

V Simposio de Exploración y Producción de Recursos No Convencionales

Comité Técnico

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Francisco Fragachan – Weatherford

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Verónica Irazuzta – Pluspetrol

Eugenio Ferrigno – Globant

Miguel Lavia – Docente Postgrado

Gervasio Barzola – Consultor

Santiago Bodini – Capsa-Capex

Pablo Crespo – Pan American Energy

Ignacio Layus – Pluspetrol

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Eduardo Bosio – Consultor

Santiago Bodini – Capsa-Capex

Julio Shiratori – Consultor

Miguel Lavia – Docente postgrado

Mariana Piazza – Consultora

22, 23 y 24 de abril de 2026
DOMUYO - NEUQUÉN, ARGENTINA

DAY 1 - MONDAY, APRIL 22th, 2026

HRS.	ROOM 1	Moderator	ROOM 2	Moderator	ROOM 3	Moderator	ROOM 4	Moderator
8.00 - 8.30	REGISTRATION							
8.30 - 9.00	Enhanced Overburden Fluids To Optimize Volumes Consumption And Cost In Drilling Operations - From Development To Field Application (Serrano - BAKER HUGHES)	Advanced Well-Construction Practices	Smart Sand Management: Reconsidering The Basics (Gayoso TRANSEPARATION)	Operational Efficiency & Infrastructure.	Hydraulic Fracture Interference Between Wells: Their Effect On Oil Recovery By Huff And Puff Gas Injection (Xiaolin Bao - UNIV. CALGARY)	Development Strategies, Interference and Well Testing	Studies On The Integration Of Sc-co2 Flooding And Sequestration In Deep Shale Gas Formation (Guicheng (Gary) Jing UNIV.CALGARY)	Unconventional Reservoir Geology and Engineering
9.00 - 9.30	Minimizing Shoe Track Length in Production Casing (Ferrin WEATHERFORD)	Jesus Quintero Ramirez	An Agile Approach To Optimize Sand Logistics In Hydraulic Fracturing Operations (Guihazi HALLIBURTON)	Ruben Guevara	Reducing Fracture-driven Interactions With Far Field Diverters: Insights From A Pilot In Vaca Muerta (Calelo PAN AMERICAN ENERGY)	Santiago Bodini	A New Method For Estimating Water/gas Ratio After Frac-fracts Using Surface Temperature Data (Devoli Diaz PLUSPETROL)	Pablo Crespo
9.30 - 10.00	Cost Optimization and Production Uncertainty Mitigation in Unconventional Exploration through Double Landing Point Geo-Navigation – Vaca Muerta Formation (Quintero Ramirez CAPEX)	Augusto Clavero	Intelligent Real-Time Monitoring System for Pigs and Scrapers in Underground Pipelines (Bocchino VISTA ENERGY)	Diego Marozzini	Sand Production Management In Shale Gas: From Flowback To Late-stage Events (Malarset PLUSPETROL)		Faster, Safer, Smarter: Mpd-driven Swab Compensation To Enhance Tripping Efficiency In Argentina'S Tight Wells (Fruco WEATHERFORD)	
