations & Inspection Findings	Byron Coy PE
Team Training Best Practices	Tuesday, May 07 at 4:20pm	Tuesday, May 07 at 4:50pm	Solitude	Control Room Team Training	Trish Thomason, Vickie Cain
Improving business and operational efficiencies of scheduling liquid hydrocarbon pipelines	Tuesday, May 07 at 4:20pm	Tuesday, May 07 at 4:50pm	Snowbird	Cybernetics ML Automation	Brian McManus, Dieter Sticht, Lindsay Hildebrand



An Operator's Perspective using more Edge devices within an Operational Technology (OT) environment for pipeline leak detection..	Tuesday, May 07 at 4:20pm	Tuesday, May 07 at 4:50pm	Regency C	Cybernetics External Leak Detection Advancements	Nikolaos Salmatanis
CECONY Transforming Training using Operator Training Simulator	Tuesday, May 07 at 4:20pm	Tuesday, May 07 at 4:50pm	Alta	Cybernetics Leak Detection program and Operator Trainer System	Bryon Long
Using Time Series Data Analytics to Drive Improvements for Internal Monitoring Leak Detection Systems	Tuesday, May 07 at 4:20pm	Tuesday, May 07 at 4:50pm	Brighton	Cybernetics Internal Leak Detection Advancements	Andy Foltz
Navigating Diverse Outcomes from CRM Inspections	Tuesday, May 07 at 5:00pm	Tuesday, May 07 at 5:30pm	Traverse	Control Room Regulatory Interpretations & Inspection Findings	Ali Gibson
Ground flow patterns of simulated gas leaks from buried pipelines in field conditions	Tuesday, May 07 at 5:00pm	Tuesday, May 07 at 5:30pm	Regency C	Cybernetics External Leak Detection Advancements	Alex de Joode
Integrated Program for Supporting Emergency Gas Pipeline Manual Operations: Structure and Challenges	Tuesday, May 07 at 5:00pm	Tuesday, May 07 at 5:30pm	Regency D	Control Room Control Room Management Best Practice Share	Eduardo Mercon, Gustavo Neves, Henrique Costa, Sergio Barreto
Driving Growth and Innovation - Applying maxOPT Optimization Technologies at Phillips 66	Tuesday, May 07 at 5:00pm	Tuesday, May 07 at 5:30pm	Snowbird	Cybernetics ML Automation	Evan George, Vicki Knott
Benefits and risks of Adoption of AI and ML technology in the pipeline control room	Tuesday, May 07 at 5:00pm	Tuesday, May 07 at 5:30pm	Solitude	Control Room Emerging Tech & the Future Workforce	Jennifer Worthen, Paul Dickerson
Compliance with API 195.417 Rupture detection classification	Tuesday, May 07 at 5:00pm	Tuesday, May 07 at 5:30pm	Alta	Cybernetics Leak Detection program and Operator Trainer System	Adrian Kane, Jake Jan
Over 2100 pipeline thefts detected – What should you look for?	Tuesday, May 07 at 5:00pm	Tuesday, May 07 at 5:30pm	Brighton	Cybernetics Internal Leak Detection Advancements	Alejandro LUPIAÑEZ, Damien Ravel
Wednesday, May 8, 2024					
Facilitating Effective Alarm Management	Wednesday, May 08 at 8:00am	Wednesday, May 08 at 8:30am	Regency C	Control Room Alarm Management	Russel Treat



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Predictive Analytics Model for Natural Gas Transportation Consumption	Wednesday, May 08 at 8:00am	Wednesday, May 08 at 8:30am	Brighton	Cybernetics ML Automation	Leticia Rodrigues, Marcus Nogueira, Rachel Miranda Dantas, Rafaela Pedrassani, Wallthynay Arruda
How can Companies Meet the Changing Needs of Controllers?	Wednesday, May 08 at 8:00am	Wednesday, May 08 at 8:30am	Traverse	Control Room Emerging Tech & the Future Workforce	Michele Terranova
Breaking Silos in Control Room Business Processes	Wednesday, May 08 at 8:00am	Wednesday, May 08 at 8:30am	Regency D	Control Room Control Room Management Best Practice Share	Juan Serinya
Integrating MQTT into Modern SCADA	Wednesday, May 08 at 8:00am	Wednesday, May 08 at 8:30am	Solitude	Cybernetics SCADA	Brian Engbers, Jake Hawkes, Peter Boyle
Ensuring Continued Leak Detection Performance Through Holistic Monitoring	Wednesday, May 08 at 8:00am	Wednesday, May 08 at 8:30am	Alta	Cybernetics Leak Detection program and Operator Trainer System	Braden Fitz-Gerald
Process for pipeline stand-up pressure test: a reliable method for integrity verification	Wednesday, May 08 at 8:00am	Wednesday, May 08 at 8:30am	Snowbird	Cybernetics External Leak Detection Advancements	Prabhas Bhat, Vladimir Grinfelds
Real-Time Optimization Solution Driving Sustainable Growth in Liquid Pipeline Operations	Wednesday, May 08 at 8:40am	Wednesday, May 08 at 9:10am	Brighton	Cybernetics ML Automation	Hossein Shahandeh
Smart Alarm Management	Wednesday, May 08 at 8:40am	Wednesday, May 08 at 9:10am	Regency C	Control Room Alarm Management	Kody Cammack
Marathon's approach to meeting the TSA CIP and CAP requirements	Wednesday, May 08 at 8:40am	Wednesday, May 08 at 9:10am	Solitude	Cybernetics Cybersecurity	Andy Gross, Asa Queen
Impact of a Comprehensive Offline Trainer for Liquid Pipeline Operations	Wednesday, May 08 at 8:40am	Wednesday, May 08 at 9:10am	Regency D	Control Room Team Training	Daena Schumacher, Max Martinez
Operator Wellbeing in Control Rooms: A Vital Priority	Wednesday, May 08 at 8:40am	Wednesday, May 08 at 9:10am	Traverse	Control Room Emerging Tech & the Future Workforce	Fiona Campbell
Simulation of Anthropogenic CO2 in CPM Leak Detection Systems	Wednesday, May 08 at 8:40am	Wednesday, May 08 at 9:10am	Snowbird	Cybernetics Internal Leak Detection Advancements	Gregory Morrow
Leak Detection Program KPI Metrics	Wednesday, May 08 at 8:40am	Wednesday, May 08 at 9:10am	Alta	Cybernetics Leak Detection program and Operator Trainer System	Kaitlin McCauley



