

## THE COMMITTEE

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**Taylor Wright**  
SPE Gulf Coast Section

**Barclay Macaul**  
CMG

**Gustavy Niemtschik**  
Contract Reservoir Simulation

Reservoir Technology Symposium is the annual event hosted by the SPE Gulf Coast Section Reservoir Study Group designed to disseminate knowledge and technology needed to achieve the many objectives of reservoir management, including understanding risk, increasing production and reserves, and maximizing resources.

 @SPEGCSReservoir  @spegcsreservoir

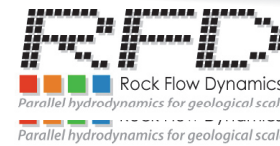


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Gulf Coast Section  
Reservoir Study Group

## SPE GCS Reservoir Technology Symposium

### *Maximizing our Resources*



Thursday April 26 2018  
Anadarko Conference Center,  
The Woodlands, TX

# AGENDA

**7:30 AM** Registration / Continental Breakfast

**8:00 – 8:30 AM** Welcome and Safety Briefing



*Rex Yalavarthi, Unitcorp*

**8:30 – 10:00 AM** Session 1 - Technology & Innovation:  
Emerging Technologies to Maximize our Resources  
Session Chairs: Jody Mahoney & Rafael Barroeta



**S1.03 – Gas Injection for GOM DW Wilcox Trend Fields Development: Challenges and Recovery Potential**  
*Andrew Oghena, Chevron*



**S1.02 – Machine Learning Based Heavy Oil Enhanced Recovery Optimization**  
*Reza Rastegar, Occidental Petroleum Corporation*



**S1.03 – The Power of Real-Time Monitoring and Control in Formation Testing Applications**  
*Hani Elshahawi, Shell*

**10:00 – 10:30 AM** Break / Student Posters

**10:30 – 11:30 AM** Session 2 - Production Forecasting and Reserves Estimation

Session Chairs: Alejandro Lerza & Gustavy Niemtschik



**S2.01 – Proposed Update to the 2007 Petroleum Resource Management System**  
*Dan DiLuzio, Newfield*



**S2.02 – Comprehensive Model for DFIT Injection and Falloff Pressure Data**  
*Christine Ehlig-Economides, University of Houston*

**11:30 a.m. – 1:00p.m. Keynote Speaker**



**Oil Geopolitics and US-Mideast Relations**  
Jim Krane, Wallace S. Wilson  
Fellow Energy Studies at Rice University's Baker Institute

**1:00 – 2:30 PM** Session 3 - Unconventional Reservoirs - A Service Company's Perspective  
Session Chairs: Mohammad Tabatabaei & Barclay Macaul



**S3.01 – A new simulation based workflow to combine fracture simulation, reservoir simulation and cost structures to optimize profitability of unconventional reservoirs**  
*Johannes Will, Dynardo GmbH*



**S3.02 – Subsurface DNA Diagnostics as a New Data Set for Reservoir Characterization**  
*Liz Percak-Dennett, Biota*



**S3.03 – Learnings from Unconventional Modeling**  
*Chet Ozgen, Nitech*

**2:30 – 3:00 PM** Break / Student Posters

**3:00 – 4:30 PM** Session 4 - Unconventional Reservoirs - An Operator's Perspective  
Session Chairs: Swathika Jayakumar & Liaqat Ali



**S4.01 – Time-lapse Geochemistry (TLG) Application in Unconventional Reservoir**  
*Faye Liu, ConocoPhillips*



**S4.02 – Optimizing Vertical and Lateral Spacing of Horizontal Wells in Permian Basin Stacked Bench Developments**  
*Do Shin, Occidental Petroleum Corporation*



**S4.03 – Industry Trends and Chevron Activity Across the Permian Basin**  
*David Rains, Chevron*

**3:00 – 4:30 PM** Student Poster Award and Adjournment



**Date:** Thursday, April 26<sup>th</sup>, 2018

**Time:** 8 a.m. – 5:00 p.m.

**Location:** Anadarko Conference Center  
1201 Lake Robbins Drive  
The Woodlands, TX 77380

**Registration:** [www.spegcs.org/events/3681](http://www.spegcs.org/events/3681)

**Early Registration:** Member/Non-Member \$100 / \$125

**Late Registration:** Member/Non-Member/Walk-in  
\$125 / \$150 / \$150

**Students/MIT/Retired:** \$50 Registration (Limited Spots)

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