10.00 - 10.30			Optimization Of Demulsifier And Paraffin Inhibitor Use In Shale Oil Upstream Operations: Applied Cases From The Neuquén Basin (Villanova y Blanco PAN AMERICAN ENERGY)		Modeling Parent-child Effect In Vaca Muerta To Quantify The Impact Of Infill Timing, Well Spacing And Completion Design On Child Performance (Garbino RESFRAC CORPORATION)	Cristian Gonzalez	Objective Selection Of Representative Models For Robust Reservoir Optimization Using Ensemble-based Methods (Ramirez Suárez UNIV. STAVANGER)	
10.30 - 11.00	MORNING BREAK							
11.00 - 11.30	Case History: Use Of Sodium Sulfonated Asphalt In Diesel-base Mud In The Horizontal Hole Sections Of Wells In Vaca Muerta, Argentina To Reduce The Coefficient Of Friction And Torque. (Ramirez CHEVRON Phillips Chemical Company)	Advanced Well-Construction Practices	Production Management Under Constraint: A Practical Framework For Shale Gas Assets (Bruno Ricci y Aldana Boonstra PLUSPETROL)	Production Optimization and Artificial Lift	Production Enhancement In Unconventional Wells Using Tailored Metal Oxide Nanoparticles-Based Fluids In Stimulation: Field Applications From U.S. Shale Oil Plays. (Centurion - TENEX)	Well Completion and Stimulation for Unconventionals	From Rock To Recovery: A Multivariate Approach Linking Geology And Completion For Eur Assessment In A Vaca Muerta Unconventional Gas Field (Hugo Isaías Chico PRACTIA GLOBAL y Alejandro Laurora TECPETROL)	Digital Transformation & the AI Revolution
11.30 - 12.00	Validation Of High-fidelity Survey Corrections Using High-resolution Gyro Data (Hernández SUPERIOR)	Horacio Rufini	Experience Using Solid Scale Inhibitors For Barite And Celestite During The Fracturing Stages At Los Toldos Field (Irazuzta VEOGIA y Carreras TECPETROL)	Veronica Irazuzta	Comparative Assessment Of Pipes Resistance To Punctual Loads Using Finite Element Models (Barreto Salazar TENARIS)	Diego Solis	Remote Start-up And Shut-in Of Shale Gas Wells: Enhancing Safety And Operational Efficiency (Scillato y Álvarez PLUSPETROL)	Ignacio Layus
12.00 - 12.30			Theoretical Desing Of Alternating Injection Valves To Enhance Production In Intermittent Gas Lift Wells (Ancafil HALLIBURTON y Fuchs Herrera PETRÓLEOS SUDAMERICANOS)	Gonzalo Villaiba	The Application Of Expandable Tubular Patching And Re-fracturing In Restoration Of Old Wells (Xenia Tao VERTECHS)	Martin Vitolo	Design And Implementation Of A Smart Integrated Operations Center As A Driver For Operating Model Transformation In Vaca Muerta (Ferrigno GLOBANT)	Eugenio Ferrigno
12.30 - 14.00	FREE TIME FOR LUNCH							
14.00 - 14.20	SYMPOSIUM OPENING - with OLIVER HOUZÉ (SPE International President 2025)							
14.20 - 15.30	ROUND TABLE 1 TOPIC: Digital innovation beyond AI. - F. SIVIERO (q99) - D. FAVALORO (SpaceAI) - P. VIC (Tlon Space)							
15.30 - 16.00	AFTERNOON BREAK							
16.00 - 16.45	GUEST SPEAKER 1 - TOPIC: Acoustic Friction Analysis - SEISMOS - C. CIPOLLA and I. ABOU-SAYED							
16.45 - 17.30	GUEST SPEAKER 2 - TOPIC: The ROI of Reservoir insight - CHEVRON - A. LERZA							

