

TRACK						Afternoon Tracks/Sessions	TRACK					
20-Apr-21	-11:00 AM ET	-11:30 AM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		20-Apr-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET	-3:30 PM ET	-4:00 PM ET
	Welcome by Angie Kolar, Colonial Pipeline, Chair, API Pipeline Subcommittee; Keynote by Mike Sommers, President and CEO, API 11:00 AM-11:30 AM ET	Distinguished Pipeline Safety Awards Ceremony 11:30 AM-12:00 PM ET					Pipeline - Asset Integrity I, Moderator: Fan Zhang, Phillips 66	PL42 - The Convergence of Reliability and Integrity Data in Asset Performance Management, Kevin Mackie, Siemens Energy	PL17 - Enhanced Classification of Gouge Anomalies using Multiple LI Data Set, Matt Ramsey, TD Williamson	PL5 - Influence of Composition on Non-Destructive Yield Strength Estimates for Line Pipe Steel, Joel Anderson, RSI Pipeline Solutions	PL6B - Statistical Approaches for Validating NDE Predictions of Low Pipe Material Properties, Jeffrey Komata, Exponent, Inc.	PL73 - Revolutionizing Pipeline Integrity Management: Intervention-less or Zero-Intervention?, Mohd Nazim, Petrosina
22-Apr-21	-11:00 AM ET	-11:30 AM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		22-Apr-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET	-3:30 PM ET	
Pipeline - Human Factors & Safety Culture - Moderator: Mark Weesner, SMW Principle Solutions	PL15 - Best Practices to Next Practices: CGA Data Informs New Generation of Damage Prevention Initiatives, Sarah Magruder Lyle, Common Ground Alliance	PL40 - Human and Organizational Factors (HOF) and How They Affect Safety and Operational Excellence, Al Gibson, Pipeline Performance Group	PL37 - Taking Safety From the Executive Office to the Frontline: How to Demonstrate Commitment, Justin Garschaw - Caterpillar, Inc.				Control Room - Point-to-Point Testing, Moderator: Billy Bown, Marathon	CR63 - Facilitating P2P Testing Compliance Through Software - A Case Study of Wolverine, Jonathan Watt, Wolverine Pipe Line Company	#24 SCADA HMI Design - A Case Study of Controller Involvement, Kate Leonard, Pipeline Performance Group			
27-Apr-21	-11:00 AM ET	-11:30 AM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		27-Apr-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET		
Pipeline - Emergency Response/Oil Spills, Moderator: John Grams, GHD	PL30 - Identifying PHMSA HCA Could-Affect Segments for Offshore Pipelines: A New Approach, Matthew Horn, RPS	PL46 - Incident Command Futurism, Josh Graevemier, Arcadis and Greg McGowan, US Fish & Wildlife	PL 70 Net Environmental Benefit Analysis, Virginia King, Stantec	PL38 - Comparison of Empirical, 1-D, and 2-D Solutions for Estimating Consequences of Hazardous Liquid Pipeline Releases - Robin Magley, TRC Companies			Control Room - Control Room Management Audit, Moderator: Val Hibert, Conoco Phillips	CR54 - CRM Applications, the Benefits, and Challenges in an Audit, Tonia Unferfurth, Marathon Petroleum	CR59 - Preparing your Pipeline Operator for a Virtual PHMSA Inspection, Russell Trial, Enersys Corporation	CR102 - PHMSA's CRM Initiative, Byron Coy, PHMSA		
29-Apr-21	-11:00 AM ET	-11:30 AM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		29-Apr-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET		
Pipeline - Navigating the "New Normal" Moderator: Les Reschny, Enbridge	PL36 - Sustaining Operational Continuity during the Pandemic by Integrating SMS with Incident Management, Mike Smith, Colonial Pipeline Company	CV48 - Consoles for COVID - Jumping into Action, Kate Hughes, Enbridge	PL20 - Control Room Response to the COVID 19 Pandemic: Ways to Keep Controllers Healthy and Resilient, Michela Terranova, Pipeline Performance Group	PL 84 - Get Back to Work and Stay Working - COVID Protection Tools, Clint Gill, P66	CY27 - Leveraging Cloud Solutions to Elevate Your Safety & Security Program from an End User Perspective, Jovy St. Jacques, Feenics		Control Room - New On-coming Workforce, Moderator: Genry Rodriguez-Lee, Enbridge	CR10 - Thoughts About Training Delivery Methods which Improve Training Effectiveness and Efficiency, Tom Miesner, Pipeline Knowledge	CR31 - Workplace Fatigue in the Pipeline Industry - Best Practices for Minimizing Risk, Sachin Agrawal, Shiftboard and Mike Harrell, Solaris Fatigue Management	CR76 - Remote Coaching - Onboarding, Demetria Martinez, Chevron Pipeline and Power		
