



20th International Conference:
The Jack-Up Platform
Design, Construction & Operation
 16th - 17th September 2025
 City St George's, University of London, UK

city.ac.uk/jackup jackup@city.ac.uk

Supported by
 DNV Noble Denton Marine Services

Monday 15th September 2025

18:00 – 22:00	Evening Drinks and Buffet Location: The Sekforde, 34 Sekforde St, Farringdon, London EC1R 0HA	Supported by DNV Noble Denton Marine Services	
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Tuesday 16th September 2025

08:15 – 09:00	Registration and coffee Location: Foyer of Oliver Thomson Lecture Theatre, Tait Building The Tait Building is accessed from the main entrance to the university from the north side of Northampton Square, EC1V 0HB.
09:00 – 09:15	Conference Opening - Professor Sarah Stallebrass, Deputy Head of Engineering, School of Science and Technology, City St George's, University of London Location: Oliver Thomson Lecture Theatre
	Session 1 Location: Oliver Thomson Lecture Theatre
Paper 1	09:15 – Engineering Sustainability: Drilling Jack-Up Rig Viability in Renewables - An Industry Discussion 09:45 <i>Dr Peter Hone (Energy Consulting Group Pte. Ltd)</i>
Paper 2	09:45 – Beyond the Buzz: Real-World Digital Solutions for Offshore Wind Competitiveness 10:15 <i>Kayo Vanderheggen, Joost Janssen (GUSTOMSC)</i>
Paper 3	10:15 – Coupled Dynamic Effects of Lowering a Large Monopile Through the Splash Zone from a Jack-up 10:45 <i>Joaquin Bilbao, Hugo Hofstede, Vincent Lit, Otto van Ewijk (GustoMSC)</i> <i>Can Mollaibrahimoglu, Quentin Meissonnier (Cadeler)</i>
10:45 – 11:15	Coffee Break Location: Foyer of Oliver Thomson Lecture Theatre
Paper 4	11:15 – Offshore Wind Farm Installations – JU Vessel Spudcan – Soil - WTG Suction Bucket Foundation Interaction, and Safe Separation Distance 11:45 <i>Lindita Kellezi et al (GEO)</i>
Paper 5	11:45 – Seabed Intervention in the Harbour Area and Impact on the Quay Wall Structure, Applicable to JU Vessel Installation for Loading of WTGs 12:15 <i>Lindita Kellezi et al (GEO)</i>
12:15 – 13:30	Lunch Location: Courtyard Café
	Session 2 Location: Oliver Thomson Lecture Theatre
Paper 6	13:30 – Back-calculated operative friction angles from spudcan penetration records in uniform and layered sandy seabeds 14:00 <i>Sophie Smith, David Edwards (DNV)</i>
Paper 7	14:00 – A Novel Particle-Based Numerical Approach for Spudcan Penetration Analysis 14:30 <i>Karlis Caucis, Matteo Alessandrini (Global Maritime), Prof Ha H. Bui, Tien Nguyen (Monash University, Australia)</i> <i>Can Coskun, Suzannah Brown (Cadeler)</i>
Paper 8	14:30 – When Preloading is not Sufficient: Cyclic Degradation Risks in Loose Silty Soils 15:00 <i>H.K. Engin, L. O. Hartnik, R. Stelzer, H.P. Jostad, K. H. Andersen (NGI)</i> <i>Job Kramers, Hugo Hofstede (GustoMSC)</i>

15:00 – 15:30	Tea Break Location: Foyer of Oliver Thomson Lecture Theatre
Paper 9	15:30 – Fixity for Spudcans Bearing on Sand Under Clay 16:00 <i>J. S. Templeton III (SAGE USA, Inc.)</i>
Paper 10	16:00 – When Two Become One – Creating the World’s Largest Jackup 16:30 <i>Rainier Verhulst, Leon Herting, Guus Lemmers (Petrodec BV)</i> <i>Michael Perry, Satish Menon, Margarita Georgieva, Matthew Quah (Seatrium Offshore Technology)</i>
	16:30 – J-Reg Update 17:00 <i>James Brekke</i>
18:00 – 22:00	Pre-dinner Drinks - Sponsored by ABL Group Conference Dinner

Wednesday 17th September 2025

	Session 3 Location: Oliver Thomson Lecture Theatre
Paper 11	09:00 – Leveraging Numerical Simulations for Managing Installation Risks 09:30 <i>Paul Handidjaja (Sterling Technical Services), Erick Kencana, Okky Purwana (Geo Oceanics)</i>
Paper 12	09:30 – Case Study of a Jack-Up Going on Location in a Multi-Modal Sea State 10:00 <i>Maas Hoogeveen, Gijs Holland (Calypso)</i> <i>Geert Weymeis (Jan de Nul), Mark Paalvast (Mocean Forecast)</i>
Paper 13	10:00 – Factor of Safety for Assessing Punch-through Failure during Installation and Preloading of Spudcan Foundations 10:30 <i>Muhammad Shazzad Hossain, Prof. (The University of Western Australia), David Menzies (MatthewsDaniel Geotechnical Group), Dushyant Bhardwaj (ExxonMobil Technology and Engineering), Patrick C Wong (IOGP/ISO TC67/SC7/WG7/TP4 Convenor)</i>
10:30 – 11:00	Coffee Break Location: Foyer of Oliver Thomson Lecture Theatre
Paper 14	11:00 – Effective Soil Stiffnesses while coming off Location and their Effect in the Response of 3-Legged Jackups 11:30 <i>Jose H. Vazquez, Ph.D., Barton D. Grasso, P.E. (3Dent Technology, LLC)</i> <i>Okky Purwana, Ph.D., Erick Kencana, Ph.D. (Geo Oceanics Pte Ltd)</i>
Paper 15	11:30 – VH and VM envelopes for spudcans founding on a sand layer overlain by clay 12:00 <i>Edwin Li (Imperial College London), David Edwards (DNV), Lidija Zdravkovic (Imperial College London)</i>
Paper 16	12:00 – Assessing Seismic Risk and Target Reliability for Jack-Ups Using Continuous-Time Markov Chains 12:30 <i>D. Rabaut (DEME Offshore)</i>
12:30 – 13:45	Lunch Location: Courtyard Café
	Session 4 Location: Oliver Thomson Lecture Theatre
Paper 17	13:45 – Numerical Investigation of Seismic Soil-Structure Interaction in Offshore Foundations 14:15 <i>M. R. Imansyah, M.G. Taborda (Imperial College London), K. W. Hau, L. Chen, R. Hosseini Kamal (DNV)</i>
Paper 18	14:15 – On the Fatigue of Jackup Legs During Transit 14:45 <i>Jose H. Vazquez, Ph.D., Barton D. Grasso, P.E., Marcus A. Gamino (3Dent Technology, LLC)</i>
Paper 19	14:45 – Revised Limits on ISO 19905-1 Tubular Member Limiting Diameter to Thickness Ratios given Water Depth 15:15 <i>Dr Paul A Frieze (PAFA Consulting Engineers, UK)</i>
	15:15 - ISO Status report 15.45 <i>Mike Hoyle (DNV)</i>
16:00	Closing & Tea