DAY 2 - TUESDAY, APRIL 23rd, 2026

HRS.	ROOM 1	Moderator	ROOM 2	Moderator	ROOM 3	Moderator	ROOM 4	Moderator		
8.00 - 8.30	REGISTRATION									
8.30 - 9.00	Real-time Multiphase Flow Measurement In Unconventional Wells (Fai AGAR CORPORATION)	Production Optimization Artificial Lift and Enhanced Recovery			Combining Volumetric Erosion Analysis With Frac Data To Unlock Proppant Distribution Efficiency (Bourgeois DARK VISION TECH)	Well Completion and Stimulation for Unconventionals	Managed Pressure Drilling: Overview, Modeling, And Case Study (Aizadeh - PREMIUM Oilfield Technologies)	Unconventional Reservoir Geology and Engineering		
9.00 - 9.30	Computational Model For Production Analysis Using Jet Pumping In Unconventional Wells (Pabón SERTECPET)	Ignacio Layus			Cañadón Seco: First Steps In The Development Of Pozo D-129 Formation, San Jorge Basin Southern Flank, Argentina. (Melendo CGC)	Pablo Forni	Impact Of Stimulation Design Parameters On Well Productivity: An Advanced Simulation Study For Vaca Muerta Oil Wells (Fernandez Righi YPF)	Martin Vitolo	Integrated Evaluation Of Remaining Reserves In Shale Oil Horizontal Wells Prior To Refracturing: A Case Study From The Changqing Oilfield (Yushuo (Samuel) Zhang - PetroChina Changqing Oilfield Company)	Luciano Monti
9.30 - 10.00	Unconventional Oil Well Dewatering With Hot Tool In Vaca Muerta (Durán Durán - YPF)	Gustavo González Montero			Optimizing Well Completions And Reservoir Management Through Fracture-driven Interaction Analytics In The Vaca Muerta Formation (Rogers REVSOLZ - PLUSPETROL)		Real-Time Acoustic Measurements for Design Evaluation and Optimization in the Vaca Muerta Basin (Pellicer - PanAmerican Energy)			
10.00 - 10.30	Prediction Of Expected Thermal Behavior And Potential Field Difficulties Based On Oil Lab Characterization And Software Simulations (Irazuzta y Álvarez Mafra VEOGIA)									
10.30 - 11.00	MORNING BREAK									
11.00 - 11.30	Conductor orientation to drill Surface section with Casing Drilling (CwD) (Real YPF)	Advanced Well-Construction Practices			Optimization Of Well Spacing In The "Cocina" Interval Of The Vaca Muerta Formation At The Basin Edge (Martinez YPF)	Development Strategies, Interference and Well Testing	FAI-driven Re-fracturing Optimization In Shale Oil Wells: A Data-centric Approach From The Ordos Basin (Yushuo (Samuel) Zhang - PetroChina Changqing Oilfield Company)	Digital Transformation & the AI Revolution		
11.30 - 12.00	Planning, Execution, And Lessons Learned In U-turn Wells: A New Industry Approach To Maximize Contact Area In Unconventional Reservoirs (Merlin y Garza - MERLIN)	Jesus Quintero Ramirez			Addressing Unconventional Well's New Operational Challenges: Drilling Of The Production Section In A Single Run, Case Of Study: Aguada Pichana. (Apcarian BAKER HUGHES)	Santiago Bodini	Operational Reinvention Through AI: How Intelligent Agents Are Transforming Data Into Decisions In The Energy Sector (Ferrigno y Pérez GLOBANT)	Natalia Irazuzta		
12.00 - 12.30	Transforming Vaca Muerta Drilling: New Integrated Drilling Platform Mitigates HFTO, saves 4.1 days and drills 86% faster (Hernández - BAKER HUGHES)	Augusto Clavero			Well-to-Well Pressure Interference Testing In Vaca Muerta Shale Oil Using Chow Pressure Group Analysis And Devon Quantification Of Interference Methodology (Terminiello - SHELL)	Cristian Gonzalez	Transformación Digital en el Manejo de la Arena de Producción (Ziroldo - MOTOMECÁNICA)	Gustavo González Montero		
12.30 - 14.00	FREE TIME FOR LUNCH									
14.00 - 14.45	SGUEST SPEAKER 3 - TOPIC: Highlights frac desing changes to boots - LIBERTY ENERGY - L. WEIJERS									
14.45 - 15.30	GUEST SPEAKER 4 - TOPIC: New developments in IOR & EOR in Vaca Muerta and other source rocks - UNIVERSITY OF CALGARY - R. AGUILERA									
15.30 - 16.00	AFTERNOON BREAK									
16.00 - 16.45	GUEST SPEAKER 5 - TOPIC: Y-WELL - YPF - M. CECCHINI									
16.45 - 17.30	GUEST SPEAKER 6 - TOPIC: Refracturing Across U.S. Shale Basins: Technologies, Trends, and Field Applications - HALLIBURTON - N. MODELAND									