4-May-21	-11:00 AM ET	-11:30 AM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		4-May-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET		
Pipeline - Asset Integrity II, Moderator: Jeff Budzich, Arcadis	PL6 - Harnessing the Power of Advanced Analytics for Asset Management and Pipeline Optimization, Norman Rascof, Enbridge, Inc.	PL69 - Identification and Prioritization of Potential HVAC Interference Locations on a Transmission Pipeline, Kevin Garry, Meun	PL29 - Influence of Trench Breaker Foam on the Cathodic Protection of Pipeline, Mehrooz Zamanzadeh, Matergnics, Inc.	PL19 - Fluid Structure Interaction Assessment of Pipeline River Crossing with Concrete Weights, Saurea Pathak, BMT	PL61 - Characterization of Through-Wall Cracks and Resulting Leakage Rates in Pipelines, Elnah Ebrahimzadeh, Clertech - CANCELED		Control Room - Using Tech to Support CRM, Moderator: Christine Babcock, Marathon	CR6 - Consideration and Requirements for Implementing a Software-based CRM Document Management Solution, Juan Sarría, ToxyTech	CR 106 Control Room Design - The Challenges and the Solutions, Fiona Campbell, ABB	CR 95 Getting the Most out of Leak Detection Models in the Control Room, Boris Rodriguez, DNV		
May 6, 2021	-11:00 AM ET	-11:30 AM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		6-May-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET		
Pipeline - Stakeholder Engagement Outreach, Moderator: April Holden, Enbridge	PL25 - Tribal Engagement in Cultural and Environmental Resource Surveys for Linear Pipeline Projects - Julie Kloss Molina, Enbridge	PL39 - Stakeholder Engagement for a Comprehensive Pipeline Assurance Program, Evan Baker, SPAN Consulting	PL63 - Opportunities for Virtual Stakeholder Engagement in a Time of Transformative Change, Katrina Kroetz, GHD	PL 69 - Stakeholder Engagement Engine: It's Absolutely Possible to track AND it's Incredibly Enlightening, Stephen Hart, Perseverance			Control Room - Empowering Controllers for Decision Making, Moderator: Richard Attaway, Chevron	CR16 - An Alternative to Using Tabloid Exercises to Improve Operational Collaboration, Tom Miesner, Pipeline Knowledge	CR50 - Conducting Valuable Virtual Tabloid Exercises without the need for Proprietary Software, Sarah Hassanally, GHD	CR81 - Control Centre Training Program, Tyson Schielke, Enbridge Pipelines		
11-May-21	-11:30 AM ET	-12:00 PM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		11-May-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET		
Pipeline - Safety and Environmental Reliability - Moderator: Sam Minifie, API	PL22 - API PSMS Third-Party Assessment Program: Lessons from the First Year, Colin Frazer, American Petroleum Institute	PL47 - Integration of Assessments to Reduce Risk, Mary Campos, EXP Energy Services and David Toth, API	PL 99 How Emerging Research and AI can Prevent Worker Accidents, Mishal Thasani, Urbint	PL 106 Environmental Social Governance - Financial Institution Perspective, Olga Pambuk, Wells Fargo	PL 32 Leveraging our Pipeline Safety Management Systems in the COVID-19 era - Diversity, Equity and Inclusion, Scott Wilson, SPAN		Cybernetics - Remote Sensing and Imaging Sensors (Cameras) Technologies - Moderator: Wendy Abi Assali, Chevron	CR9 - Transforming Routine Aerial Patrol into Data Science-Driven Enterprise-Wide Intelligence Solutions, David Toth, American Aerospace Technologies, Inc. and Saffir Mobs, Chevron Pipeline	CR74 - Augmenting Right-of-Way airborne Visual Inspection with Artificial Intelligence: Flying towards the Future, Ray Philippakis, Enbridge and Eric Bergeron, Flyscan	CR2 - Remote Camera Monitoring Solutions, Roger Kuen, Northcoast Security and Josh Beard, Marathon	CR28 - Reducing Exposures with Improved Satellites and Hyperspectral Pipeline Monitoring in a Time of COVID, Peter Weaver, Orbital Sidekick	
