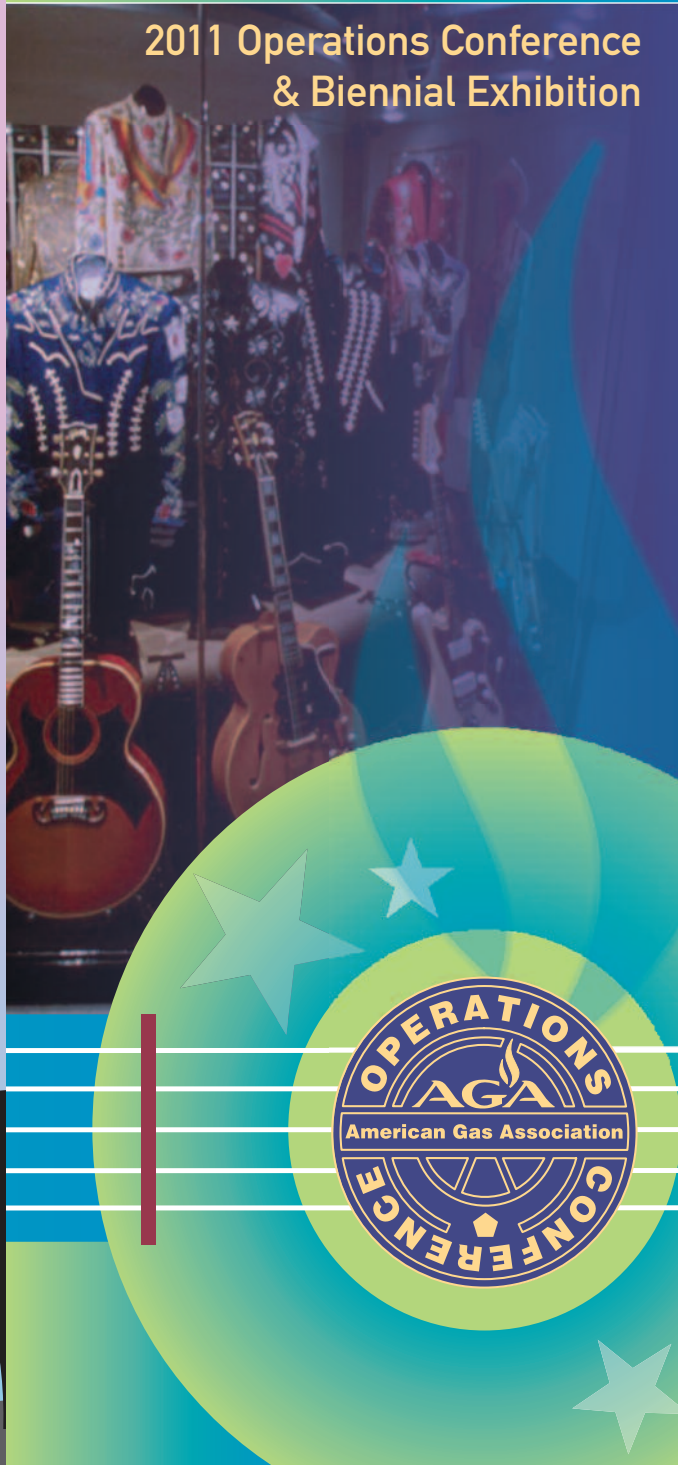


Save the Date!

American Gas Association Operations Conference



2011 Operations Conference & Biennial Exhibition



Professional Development Hours (PDH) are to be submitted by completing the PDH Claim Form at www.surveymonkey.com/s/PDH20110ps. The deadline is June 27, 2011.