DAY 3 - WEDNESDAY, APRIL 24th, 2026

HRS.	ROOM 1	Moderator	ROOM 2	Moderator	ROOM 3	Moderator	ROOM 4	Moderator
8.00 - 8.30	REGISTRATION							
8.30 - 9.00	Beyond Conventional Flow Rates: Equivalent Liquid Volume Design For Nitrogen-assisted Managed Pressure Drilling (Tapia Salazar - SLB)	Advanced Well-Construction Practices	Unconventional EOR: What Has Worked, What Has Not, and What Can Scale in Vaca Muerta (Tuero - YYP)	Enhanced Recovery, EnhEnergy Transition & Sustainable Development	Casing Deformations In The Vaca Muerta Formation: Analysis And Modeling Based On Multi-Finger Caliper Logs Conveyed By Coiled Tubing (Fiorito EXPRO)	Well Completion and Stimulation for Unconventionals	Empirical Choke Equation For Better Management And Surveillance Of Vaca Muerta Gas Wells (González - YPF SA)	Unconventional Reservoir Geology and Engineering
9.00 - 9.30	Optimization Of Drilling Times In Intermediate Sections Of The Neuquén Fields Through The Design Of Trajectories That Maximize Bha Performance (Maita - HALLIBURTON)	Jesus Quintero Ramirez	Enhancing Unconventional Eor Techniques: Evaluating Surfactant Formulation Through Laboratory Studies And Field Applications (Herman y Cheong Au Yong BASF)	Diego Marozzini	Integrated Root Cause Analysis Of Casing Deformation In Shallow Shale Oil Wells - Vaca Muerta Formation (Damiani TECPETROL)	Pablo Forni	Development Strategies Based On Completion Design In Bajo Del Toro Norte Block (Bidondo YPF)	Lucas Calello
9.30 - 10.00	From Drawing Board To Record Depth: Drilling Innovation From RSS To ABSX (Lj SLB)		Research on Environment-friendly Fracturing Technologies and Practices for Shale Gas Plays in China (ChenChen - PetroChina)		Chronic Casing Deformation, Acute Innovation: A Case Study From One Of The Most Technically Challenging Fields (Sosa Luna YPF)		Martin Pons	
10.00 - 10.30	Effective Prevention Of Sustained Casing Pressure (scp) Through Implementation Of Novelty Metal Expandable Packer And Anchor Assembly As A Mechanical Barrier For Wells Targeting The Unconventional Vaca Muerta Formation (López WELLTEC)		Data-driven Diagnostics For Sustainable Productivity Recovery In Shale Oil Wells (Yushuo (Samuel) Zhang - PetroChina Changqing Oilfield Company)		Rina Vasquez	High Resolution Solid State Acoustic Imaging For Advanced Well Integrity And Deformation Assessments In Unconventional Wells (Klaudi DARK VISION)		Unlocking The Potential of Bandurria Centro: Advanced Reservoir Characterization (Crespo y Lopez Peze PanAmerican ENERGY)
10.30 - 11.00	MORNING BREAK							
11.00 - 11.30	Transforming Well Handover Processes Through Digital Innovation (Al Maysari ADNOC)	Digital Transformation & the AI Revolution	High-fidelity Methane Quantification Using Drone-mounted Tdls And Advanced Geometric Modeling: A Vaca Muerta Case Study (Diaz Telli MES)	Energy Transition & Sustainable Development	Use Of Das And Dts Fiber Optics To Identify Behind-casing Flow In Wells With Integrity Issues: Determining Fluid Source, Direction, And Velocity (González González - Imery SAS)	Production Optimization and Artificial Lift	Numerical Study Of The Impact Of Geomechanics On Long-term Productivity Of Tight Reservoirs (Molina MATHWORKS)	Unconventional Reservoir Geology and Engineering
11.30 - 12.00	Smart Saturation Model: New Tools For Evaluating Tight Reservoirs (Castellanos Bassoult - PEMEX)	Martin Pons	Optimization Of Multiphase Fluid Transfer Processes Using Ejectors In Oil-Fields (Méndez Coelho SERTECPET)	Natalia Irazuzta	Unlocking Production Potential Through Rate Transient Analysis (Thompson - SAGA Wisdom)	Veronica Irazuzta	Challenging Faults With Horizontal Drilling: Structural Calibration And Real-time Geosteering To Unlock Reservoir Volumes (Ranalli YPF)	Pablo Crespo
12.00 - 12.30	Seeing The Unseen: How Ai Can Improve Safety In Geopark Drilling Operations In Colombia (González GEOPARK)	Miguel Lavia	Advanced Optical-ai Methods For Methane Emission Quantification And Flare Efficiency Monitoring: Field Results And Lessons Learned From The Vaca Muerta Basin (Diaz Telli MES)	Rina Vasquez	REINVENTING EFFICIENCY: How Plunger Lift Powers Artificial Lift Systems (Diaz GEOCONTROL)	Gonzalo Villaiba	Geologic Containment In Shale Oil Reservoirs (Xiaolin Bao UNIV. CALGARY)	Brian Espindola
12.30 - 13.30	HORACIO MARIN - PRESIDENT AND CEO OF YPF S.A.							
13.30 - 13.45	CONGRESS CLOSING							