13-May-21	-11:00 AM ET	-11:30 AM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		13-May-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET		
Pipeline - Workforce Development and Training, Moderator: John Grams, GHD	PL10 - Sharing Training Content Delivery Methods used by Pipeline Operators to Improve Training Effectiveness and Efficiency, Tom Miesner, Pipeline Knowledge, LLC	PL104 API ICP for Long Seam Pipe, Andrei Oghianides, API and John Nyholt, San Jacinto College	PL107 Pipeline Integrity SME Requirement as Part of Predicted Failure Pressure, Christopher De Leon, ROSEN	PL14 - Creating a Culture of Safety through Effective Leadership, Steve Anderson, Ph.D., Integrated Leadership System			Cybernetics - Automation - Moderator: Joe Lerma, NuStar Energy	CV26 - Artificial Intelligence, Machine Learning, and IoT-Based Automation Bring us Closer to Failure Operation, Dushyant Makadia, A&A Control System Consulting, LLC	CV8 - Automating Complex Pipeline Operations, Marc Patzold, GHD	CV 103 - Business Imperatives Drive Increasing Pipeline Operations Automation, Mike Demco, AVEVA		
18-May-21	-11:00 AM ET	-11:30 AM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		18-May-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET		
Pipeline - Project Design, Construction, Startup, Moderator: Jeff Budzich, Arcadis	PL28 - Emergency Flow Restricting Device (EFRD) Analysis for NGL Pipelines, Jeremy Fontanauff, RPS Group	PL45 - Review of Field Data from Horizontal Directional Drilling, Jay Bussey and Ali Ameli, Critical Crossings, LLC	PL76 - Successful Commissioning: How Planning and Agility Led to Success for Starting Gray Oak Pipeline, Douglas Perkins, and John Leffkosa, Phillips 66	PL101 - Using API RP 1177 and Pipeline System Construction Projects to Increase Quality Pipeline Implementations CANCELED			Cybernetics - Emerging Technologies - Moderator: Timothy Bach, Chevron Pipeline & Power	CY 7 - Automating Operational Data Analytics, Marc Patzold, GHD	CY 83 - Lowering Cost Structures and Optimizing Maintenance Strategies with Data Analytics, Brian McElaney and Justin Warbrough, Marathon Petroleum	PL44 - IoT and Edge Computing: Strategic Approaches, Opportunities & Decisions to Maximize Business Value, William Giles, Industrial Domains and Jeff Whitney, Barkana Resources	PL12 - Using Neural Network Theory to Improve the Robustness of GAS Pipeline Leak Detection Systems, Peter Hayward, Fowen Group CANCELED	
20-May-21	-11:00 AM ET	-11:30 AM ET	-12:00 PM ET	-12:30 PM ET	-1:00 PM ET		20-May-21	-2:00 PM ET	-2:30 PM ET	-3:00 PM ET		
Cybernetics - Leak Detection - Moderator: Phil Martin, Enbridge	CY 11 - Full Scale Performance Validation and Verification of an External Fiber Optic Leak Detection System, Assadul Murry, OptSense	CY 36 - Updates to API 1130 and API RP 1175, Jason Dalton, Marathon Pipe Line	CY 78 - Application Benefits of an Online Simulation System in a Gas Pipeline, Jun Zhang, Almas International and Flavio Henriques, TBG.	CY 85 - Survey of Facilities Leak Detection Technology, Bridget Fitzpatrick, Wood PLC			Cybernetics - Cybersecurity - Moderator: Billy Bown, Marathon Petroleum	CY93 - NIST CSF Integration Methodology, Brandy Miller, Marathon Petroleum	CY 92 - Never Read Now... What To Catch When in ICS, Dale Peterson, Digital Bond	CY 90 - API 1164 v3: The Biggest Impact to IAC Cybersecurity in a Decade, Tom Aubechins, Embrocure		