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MAY 1-4, 2012 | SAN FRANCISCO

Schedule at a Glance

American Gas Association 2011 Operations Conference at a Glance

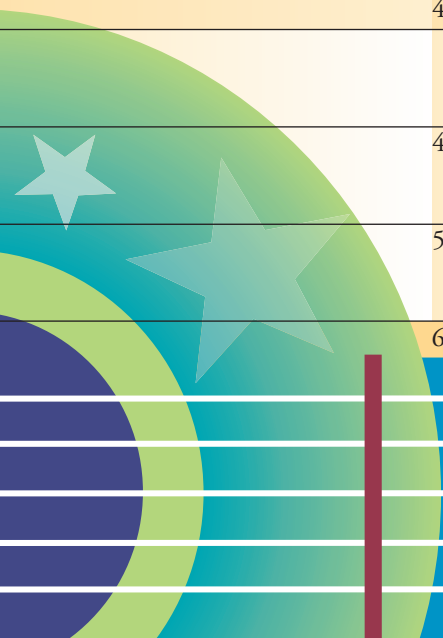
TUESDAY, MAY 24

4:00 5:30 Pre-conference Session: Pipeline Safety and Demand-Side Growth *Presidential Ballroom C-E*
 6:00 9:00 Grand Opening Reception *Ryman Exhibit Hall B1-B6*

WEDNESDAY, MAY 25

8:30 10:00 General Session: Mayor Karl Dean, Dept. of Homeland Security's Sanaz Browarny, AGA President & CEO Dave McCurdy (all registrants invited) *Presidential Ballroom A-E*

		Track	<i>Presidential Chamber B</i>	<i>Presidential Boardroom A</i>	<i>Jackson AB</i>	<i>Jackson CD</i>	<i>Jackson EF</i>	<i>Presidential Chamber A</i>
10:20	Noon	A	1	2	3	4	5	6
			Gas Utility Management Norden	Safety/DIMP Smith	Plastic Materials Kasinski	Corrosion/Public Awareness Reynolds	Engineering Harkless	Shale Gas/Gas Quality Shah
10:20	11:05		Smart Strategies for a Smart Grid for Gas (panel)	AGA Safety Achievement Award Presentation	Electrofusion Processors Evaluation	ILI Tool Considerations & Limitations (panel)	Gas Outage Management (panel)	Managing Marcellus Shale Gas Quality
11:15	Noon		Smart Strategies for a Smart Grid for Gas panel cont'd.	DIMP Pilot Audits (panel)	Polyethylene Pipe: Butt Fusion Integrity	Public Awareness	Interconnect Standards & Procedures (panel)	Supporting Optimal Routes for the Injection of Biogases into Natural Gas Infrastructure
Noon	2:15	Buffet Lunch		<i>Ryman Exhibit Hall B1-B6</i>				
2:15	3:55	B	1	2	3	4	5	6
			Gas Utility Management Beavers	Safety Smith	Distribution Measurement Roland	Underground Storage Puracchio	Plastic Materials Kasinski	Gas Quality Poellnitz
2:15	3:00		NTSB Investigative Process for San Bruno	Safety Program Presentation: Piedmont Natural Gas Co.	How Long Does a Residential Diaphragm Meter Last?	Wireline-Deployed Casing Cutters	Plastic Pipe Data Collection Initiative	Does Power Generation Equipment Like Renewable Gases in the Gas Grid?
3:10	3:55		Proper (Environmental) Project Planning Prevents Poor Performance	Spectra Energy — A Strategic View of Operational & Personal Safety	Considerations When Designing a Program for Evaluating In-Service Performance of Gas Meters	Steckman Ridge Project Development	Distribution New Construction Issues Specific to Plastic Materials & Personnel Qualification	Summary of Investigation Into 'Gas Quality Requirements' for Nontraditional Sources of Natural Gas
4:15	5:55	C	1	2	3	4	5	6
			Gas Utility Management Beavers	Safety Smith	Distribution Measurement Roland	Contractor Management/Plastic Materials Kasinski	Engineering Harkless	Gas Quality Kucmas
4:15	5:00		Go 'Green' — Reduce Carbon Emissions	AGA Motor Vehicle Safety Award Presentation	Tracking the Gas Temperature Effect in a Distribution System	Contractor Management	Improving Communications = Reducing Damages	Effects of Varying Natural Gas Compositions on Components of the Natural Gas Infrastructure
5:10	5:55		Actions Taken by SoCalGas & SDG&E in Applying NTSB Recommendations	Transform Your Safety Culture Using 'Six Sigma' Tools	New Products in Gas Measurement	Large-Diameter Plastic Pipe for Natural Gas Distribution	Keyhole Technology for Maintenance/Replacement Work (panel)	NYSEARCH Gas Interchangeability Study Associated with In-Use Residential Appliances
6:00	7:30	Cocktail Hour		<i>Ryman Exhibit Hall B1-B6</i>				



