

# 2017 SPE Gulf Coast Section Annual Drilling Symposium

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| 7:40 AM – 8:40 AM   | <b>Coffee and Registration</b>  |
| 8:40 AM – 8:45 AM   | <b>Welcome and Safety Briefing</b><br><b>Mojtaba Shahri, Weatherford, Symposium Chair</b>   |
| 8:45 AM – 9:45 AM   | <i>Keynote Speaker:</i> Digitalisation, simplification, performance and disruption<br><i>Jonathan Crane (VP Wells Technology, Shell)</i>        |
| 9:45 AM – 10:15 AM  | A Call to Modernize the Drilling Industry's Methods of Calculating Circulating Hydraulics<br><i>Terry Hemphill (Halliburton)</i>                |
| 10:15 AM – 10:45 AM | Complex Downhole Optimization in Permian Delaware Basin<br><i>John Willis (OXY)</i>   |
| 10:45 AM – 11:00 AM | <b>Break</b>  |
| 11:00 AM – 11:30 AM | Down Hole Flow Assurance<br><i>Ferhat Erdal (Chevron)</i>   |
| 11:30 AM – 12:00 PM | Mitigating Salt and Sub-salt Drilling Challenges Using Hybrid Bit Technology in Deepwater Gulf of Mexico<br><i>Mark Anderson (Chevron)</i>      |
| 12:00 PM – 1:15 PM  | <i>Lunch Speaker:</i> Mechanical Bit Features that Improve Stability and Dynamics<br><i>Dan Scott (Baker Hughes)</i>                            |
| 1:15 PM – 1:45 PM   | Drilling Automation in Industry and Academia<br><i>Fred Florence (RigOps)</i>   |
| 1:45 PM – 2:15 PM   | Why Would An Operator Build An EDR System? To Get Better Data Driven Decisions<br><i>Michael Behounek (Apache)</i>                              |
| 2:15 PM – 2:30 PM   | <b>Break</b>  |
| 2:30 PM – 3:00 PM   | Real-Time Rig Activity-Based Models and Drilling Analytics to Provide Early Indications of Hole Problems<br><i>Tosin Odunlami (Weatherford)</i> |
| 3:00 PM – 3:30 PM   | What exactly is machine learning, and what are the considerations for using it in a drilling operation<br><i>Joe Indelicato (SAS)</i>           |
| 3:30 PM             | <b>Wrap-up and Adjournment</b>  |



**THURSDAY, APRIL 13, 2017**  
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10000 Energy Drive  
Spring, Texas 77389

