

The Annual Drilling Symposium is an event hosted by the Drilling Study Group designed to disseminate knowledge and technology needed to achieve the many objectives of the drilling operation, including understanding risk and hazard mitigation, real-time application and new technologies.

This year, we focus our attention on cost-saving innovations to improve drilling efficiency. This symposium is also an excellent opportunity to network with oil and gas industry professionals in an engaging and dynamic environment. Please join the SPE-GCS Drilling Study Group for this event.

**DATE**

Thursday, April 14th, 2016

**TIME**

8:00 a.m. - 5:00 p.m.

**LOCATION**

Southwestern Energy Office  
10000 Energy Drive  
Spring, Texas 77389

**REGISTRATION**

<http://www.spegcs.org/events/register/3159/pre>

**ADMISSION FEE**

Pre-registered SPE Members: \$80.00

Pre-registered Non-members: \$115.00

Student/Transitioning/Retired SPE Members: \$25.00

All Walk-ins: \$125.00

**Sponsors**



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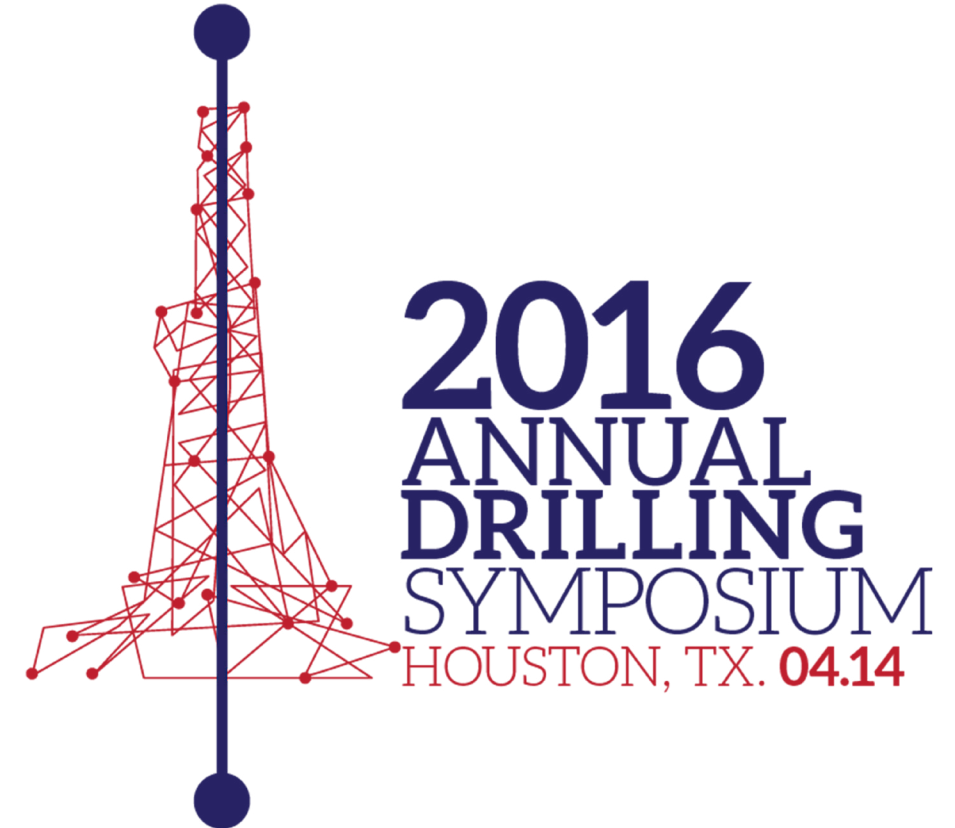
Pason Systems