American Gas Association 2011 Operations Conference at a Glance

THURSDAY MAY 26		Track	<i>Presidential Chamber B</i>	<i>Presidential Boardroom A</i>	<i>Jackson AB</i>	<i>Jackson CD</i>	<i>Jackson EF</i>	<i>Presidential Chamber A</i>
8:00	9:40	D	1	2	3	4	5	6
			Gas Utility Management Thorson	Engineering/Corrosion Harkless	Distribution Measurement/ AMI/AMR Roland	Supplemental Gas/Gas Quality Brightwell	Plastic Materials Kasinski	Transmission Measurement Carter
8:00	8:45		Common Ground Alliance Update on 811	Sewer Safety: Duke Energy & Cincinnati Metropolitan Sewer District Collaborative Agreement & Enbridge Gas Distribution Sewer Safety Program (panel)	Measurement Validation & Resolution Processing for Today's Measurement Group	Trunkline LNG/Ortloff Engineering NGL Extraction Project Review	PCB Absorption in Polyethylene Pipe	Operational Expectations for Custody & Verification Measurement Systems
8:55	9:40		Comparison of Standard vs. Light-Weight Jackhammers	Overview of Failure Mechanisms of Welds	AMI/AMR: State of the Gas Industry	Biogas & Pipeline Quality Renewable Natural Gas (panel)	High-Pressure PA12 Plastic Pipe for Hydrocarbon Rich Gas — Avoid BTX Permeation of Polyethylene Piping	Test Benches for Calibration of Custody Transfer Gas Meters
9:40	10:00	Break						
10:00	11:40	E	1	2	3	4	5	6
			Gas Utility Management Thorson	Safety/Environmental Matters Smith	AMI/Distribution Measurement Roland	Supplemental Gas Brightwell	Underground Storage Puracchio	Transmission Measurement Checkwitch
10:00	10:45		Pipeline Safety Regulatory Update	First Aid & CPR: A Must-Have for Your Safety Program	Leveraging Data-logging in Gas Modules in Times of Catastrophic Events & Itron's AMI Solution	When Maintenance Is Not Enough	Surface Well Testing	Meter Calibration Effects from the Field to the Office
10:55	11:40		Commercial (Larger) Excess Flow Valves	Pipe Integrity & Worker Safety Impacts of Environ- mental Contamination	Determining Lost & Unaccounted-For Gas Loss	Propane-Air Use in Hawaii	Seismic 101	AGA 9: Field-Proving of Gas Meters Using Transfer Methods
11:40	12:45	AGA Chairman's Lunch		<i>Presidential Ballroom A-E</i>				
12:45	3:05	F	1	2	3	4	5	6
			Excavation Damage Prevention/Field Operations Safety/Meter Reading Thorson	Plastic Materials/Corrosion Reynolds	Engineering Harkless	Environmental Izadpanah	Gas Control Raiford	Transmission Measurement LaNasa
12:45	1:30		Responding to Sewer Cross Bore Issues in Minnesota	Compression Fittings 101	Railroad Casing Issues	Greenhouse Gas Reporting for Natural Gas (panel)	Assessing Controller Workload	An Alternative Formation of the Standard Orifice Equation for Natural Gas
1:40	2:25		Improvements & Lessons Learned in Industry Barhole Techniques for Leak Pinpointing	Improvements to the ECDA Process — Severity Ranking	Qualification of Personnel Performing New Construction Tasks & Ensuring the Quality of Installation Contractor Training	Greenhouse Gas Reporting for Natural Gas panel cont'd.	Control Room Management & Related Best Practices	Orifice Plate Flow Meter Diagnostics
2:35	3:05		Best Practices in Meter Reading	Assessing Atmospheric Corrosion In Casings	MAOP Process Management	PCBs — How to Delist Areas in Your Service Territory	Professionalism in Communi- cation for Pipeline Controllers	CPA Flow Conditioners vs. Tube Bundles in Orifice Meters
3:05	3:25	Break						

