

COURSE SCHEDULE



Section	Pipeline Coatings Frank Rampton, Chair	AC Mitigation & Special Topics Brad Malcolm, Chair	Pipeline Integrity Management Joe Craycraft, Chair	Internal Corrosion Jason Rine, Chair
Room	Harrison A	Jefferson C	Jefferson B	Harrison C
MONDAY - February 27, 2023				
Rectifier Class 8:00 - 4:00	<i>All Day Rectifier Class - Harrison A - Don Olson, MobilTex</i>			
Hands-On 4:00 - 5:30	<i>Hands-On Demonstrations - Harrison DE</i>			
Gambling 6:00 - 9:00	Casino Night - Grand Foyer			
TUESDAY - February 28, 2023				
General Assembly 8:00-8:30	<i>General Assembly - Anthony Wayne Ballroom B Keynote Speaker - Mark Anderson, EN Engineering</i>			
Period 1 8:35-9:45	Successful Field Coating Applications Scott Feuquay - SL Feuquay	AC & DC Testing with Coupon Test Stations/Tools Clay Brelsford - Bass Engineering	HCA/MCA Determination: Methods and Tools for tracking changes over time: Jared Fowler (ENTrust Solutions Group - EN Engineering)	Introduction to Internal Corrosion Jason Rine - BK Corrosion
Coffee Break 9:45-10:05	<i>Coffee Break - Main Hall</i>			
Period 2 10:05-11:15	Surface Preparation Neil Pittman - Lake Superior Consulting	AC Corrosion During Construction - Case Study Ryan Buchs - EN Engineering	Valve Installation and Rupture Mitigation Rule Overview: Frank Halcarz III - AspenTech	Internal Corrosion Modeling Chris Kagarise - DNV GL
Period 3 11:20-12:30	Coating Inspection Techniques Chris Buyle - SME	AC Corrosion Study on a Coal Tar Pipeline Mike Baxter - Integrity Solutions	ILI System Selection and Technology Capabilities: Jim Finch - CenterPoint Energy	ILI Overview: Is your Corrosion Control Program Working Phil Tisovec - KMAX Inspection
Lunch 12:30-1:30	<i>Lunch and Award Ceremony - Convention Hall A</i>			
Period 4 1:30-2:40	Coating Inspection Equipment/Calibrations Chris Beninati - Elcometer	Case Study: AC Interference Mitigation Design Optimization through Holistic Analysis and Practical Approach Tyler Weiers - Campos EPC	Mega Rule RIN 2 Overview Mark Anderson	Field Sampling Jason Rine- BK Corrosion
Period 5 2:45-3:55	Hands On, rotating stations: Coating & inspection equipment N.Pittman, C.Beninati, C. Buyle, F. Rampton	AC Interference Case Studies Julian Hristov - Matcor	Mega Rule RIN 2 - Threat and Risk Analysis: Dan Rowe (NiSource)	TBD
Hands-On 4:00 - 5:30	<i>Hands-On Demonstrations - Harrison DE</i>			
Vendor Show 4:00 - 7:00	Vendor Show - Convention Hall A			
WEDNESDAY - March 1, 2023				
Period 6 8:00-9:10	Why wax based wraps are effective Frank Rampton - Trenton Corporation	Detecting AC Peaks with Fast Sampling to Calibrate AC Mitigation Systems Mill Jawed - MobilTex	Dents, Critical Strain, and Geohazards: Rhett Dotson (D2 Integrity, LLC)	no 2nd day classes
Period 7 9:15 - 10:25	(1) Pipeline Coatings & 192/195 Chuck Weindorf, IURC; Bill Lowry, PHMSA (2) Pipeline Coating Failures & Roundtable Chuck Weindorf, IURC; S. Hall	Obtaining an Accurate Off PSP on Pipelines with AC Mitigation Phil Eggen - Dairyland	TVC for New Construction - Lessons learned and Improvement Opportunities: Kyle Frayn, Peoples Gas	no 2nd day classes
Period 8 10:30 - 11:40	FBE, Liquid Epoxies & Patch Sticks on Pipelines Steve Hall - 3M	Static & Dynamic Stray Current Interference Brad Malcolm - Helios Rising	MAOP Reconfirmation Lessons Learned and Improvement Opportunities TBD	no 2nd day classes
Period 9 11:40 - 12:30	PHMSA RIN2 Update - Jefferson B DeWitt Burdeaux, RCP			