Weatherford International



**2016 SPE GCS ANNUAL DRILLING SYMPOSIUM**  
Cost-saving innovations to improve drilling economics and well integrity



2016 SPE GCS Annual Drilling Symposium  
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Phone: 713-849-1818

**THURSDAY, APRIL 14, 2016**  
Southwestern Energy Office  
10000 Energy Drive  
Spring, Texas 77389



Committee

**SYMPOSIUM CO-CHAIR**

Mojtaba P. Shahri  
Weatherford

**SPONSORSHIP**

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**PROGRAMS**

Tom Wick  
DH RockBit

**TREASURER**

Greg Maynard  
Bedrock PLC

**REGISTRATION**

Oguz Yalcin  
Consultant

**REGISTRATION**

Benjamin Gunawan  
CNPC

**DSG CHAIR**

Ernie Prochaska  
NOV

**SYMPOSIUM CO-CHAIR**

Sean Wu  
Shell

**PROGRAMS**

Joe Tison  
Green Tweed

**ARRANGEMENTS**

Dan Moore  
Retired

**REGISTRATION**

Peter Kowalchuk

**REGISTRATION**

Mohammed Dooply  
Schlumberger






**REGISTRATION**







Neil Panchal  
Shell

**DSG Board Liaison**

Deepak Gala  
Shell

Agenda

7:40 AM - 8:40 AM	<b>Coffee &amp; Registration</b>	
8:40 AM - 8:45 AM	<b>Welcome &amp; Safety Briefing</b> Mojtaba Shahri, Weatherford - Symposium Co-chair	
8:45 AM - 9:45 AM	Keynote Speaker - Steven L. Mueller, <i>Southwestern Energy</i>	
9:45 AM - 10:45 AM	<b>Morning Session I: Improve Drilling Economics, Operator's Perspective</b>	
9:45 AM		"Adapting Wells Automation Efforts to a Low Oil-Price Environment" David Blacklaw, <i>Shell</i>
10:15 AM		"Evaluating Barriers to Manage Drilling Cost and Risks" Prosper Aideyan, <i>TOTAL</i>
10:45 AM - 11:00 AM	Break	
11:00 AM - 12:00 PM	<b>Morning Session II: Improve Well Integrity New Technology &amp; Trends</b>	
11:00 AM		"Onshore Well Control Intervention Trends" Daniel Eby, <i>Blowout Engineers</i>
11:30 AM		"Next Generation Kick Detection During Connections: Influx Detection at Pumps Stop (IDAPS) Software" Brian Tarr, <i>Shell</i>
12:00 PM - 1:00 PM	Lunch	
Lunch Speaker		"Well Integrity: What Completions & Production Engineers Need from Drillers to Make the Well Successful" George E. King, <i>Apache</i>

1:15 PM - 3:30 PM	<b>Afternoon Session I: Data Analytics</b>	
1:15 PM		"From the Asset to the Enterprise: Scalable and Actionable Real-time Analytics" Moray Laing, <i>SAS</i>
1:45 AM		"Stuck Pipe Prediction Using Automated Real-time Monitoring and Data Analysis" Curtis Cheatham, <i>Weatherford</i>
2:15 PM - 2:30 PM	Break	
2:30 PM		"From Historical Drilling Data to Optimized Drilling Operations Using an Integrated Drilling Guidance System and Novel Machine Learning Algorithm" Enrico Ladendorf, <i>Pason Systems</i>
3:00 PM		"An Instrumented Top Drive Sub System: Enabling Greater Drilling Efficiencies via Innovative Sensing Capabilities" Thomas M. Bryant, <i>APS Technology, Inc.</i>
1:15 PM - 3:30 PM	<b>Afternoon Session II: Drilling Optimization and Automation</b>	
1:15 PM		"Double the performance Improvements When You Combine Automation and Optimization" Tony Pink, <i>NOV</i>
1:45 PM		"Drilling Optimization and Hazard Mitigation Solutions" Akshay Sagar, <i>Halliburton</i>
2:15 PM - 2:30 PM	Break	
2:30 PM		"Applied Drilling Automation with the Goal to Improve Safety and Performance" Eric Maidla, <i>TDE Petroleum Data Solutions, Inc.</i>
3:00 PM		"High Frequency Drilling Measurements and Drilling System Model Work Together" Yezid Arevalo, <i>Schlumberger</i>
3:30 PM	Wrap Up & Adjournment	

