

Thursday, April 26 The Woodlands Resort & Conference Center • The Grand Ballroom

07:00 – 08:00 **Breakfast • open to all**

08:00 – 08:15 **Open of Symposium**
 Mark Brinsden - Co-Chair (Shell), David Underdown - Co-Chair (Chevron)
Safety Moment
 David Underdown - Co-Chair (Chevron)

08:15 – 08:45 **Session 1 • Explosives Safety - Chair – D. Underdown**
 IPS12-13 RF Hazards to Oilfield Electric Detonators – The New IME SLP-20
 David Leidel (Halliburton)

08:45 – 09:45 **Session 2 • Perforation Modeling**
 IPS12-30 A Consideration of Realistic Perforation Geometry and Well Performance Modeling
 John Hardesty (GEODynamics)
 IPS12-25 Visualization of Fluid Flow Into a Perforation Tunnel
 Jeremy Harvey (Schlumberger)

09:45 – 10:00 **Coffee Break**

10:00 – 12:00 **Session 3 • Perforation Testing**
 IPS12-33 Charge Testing for Well Concept Selection
 Eelco Bakker (Shell)
 IPS12-04 Extreme Hard Rock Perforating; Penetration Challenges and Limits
 Hanaey Ibrahim (PDO)
 IPS12-31 An Evaluation of the Impact of Reactive Perforating Charges on Acid Wormholing in Carbonates
 John Hardesty (GEODynamics)
 IPS12-21 A Cost Effective Functional Analogue Rock Target Material For Charge Testing And Development
 Mark Brinsden (Shell)

12:00 – 13:00 **Lunch Break**

13:00 – 14:30 **Session 4 • Productivity Improvement Case Studies**
 IPS12-09 Presentation Of A Completion Method Of Shale Demonstrated Through An Example Of The Marcellus Shale, Pennsylvania, USA
 Joe Sites (Horizontal Wireline Services)
 IPS12-12 Optimizing Perforating Charge Design for Frac Stimulation
 Ken Borgen (HAL)
 IPS12-03 Results of the Application of Dynamic Underbalance Perforating in Mature Fields in Ecuador
 Rafael Rodriguez (Repsol YPF)

14:30 – 15:00 **Coffee Break**

15:00 – 16:00 **Session 5 • Novel Perforating Concepts**
 IPS12-19 Modeling and Testing of Sand Jet Perforation as a Safer Alternative to Conventional Tubing-conveyed or E-line Explosive Techniques
 Michael Mitchell (Weatherford)
 IPS12-01 Digital Slickline Trigger: Safe, On-Demand, Efficient and Recordable Perforating on Slickline
 Matthew Billingham (Schlumberger)

16:00 – 16:30 **Wrap up of first day • Committee**

16:30 – 17:30 **Session 6 • Poster Session**
 Introduced & Directed by Phil Crabtree (Expro) & Hanaey Ibrahim (PDO)

17:30 - **Reception & Dinner • Award Presentations**

Poster Session 5pm

- IPS12-16 Reviewing The Basics Of Section 2 Laboratory Testing
 Doug Manning (JRC)
- IPS12-29 Successful Application of One-Trip Perforating System in Ecuador
 Margarita Farinango (Baker Hughes)
- IPS12-17 Slotted-charge perforating gun system for cement squeeze applications
 Liam Mcnelis (DynaEnergetics)
- IPS12-23 Perforating using Well Tractor Conveyance
 Brian Schwanitz (WellTec)
- IPS12-20 Completing Water Injection Wells – The Importance of Perforating Practices-Case Studies and Lessons Learnt
 Diana Chapporro (Ecopetrol)
- IPS12-10 Improving Well Perforating Performance Using Acoustic Radial Velocities
 Fernando Armirola (Cepscola)
- IPS12-36 Successful Use of Propellant to Eliminate Barium Sulfate Scaling and Improve Injection in West Texas
 Doug Lunsford (Baker Hughes)
- IPS12-37 Update on Shell GameChanger Disappearing Gun
 Erik Kroon (TNO) / Giel van der Kevie (Airborne)

Agenda

2012 International Perforating Symposium

Friday, April 27

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07:00 – 08:00

Breakfast • open to all

08:00 – 08:10

Open of Day & comments

David Underdown & Mark Brinsden - Co-Chairs

08:15 – 08:45

Session 7 • Explosives Safety

Chair – David Underdown

IPS12-14 HPHT Perforating Practices
Martin Scott (Halliburton)

08:45 – 09:45

Session 8 • Productivity Improvement Case Studies

IPS12-32 Dynamic Underbalance Perforating Helps To Maximize Well Productivity By Minimizing Completion Damage On A Mature Field In Western Siberia
Pavel Lavdannikov (Salym Petr. Development)

IPS12-22 Successful Re-perforation Operations in the Offshore Multilayer Piltun Area of Piltun-Astokhskoye Oil Field
Alexy Yakolev (SEIC)

09:45 – 10:00

Coffee Break

10:00 – 12:00

Session 9 • Perforation Testing

IPS12-24 Perforation Laboratory Testing: The Past, The Present, and The Future
Brenden Grove (Schlumberger)

IPS12-34 Charge Testing for Fracturing
Eelco Bakker (Shell)

IPS12-15 Perforation Clean-up by Dynamic Underbalance in a Section 4 Laboratory
Dennis Haggerty (JRC)

IPS12- 05 Perforating High Stress Environments: Pushing the Limits, and Having Them Push Back
Alex Procyk (ConocoPhillips)

12:00 – 13:00

Lunch Break

13:00 – 14:30

Session 10 • Perforation Modeling

IPS12-26 A Laboratory Correlation for Dynamic Underbalance Core Flow Efficiency
Jeremy Harvey (Schlumberger)

IPS12-27 Design and Qualification of Ultra-High Pressure Perforating System
Nauman Mhaskar (Baker Hughes)

IPS12-35 Perforating Requirements for Fracture Stimulation
Andy Martin (Schlumberger)

14:30 – 15:00

Coffee Break

15:00 – 16:30

Session 11 • Novel Perforating Concepts

IPS12-28 Long Gun Deployment System
Jim Gilliat (Baker Hughes)

IPS12-11 Perforating Design for Novel P&A Method
John Burleson (Halliburton)

IPS12-06 Perforation Shaped Charge Design for Shale Produces Improved Tunnel Geometry
John Hardesty (GEODynamics)

16:30 – 17.00

Closing Session • Committee

GOLD

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