Application of rule-based logic to improve integrated external sensing systems and decision quality for Control Room Operations	Wednesday, May 08 at 9:20am	Wednesday, May 08 at 9:50am	Traverse	Control Room Emerging Tech & the Future Workforce	Richard Attaway, Ty Jenkins
Best Practices and Trends in Measuring Controller Workload	Wednesday, May 08 at 9:20am	Wednesday, May 08 at 9:50am	Regency C	Control Room Alarm Management	Christina Via, Michele Terranova
Effective Analysis of Column Separation	Wednesday, May 08 at 9:20am	Wednesday, May 08 at 9:50am	Regency D	Control Room Control Room Management Best Practice Share	Denis Charbonneau
A discussion on Leak Detection KPIs	Wednesday, May 08 at 9:20am	Wednesday, May 08 at 9:50am	Alta	Cybernetics Leak Detection program and Operator Trainer System	Jon Van Reet, Prabhas Bhat
Control Room Automation	Wednesday, May 08 at 9:20am	Wednesday, May 08 at 9:50am	Brighton	Cybernetics ML Automation	Kyle Brown
Manual Pipeline Operations – Staffing for Control Room & Field Personnel	Wednesday, May 08 at 10:00am	Wednesday, May 08 at 10:30am	Regency D	Control Room Manual Pipeline Operation & Business Continuity	Paul Vahalik
Alarm Management Implementation Challenges and Best Practices	Wednesday, May 08 at 10:00am	Wednesday, May 08 at 10:30am	Regency C	Control Room Alarm Management	Ali Gibson
Working with Kinder Morgan to Provide Advanced Leak Detection for HVL Assets	Wednesday, May 08 at 10:00am	Wednesday, May 08 at 10:30am	Snowbird	Cybernetics Internal Leak Detection Advancements	Stuart Mitchell
A Transformative Real-Time Solution Shaping the Future of Control Room Operations in Pipeline Industry	Wednesday, May 08 at 10:00am	Wednesday, May 08 at 10:30am	Traverse	Control Room Emerging Tech & the Future Workforce	Hossein Shahandeh
Integrated Monitoring with PI and Machine Learning Algorithms for Generation of Operational Alerts in Gas Transport	Wednesday, May 08 at 10:00am	Wednesday, May 08 at 10:30am	Brighton	Cybernetics ML Automation	Letícia Rodrigues, Marcus Nogueira, Rachel Miranda Dantas, Rafaela Pedrassani, Wallthynay Arruda
Change Management Best Practices for Computational Pipeline Monitoring Leak Detection Systems at Phillips 66	Wednesday, May 08 at 10:00am	Wednesday, May 08 at 10:30am	Alta	Cybernetics Leak Detection program and Operator Trainer System	Kranthi Kollati
Delivering Operational Data to the Enterprise:	Wednesday, May 08 at 10:00am	Wednesday, May 08 at 10:30am	Solitude	Cybernetics SCADA	Adam Runyan



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A Case Study of MQTT and SparkplugB					
Control Room Management Best Practice Share	Wednesday, May 08 at 11:00am	Wednesday, May 08 at 12:00pm	Regency C	Control Room Control Room Management Best Practice Share	Billy Bown
Cybernetics Roundtable	Wednesday, May 08 at 11:00am	Wednesday, May 08 at 12:00pm	Regency D	Cybernetics Leak Detection program and Operator Trainer System	
Control Room Roundtable	Wednesday, May 08 at 11:00am	Wednesday, May 08 at 12:00pm	Regency C	Control Room Control Room Management Best Practice Share	