COURSE SCHEDULE



Section	Practical Applications of Corrosion Control Mark James, Chair	Basic Section Steve Glover, Chair	Intermediate Section Patrick Elpers, Chair	Advanced Section Keith Boswell, Chair
Room	Harrison B	Anthony Wayne Ballroom B	Anthony Wayne Ballroom A	Jefferson A
MONDAY - February 27, 2023				
Rectifier Class 8:00 - 4:00	<i>All Day Rectifier Class - Harrison A - Don Olson, MobilTex</i>			
Hands-On 4:00 - 5:30	<i>Hands-On Demonstrations - Harrison DE</i>			
Gambling 6:00 - 9:00	Casino Night - Grand Foyer			
TUESDAY - February 28, 2023				
General Assembly 8:00-8:30	<i>General Assembly - Anthony Wayne Ballroom B Keynote Speaker - Mark Anderson, EN Engineering</i>			
Period 1 8:35-9:45	Introduction to Corrosion Control Mark James - Marathon Pipeline	Principals of Basic Electricity Cody Harmon - Centerpoint Energy	Galvanic Anode Systems Eric Langelund - PCS	Impressed Current CP Design, Part 1 Keith Boswell - NPS
Coffee Break 9:45-10:05	<i>Coffee Break - Main Hall</i>			
Period 2 10:05-11:15	Coatings Instruction Doug Klingensmith - Unconventional Solutions Inc.	Corrosion Fundamentals Dan Rowe - NiSource	Impressed Current Anode Systems Eric Langelund - PCS	Impressed Current CP Design, Part 2 Keith Boswell - NPS
Period 3 11:20-12:30	Coatings Hands On Doug Klingensmith - Unconventional Solutions Inc.	Corrosion Control Heather Groll - AMPP	DC Interference Testing Part 1 Brent Shuler - NiSource	Cathodic Protection Installation Nathan Wood - Central Michigan CP
Lunch 12:30-1:30	<i>Lunch and Award Ceremony - Convention Hall A</i>			
Period 4 1:30-2:40	Cathodic Protection 1 Paul Flanderfer Enbridge	Fundamentals of Cathodic Protection (Part 1) Josh Brewer - Integrity Solutions	DC Interference Testing Part 2 Brent Shuler - NiSource	Deep Anode Cathodic Protection Design Nathan Wood - Central Michigan CP
Period 5 2:45-3:55	Cathodic Protection 2 Paul Flanderfer Enbridge	Fundamentals of Cathodic Protection (Part 2) Josh Brewer & Brent Shuler	AC Interference Part 1 Michael Baxter - Integrity Solutions	Soil Resistivity Testing for CP Design Carlos Melo - Vecor
Hands-On 4:00 - 5:30	<i>Hands-On Demonstrations - Harrison DE</i>			
Vendor Show 4:00 - 7:00	Vendor Show - Convention Hall A			
WEDNESDAY - March 1, 2023				
Period 6 8:00-9:10	Electrical Isolation Mark Anderson - EN Engineering	Cathodic Protection Measurement Basics (Part 1) Luke Harris - Integrity Solutions	AC Interference Part 2 Michael Baxter - Integrity Solutions	Galvanic Anode CP Design - Part 1 Rogelio de las Casas- DLCCP
Period 7 9:15 - 10:25	Test Station & Potential Tim Davis - Lindi	Cathodic Protection Measurement Basics (Part 2) Mark Anderson - EN Engineering	Rectifiers Part 1 Don Olson - MobilTex	Galvanic Anode CP Design - Part 2 Rogelio de las Casas- DLCCP
Period 8 10:30 - 11:40	Rectifier Inspection & Resistivity Measurements Phil Poe - Pond	Monitoring Cathodic Protection Steve Glover - Centerpoint Energy	Rectifiers Part 2 Don Olson - MobilTex	Impressed Current CP Design Exercise Keith Boswell - NPS
Period 9 11:40 - 12:30	VOLUNTARY EXAM			