

The Formation Evaluation Symposium of Japan 2026
Special Themes: Geomechanics
Technical Program (updated on 2026/09/07)

General schedule

October 7, 2026

9:00-17:10	Day-1 Symposium & Panel session Venue: JOGMEC-Technology & Research Center 1-2-2 Hamada, Mihama-ku, Chiba-shi, Chiba
18:00-20:00	Banquet Venue: Hotel The Manhattan 2-10-1 Hibino, Mihama-ku Chiba-shi, Chiba

October 8, 2026

9:00-17:00	Day-2 Symposium, General meeting, & Poster session Venue: JOGMEC-Technology & Research Center
17:30 – 19:30	Networking party Venue: JOGMEC-Technology & Research Center Cafeteria

October 9, 2026

9:00-15:25	Day-3 Symposium & Poster session Venue: JOGMEC-Technology & Research Center
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Organized by	<u>Japan Formation Evaluation Society – A Japan Chapter of SPWLA</u>
Cosponsored by	<u>Japan Organization for Metals and Energy Security</u>
Supported by	<u>Japanese Association for Petroleum Technology</u> <u>Society of Exploration Geophysicists of Japan</u> <u>Society of Petroleum Engineers, Japan Section</u> <u>The Geothermal Research Society of Japan</u>

Oral Presentations

Day 1, October 7th

9:00 – 9:30	Reception desk open
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Opening

9:30 - 9:40	Safety Briefing Yoshinori Sanada (Vice president of JFES; TAISEI CORPORATION) Opening Address Masatoshi Nishi (President of JFES; INPEX CORPORATION)
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Technical Session 1

Chairperson:	Chair: TBD, Co-Chair: TBD
9:40 – 10:00 -A-	Petrophysics-Driven Shallow Reservoir Evaluation for Sand-Controlled Gas Production in the Gulf of Thailand Sirichai Mahamat (PTT Exploration and Production Public Company Limited)
10:00 – 10:20 -B-	Thermal-Fluid-Solid Coupling Flow Simulation Research and Application of CO₂ Fracturing ZHUANG Xiangqi (SLB)
10:20 – 10:40 -C-	Integrated Petrophysical and Geomechanical Characterization for CO₂ Storage in a Depleted Field, Taiwan Chia-Lo Tsai (CPC Corporation, Taiwan)

Break (20 min)

Technical Session 2

Chairperson:	Chair: TBD, Co-Chair: TBD
11:00 – 11:20 -D-	Case Study: Automated Borehole Image Log Classification in Volcanic Geothermal Reservoirs, Japan Chiaki Morelli (SLB / Kyushu University)
11:20 – 11:40 -E-	Influence of Viscosity Ratio and Injection Pressure on CO₂ Displacement in Fractures JIAXIN ZHANG (The University of Tokyo)

Break (20 min)

Sponsor Session

Chairperson:	Chair: TBD, Co-Chair: TBD
12:00 – 13:00	Presentation 1: Geoactive (15 min) Presentation 2: Halliburton (15 min) Presentation 3: Petromac (15 min) Presentation 4: SLB (15 min)

Lunch Break (1 hr)

Technical Session 3

Chairperson:	Chair: TBD, Co-Chair: TBD
14:00 – 14:40	Invited talk 1 Geomechanics in Petroleum Engineering: Gaps Between Theory and Practice Koji Yamamoto (Japan Organization for Metals and Energy Security (JOGMEC))
14:40 – 15:20	Invited talk 2 Fiber Optic Strain Sensing Based Caprock and Wellbore Integrity Monitoring in CO2 Geological Storage Ziqiu Xue (Research Institute of Innovative Technology for the Earth (RITE))

Group Photo at Lobby (10 min) and Break (20 min)

Technical Session 4

Moderator:	Yoshinori Sanada (Vice President of JFES; TAISEI CORPORATION) Raffik Lazar (Director of JFES; GeomodL International)
15:40 – 17:10	Panel Discussion Koji Kashihara (JAPEx) Michal Kepinski (Ikon Sciences) Cheephuat Tan (ENEOS Xplora) TBD (TBD)

Transport to Banquet

18:00 – 20:00	Banquet Venue: Hotel The Manhattan
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End of Day 1

Day 2, October 8th

9:00 – 9:30	Reception desk open
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Technical Session 5

Chairperson:	Chair: TBD, Co-Chair: TBD
9:30 – 9:50 -F-	Characterization of pore structure heterogeneity using persistent homology and implications for permeability prediction Jingrui Liu (University of Tokyo)
9:50 – 10:10 -G- Online (tentative)	Geomechanical controls on hydraulic fracturing performance in low-quality reservoirs: insights from the Upper Talang Akar Formation, Karangan–Limau Field Alfian Gilang (Pertamina EP)
10:10 – 10:30 -H- Online	Impurities impacts on reactive transport of CO₂ during storage in carbonate rocks Hassan Salisu Mohammed (Universiti Teknologi PETRONAS)
10:30 – 10:50 -I- Online	Integrated Petrophysical and Geomechanical Evaluation of the KX Field, Southwest Luconia, for Reservoir-Scale CO₂ Storage Potential Abdulsalam Bello (Centre for Subsurface Imaging, Universiti Teknologi PETRONAS, Malaysia)

Break (20 min)

Technical Session 6

Chairperson:	Chair: TBD, Co-Chair: TBD
11:10 – 11:50	Invited talk 3 Geomechanical Risk Assessment and Mitigation Strategies of Injection-Induced Seismicity in Underground CO₂ Storage Kenji Furui (Waseda University)
11:50 – 12:10	Keynote Address Javier Miranda (SPWLA President; ONGC Videsh Atlantic Inc.)
12:10 – 12:30	General Meeting Host: Paolo Martizzi (Secretary of JFES; Geophysical Surveying Co., Ltd.)
12:30 – 12:50	Poster Session Introduction Host: Yoshinori Sanada (Vice President of JFES; TAISEI CORPORATION)

Lunch (1 hr)

13:50 – 14:20	Poster Session Core Time 1
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Technical Session 7

Chairperson:	Chair: TBD, Co-Chair: TBD
14:20 – 14:40 -J-	Pressure-Stress Type Curves for Rapid Assessment of Hydro-Mechanical Responses in CO2 Storage Mahiro Suzuki (Waseda University)
14:40 – 15:00 -K-	Reactive viscous fluid fracturing for volcanic reservoirs: combining viscosity control and chemical weakening Nagi Obata (Tohoku University)
15:00 – 15:40	Invited Talk 4 Assessment of Induced Seismicity Magnitudes Associated with CO2 Storage Kotaro Sekine (INPEX Corporation)

Break (20 min)

Technical Session 8

Chairperson:	Chair: TBD, Co-Chair: TBD
16:00 – 16:20 -L-	Well-Aware Imputation Of Missing DTS (Sonic Shear Slowness) Curves Using Machine Learning: A Case Study On The WAID Dataset Ahmed Saad (Cheiron Petroleum Corporation)
16:20 – 16:40 -M-	Upscaling Nanoscale Clay Features for Improved Tight Sandstone Reservoir Characterization: Case Study from Gulf of Thailand Lobel Zvonimir Danicic (Math2Market GmbH)
16:40 – 17:00 -N- Online	Beyond Core Plugs: High-Resolution Scanning as the New Petrophysical Standard Iulian Hulea (Global Petrophysics Advisors B.V)

End of Day 2 Technical Program

17:30 – 19:30	Networking Dinner Venue: JOGMEC-Technology & Research Center Cafeteria
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End of Day 2

Day 3, October 9th

9:00 – 9:30	Reception desk open
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Technical Session 9

Chairperson:	Chair: TBD, Co-Chair: TBD
9:30 – 9:50 -O-	Enhanced Gas Recovery in a Depleted Marginal Sandstone Reservoir Using Down-Dip High-CO₂ Gas Dumpflood: A Field Demonstration from the Gulf of Thailand Jackris Leemasawatdigul, Siwarak Worasuk (PTT Exploration and Production Public Company Limited)
9:50 – 10:10 -P-	Integrated MMV Planning for CCUS in a Depleted Gas Reservoir Using Multi Realization and Extreme Case Simulations to Manage Heterogeneity Risks Miki Kohyama (INPEX Corporation) <i>Current affiliation: JOGMEC</i>
10:10 – 10:30 -Q-	Chelating-agent based stimulation of serpentized peridotite for natural hydrogen production and CO₂ mineralization Luis Salala (Tohoku University)
10:30 – 10:50	Award presentation Award Presenter: Masatoshi Nishi (President of JFES, INPEX CORPORATION) Host: Tomomi Ninomiya (Vice President Technology of JFES, SLB)

Break (20 min)

Technical Session 10

Chairperson:	Chair: TBD, Co-Chair: TBD
11:10 – 11:30 -R-	FIB-SEM Image Classification and Segmentation using Self-Supervision and Vision Transformer Architecture Deepak Devegowda (University of Oklahoma)
11:30 – 11:50 -S-	Novel Fluid Typing in Complex Carbonate Gas Reservoirs: Resolving Invasion Uncertainty with Integrated 2D NMR and Chlorine Measurements Lingdan Xia (SLB)
11:50 – 12:10 -T-	Optimizing Well Data Acquisition in the North Malay Basin Field, Gulf of Thailand Using Synthetic Logs and Cased-Hole Logging Jirapan Sumpaothong (PTTEP)
12:10 – 12:50	Invited Talk 5 A Basic Study of Tip Screen-out Fracturing: Mechanism, Experimental Observations and Its Control

	Takatoshi Ito (Technology Department Energy Business Unit, Japan Organization for Metals and Energy Security (JOGMEC))
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Lunch Break (1 hr)

13:50 – 14:20	Poster Session Core Time 2
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Technical Session 11

Chairperson:	Chair: TBD, Co-Chair: TBD
14:20 – 14:40 -U-	Quantifying Sand Influx Using Distributed Acoustic Sensing Technology: A Novel Severity Classification Framework for Real-Time Sand Management Abdul Halim Abdul Latiff (Universiti Teknologi PETRONAS)
14:40 – 15:00 -V-	Comprehensive Borehole Geophysical Evaluation of Geothermal Potential of a Slochteren Formation Sandstone Reservoir in The Netherlands Ivan Wu (Halliburton)
15:00 – 15:20 -W-	Relieving False Temperature Bias in Hydrogen Darkened Fiber Using Dual Laser Raman DTS Paolo Martizzi (Geophysical Surveying Co., Ltd.)
15:20 – 15:25	Closing Host: Tomomi Ninomiya (Vice President Technology of JFES; SLB)

End of Day 3

End of Symposium

Poster Presentations

-P-01-	Sidewall Core–Based Formation Characterization to Support Geomechanical Evaluation and CCUS Assurance in a PTTEP Field Ponpat Akeartorn (PTTEP)
-P-02-	Beyond the Box, New Workflow Save MMS by Streamline Pressure Validation Chutchai Thiangtham, Jatesada Homkarnpat (PTTEP)
-P-03-	Surface Logging–Driven Mineralogy for Enhanced Reservoir Interpretation: Reservoir Characterization in Laumontite-Cemented Systems Alan Keith Fernandes (SLB)
-P-04-	Development of 3D Multiphysics Model for Anisotropic Wellbore Stability Analysis under High-Temperature and High-Pressure Conditions Takumi Koganezawa (Waseda University)
-P-05-	Reaction-Set Optimization for Robust Formation-Scale Geochemical Evaluation in CO₂ Storage Aiko Nishizaki (Kyushu University)
-P-06-	Advanced Real-Time Mud Gas Logging Identifies Several Potential Zone of Interest when Deal with Low Reservoir Quality: A Case Study from Talang Akar Prospect, Limau Field, South Sumatera Basin Elrey Fernando Butarbutar (Pertamina EP - Zone 4)
-P-07-	Guiding AI for Robust Rock Strength Prediction Using Scratch Test Data Frans Mulders (Geoactive Ltd.)
-P-08-	Review of ANN-Based Fracture Pressure Prediction: Architectural Evolution, Evaluation Practices, and Generalization Challenges Fred Mkuyi (Akita University)
-P-09-	Tectonostratigraphic and thermal evolution of an asymmetric rift basin in the Southern Makassar Strait, Indonesia Mohammad Andri Syahrir Iskandar (Kyushu University)
-P-10-	Simple Parameter, Amplified Consequences: Why Proper Porosity Evaluation Matters in AI-Driven Subsurface Modeling Frederic Robail (KEPLIS Solutionsferd)