	3:25	5:15	G	1	2	3	4	5	6
				Utility & Customer Field Services/Construction & Maintenance Elkins	Corrosion Reynolds	Engineering Harkless	Leak Detection/Storage Puracchio	Supplemental Gas Brightwell	Transmission Measurement Birdwell
	3:25	3:55		Best Practices in Strategic Sourcing & Supply Chain Management to Decrease Cost & Increase Shareholder Value	Update on GTI Corrosion- & Integrity-Related Research	Welding Repair Qualification Procedures	Airborn Pipeline Leak Detection	DOE/Sandia Laboratories LNG Fire & Damage Testing & Modeling	Exploring a ‘Total Energy Concept’ for Natural Gas Metering
	4:05	4:35		Overall Employee Effectiveness: A Unique Approach to Quantifying Field Work Effectiveness	Lessons Learned from Filling Casings	Distribution New Construction Issues from a Contractor Perspective	Localized Production Impacts to Storage Operations — The Marcellus Mix	A Review of LNG Storage Tank Rollover	Accuracy & Performance Effects of Two Ultrasonic Meters in Series
	4:45	5:15		Innovations in Pipe Replacement Processes	Determining Yield Strength Without Line Shutdown	Data Capture for DIMP	High-Resolution Logging Tools & How Their Use Has Affected Well Workovers	LNG 17 Conference	How Today’s Gas Ultrasonic Meter Handles Compressor Pulsations
FRIDAY, MAY 27			Track	<i>Presidential Chamber B</i>	<i>Presidential Boardroom A</i>	<i>Jackson AB</i>	<i>Jackson CD</i>	<i>Presidential Chamber A</i>	
	8:00	9:40	H	1	2	3	4	5	
				Integrity Management Ryan	Gas Control Raiford	Gas Utility Management Lu	Utility & Customer Field Services Elkins	Transmission Measurement Witte	
	8:00	8:45		Strategy in Managing Vintage Distribution Pipelines	Leak Detection: How Gas Controllers Can Identify a Pipeline Leak via the SCADA System	CSA S250 Mapping of Underground Infrastructure Standard	Improving Service Efficiency & Operational Performance	Comparison & Analysis of Moisture Dew Point Equations	
	8:55	9:40		DIMP Your Data	Operator Experience & Gas Controller Perspective: Line Break Monitoring & Controls	Smart Energy Network	Comgas Methodology in Illegal Gas Use	The Impact of Corrosion & Fouling on the Performance of Ultrasonic Flow Meters Using Reflecting Paths	
	9:40	10:00		Break					
			Track	<i>Presidential Chamber B</i>	<i>Presidential Boardroom A</i>	<i>Jackson CD</i>	<i>Presidential Chamber A</i>		
	10:00	11:40	I	1	2	3	4		
				DIMP Ryan	Gas Control Raiford	Utility & Customer Field Services Elkins	Transmission Measurement Grimley		
	10:00	10:45		Distribution Integrity Management	Integrity Plan in Relation to Gas Controller (canceled)	Consolidating Distribution Metering Services Using Second Generation Field-Proving Technology	Correlation Tag Clamp-on Flow Meter for Low-Pressure Gas Applications		
	10:55	11:40		Leveraging GIS for DIMP Implementation	Check Metering/Comparing to Pipeline	Operations Planning for Emergency Response Using GPS Technologies	Clamp-on Gas Meters for Segmentation & Check Measurement		

