

24th Offshore Symposium 2019

Houston, Texas, USA
20 February 2019

ISBN: 978-1-5108-8381-9

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Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



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The 24th Offshore Symposium

Feb 20, 2019 | Houston, Texas

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Time	Room - Pecan	Room - Elm	Room - Red Oak Ballroom A
7:00am - 8:30am	Breakfast and Registration - Live Oak		
7:30am - 8:30am	Ethics Course, presented by TBPE		
8:30am - 10:00am Room: Red Oak Ballroom A-B	<p align="center"><u>Panel Discussion:</u> "Adapting Mooring Design and Standards for the Next Generation of Offshore Platforms"</p>		
10:00am - 10:20am	Coffee Break; Sponsored by GustoMSC		
10:20am - 11:50am	<p><i>Morning Session I: Soil Structure Interaction</i> Jack-up Spud Can Foundation Fixity for Various Clay Strength Profiles J. S. Templeton, III SAGE USA, Inc 1</p>	<p><i>Morning Session II: Analytical Mooring</i> Numerical Study on OPB/IPB Interlink Angle with Underwater Chain Stopper System Woo Chul Chung, Heon Yong Kang, Moo Hyun Kim Texas A&M University 39</p>	<p><i>Morning Session III: Deepwater Optimization</i> Fueling Strategy for Offshore Facilities - a Study Anup Srivastava Chevron 78</p>
	<p>Challenges of Using Residual Curvature Method in Deep Water Pipelines Tanner J. Powell, Qiang Bai, Mark Brunner, Shawn Searle Genesis Oil and Gas, TechnipFMC 13</p>	<p>High Strength and High Stiffness Rope for Permanent Deepwater Mooring: Technology Development and Challenges Xiaohong Chen, Sue Wang, Mark Ausborn, Zhen Li ABS, Exxonmobil 52</p>	<p>Investigating Opportunities and Challenges for Unmanned Floating Production Facilities Anders Martin Moe, Gaurav Singhal, Astrid Barros, Paul Erb Wood, Woodside Energy LTD 94</p>
	<p>Design and Installation of Dynamically Installed Piles for Deepwater Mooring X.Y. Zhang, F. Yong, Y.P. Li, J.T. Yi, F.H. Lee, X. Chen, S.Q. Wang ABS, National University of Singapore, Hohai University, Chongqing University 28</p>	<p>Dissection, Measurement and Analysis of a Recovered Damaged Flexible Riser Colin C. Duffett Wood PLC 66</p>	<p>Roadmap for Selecting Cost Efficient Deepwater Investments Shiladitya Basu, Tirtharaj Bhaumik KBR/Granherne, KBR/GVA 106</p>
11:50am - 1:20pm Room : Magnolia	<p align="center"><u>Luncheon Keynote:</u> "Blue Oceans: Offshore and Ship Research for Future Maritime Challenges" Dr. Bas Buchner, President, MARIN (Maritime Research Institute Netherlands) SNAME Membership Awards</p>		
1:20pm - 1:30pm	Coffee Break		
1:30pm - 3:00pm	<p align="center"><i>Afternoon Session I: Student Program</i></p> <p align="center">Student Poster Session</p>	<p><i>Afternoon Session II: Mooring Design</i> Review of Offshore Mooring System Life Extension - Challenges and Recommendations Aifeng Yao, Qinghe Zhang Chevron, ABS 123</p>	<p align="center"><i>Afternoon Session III: SNAME T&R Panels</i></p> <p align="center">Overview: OC-10 Ocean Renewables OC-8 Wind Technologies</p> <p align="center">Panel Session: OC 9 Robustness Checks for Floating Systems</p> <p align="right">171</p>
		<p>Assessment of Nearshore FSRU/FLNG Mooring Amitava Guha, Sue Wang ABS 139</p>	
		<p>The Evolution of Deepwater Disconnectable Moorings Jason D. Pasternak, Daniel J. Alonso, John T. Shelton III, Ginny R. Whisenhunt Delmar Systems, Inc. 154</p>	
3:00pm - 3:20pm	Coffee Break; Sponsored by Halton Marine Americas		
3:20pm - 4:50pm	<p><i>Closing Session I: Improving Operation Standards</i> Explosion Proof Technology Application on Tier 3 and Tier 4 Final Engines (Electronic engines application) Joseph Tovlin MIRETTI N/A</p>	<p><i>Closing Session II: Hydrodynamics</i> A Distributed Vorticity Model for Flow Past a 3-D Hydrofoil Chunlin Wu, Spyros A. Kinnas University of Texas at Austin 224</p>	<p><i>Closing Session III: Offshore Structure Reliability</i> