

East Asia & Pacific Area Conference 2026

November 10 – 12, 2026 | Pattaya City, Thailand

Technical Program Schedule

November 10

Tuesday

9:00 – 9:20 A.M.

Grand Ballroom

Opening Ceremony

9:20 – 9:45 A.M.

Grand Ballroom

Executive Speeches & Photos

9:45 – 10:15 A.M.

Grand Ballroom

Keynote Address

Bundit Pattanasak, PTTEP, Senior Vice President

10:15 – 10:45 A.M.

Grand Ballroom

Keynote Address

Dr. Ekkarut Viyanit, MTEC, Deputy Executive Director

10:45 – 11:30 A.M.

Exhibit Opening Reception in Exhibit Hall

11:30 A.M. – 1:00 P.M.

Amaya

Lunch

Asset Integrity & Lifecycle Management: Upstream

Ballroom I

“40 Years of Material Selection Evolution for GoT Offshore Platforms and Wet Gas Pipelines: Where Integrity Meets Economics”

Kamonwan Ruangpattanatawee, PTTEP

“Application of Box matching Corrosion Growth Rates to Data Fusion Profiles within a Fitness for service Integrity Assessment”

Liz Brierly, ROSEN

“Microbiologically Influenced Corrosion (MIC) - A Failure Analysis Investigation”

Douglas Bennet, Intertek CAPCIS Malaysia

Asset Integrity & Lifecycle Management: Downstream

Ballroom II

“An Integrated 4-Pillar Ecosystem for Mitigating Corrosion Under Pipe Support (CUPS)”

Vittawas Bunjang & Taywin Buasri, GCME

“Integrity Assessment of Thermal Mixing Piping Using a Correlation-Based Thermal Stress Model for Thermal Sleeve Design”

Phongsakorn Thawornsathit, GCME

“Anatomy of a Sour-Water Leak: Unravelling SCC in AISI 321 Stainless-Steel”

Alexander Saul, QEERI

1:00 – 1:30 P.M.

1:30 – 2:00 P.M.

2:00 – 2:30 P.M.

2:30 – 3:00 P.M.	“Adapting External Ultrasonic Transducers to Mitigate Microbiologically Influenced Corrosion (MIC) in Mature Oil Fields” Natthaphon Ninsitthikul, PTTEP	“The Investigation of Failure Mode UNS 32750 Weldolet Super Duplex Stainless Steel in Sea Water Reverse Osmosis to Hinder Repetitive and Multiple Leak and Unplanned Shutdown” Agus Paul Setiawan & Rully Firmansyah, Pertamina
3:00 – 3:30 P.M. Afternoon Break in Exhibit Hall <i>Sponsored by: APS/CerAnode</i>		
3:30 – 4:00 P.M.	Asset Integrity & Lifecycle Management: Upstream Ballroom I	Research, Digital Tools, AI & Predictive Analytics in Corrosion Ballroom II
	“Finite Element Assessment of Corroded Flanged Joints: An Engineering Basis for Flanged Joint Integrity Management in Aging Facilities” <i>(pending)</i> Raizal Azhar Abd Razak & Hani Sabrina Zulkafli, PTTEP	“Corrosion Baseline Establishment and Pitting Analysis in Process Pipelines Using Corrosion Monitoring Coupons and Advanced Surface Characterization” Dr. Najmiddin Yaakob, UITM
	“Installation-Driven Design: Diverless CP retrofit of a riser under a floating facility” Anand Jyothi & Dave Flanery, Deepwater Corrosion	“Deciphering hydrogen uptake behavior and its effect on hydrogen embrittlement of additive manufactured alloy 718” Dr. Qingyang Liu, QEERI
4:00 – 4:30 P.M.	Cathodic & Anodic Protection Ballroom I	Research, Digital Tools, AI & Predictive Analytics in Corrosion Ballroom II
4:30 – 5:00 P.M.	“Investigation of Unexpectedly Low Cathodic Protection Performance on Newly Installed Offshore Structures” Myat Htoo Htoo Aung & Zin Phyo Htet, PTTEP	“From Detection to Closure: A Risk-Based Digital Anomaly Management Framework Integrating Workflows, Engineering Best Practices and Human-in-the-Loop AI” <i>(pending)</i> Navein Govindarajoo, Ankaa Consulting
	“Breaking the RMU Paradigm: High-Frequency Data Logging meets Edge Computing for Smarter Cathodic Protection” Ivano Magnifico, AUTOMA	“Does Elemental Sulphur Play a Role in SRB related MIC?” Dr. Daniel Blackwood, National University of Singapore
November 11 Wednesday		
8:30 – 9:00 A.M.	Cathodic & Anodic Protection Ballroom I	Research, Digital Tools, AI & Predictive Analytics in Corrosion Ballroom II
	“Analyzing Performance Differences Between Spark Gaps And DC Decouplers In Over-Voltage Applications” Govind Annapa, Dairyland	“The Digital Innovations for Turnkey Corrosion Under Insulation (CUI) Management” Wanisara Rattanawiboon, Tanapat Kaewmaneeikul & Chatchai Wongchalieo, GCME

9:30 – 9:30 A.M.	“Challenges in Verifying CP for HDPE-Lined Tank Bottoms: A Field Investigation and Lessons Learned” Chatchai Wongchalieo, GCME	“Machine Learning Predictive Model for Corrosion Under Insulation Using Real-world Monitoring Data” Nutwutthikorn Techataweerat, GCME
	“How Does The AC-Induced Voltage Affect the Effectiveness of Magnesium Anodes” Abed Sneineh, BORIN Manufacturing	“Advances in Thermal Insulation Coatings (TICs) for Energy Retention & Managing CUI” David Hunter, Hempel
10:00 – 10:30 A.M. Morning Break in Exhibit Hall		
10:30 – 11:00 A.M.	Corrosion in Energy Transition: Hydrogen, CCS, Alternative Fuels Ballroom I	Smart Coatings, Linings, & Insulation Ballroom II
	“Repurposing Existing Facilities for CO₂ Reinjection: An Engineering Verification Framework” Pruch Kijkla, PTTEP	“Understanding the Personnel Protection Standards & Thermal Insulating Coatings (TICs)” David Hunter, Hempel
	“Importance of Renewable Energy and Waste to Energy Acceleration in Decarbonisation against Climate Change with reduction in Hydrocarbon Fuel Import” Bob Phang, SMEC	“Looking Past the Reflection: Understanding the Differences Between Thermal Insulation Coatings (TICs) and Reflective Coatings” David Hunter, Hempel
11:30 A.M. – 1:30 P.M. Amaya Lunch		
1:00 – 1:30 P.M.	Corrosion in Energy Transition: Hydrogen, CCS, Alternative Fuels Ballroom I	Smart Coatings, Linings, & Insulation Ballroom II
	“An Atmospheric-Pressure Aqueous Surrogate for Prescreening Wet Supercritical CO₂ Corrosion of Carbon-Steel CO₂ Transport Pipelines” Naken Saetang, i-SMaT	“Are current coatings durability testing regimes translatable to real-life environments? Improvements in Norsok M501: 2022 for Epoxy Passive Fire Protection” Derek Ng, AzkoNobel
1:30 – 2:00 P.M.	Chemical Treatment Ballroom I	Smart Coatings, Linings, & Insulation Ballroom II
	“An Innovative Approach to Top of Line Corrosion Mitigation Using Volatile Corrosion Inhibitors in Upstream Production Facilities” Rehan Ahmed, PETRONAS	“Key differences in selection of tank linings for biofuels compared to fossil fuels” David Hunter, Hempel

2:00 – 2:30 P.M.	“Mechanistic Understanding Severe Top-of-Line Corrosion Under Low-pH Conditions, Protection, and Monitoring” Dr. Tanaporn Narkbuakaew, PTTEP	“Is there an alternative to Bresle? The saturated filter paper method” David Barnes, Elcometer
	3:00 – 3:30 P.M. Afternoon Break in Exhibit Hall	
3:30 – 4:00 P.M.	Chemical Treatment Ballroom I	Advanced Materials Ballroom II
	“Top of Line Vapour Phase Corrosion Inhibitor Qualification for High CO2 Multiphase Wet Gas Pipeline” Steven Davoren, SLB	“Upgrading metallurgy to resist sour service utilising IGS HVTS and Automated Weld Overlay” Pete Johnson, IGS
4:00 – 4:30 P.M.	Chemical Treatment Ballroom I	Robotics, Drones, and Advanced Tools Ballroom II
	“Evaluation of MIC-Induced Corrosion Rates and Optimization of Biocide Formulations in Upstream Oilfield Assets” Dr. Naruphorn Dararatana, PTTEP	“A Novel NDT Approach: Ensuring Integrity and Safety in LDPE Reactor Tube Systems” Thiha Soe & Kantapong Komintr, GCME
4:30 – 5:00 P.M.	“Integrated MIC Management & Mitigation for Subsea Pipelines and Topsides Structures” Pyone Lae Naing, PTTEP	“Mastering PAUT Methodology for Effective Stress Corrosion Cracking (SCC) Inspections” Pongpob Petch-urai & Sakarin Puttapong, GCME
	“Improving MIC Mitigation Strategies Using Molecular Tools” Dr. Silvia Salgar-Chaparro, Curtin University	“Comparison of Detection and Height Sizing Ability of Planar Defect in Thick Wall Weld Steel Between PAUT and TOFD Techniques” Chanvich Rungrueng, GCME
November 12 THURSDAY		

9:45 – 10:15 A.M. Keynote Address <i>Dr. Yuttanant Boonyongmaneerat, MMRI, Director</i>
9:00 – 10:00 A.M. “The Future of Corrosion Management: Balancing Asset Life Extension, Sustainability, and Emerging Energy Challenges” Panelists: <i>Rehan Ahmed, PETRONAS</i> <i>Dr. Pinai Mungsantisuk, TMP</i> <i>Heramb Trifaley, AGEP</i> <i>Anan Chansakran, PTTEP</i> <i>Silakorn Passaworn, PTTEP (moderator)</i>
10:00 – 10:30 A.M. Morning Break in Exhibit Hall

10:30 – 11:30 A.M.

“The Next Generation of Corrosion Management: Where Science, Data and Field Experience Meet”

Panelists: *Dr. Najmiddin Yaakob, UITM*

Dr. Silvia Salgar Chaparro, Curtin University

Dr. Ekawan Luepromchai, Chulalongkorn University

Kamonwan Ruangpattanatawee, PTTEP

Dr. Naruphorn Dararatana, PTTEP (moderator)

11:30 A.M. – 12:00 P.M.

Closing Remarks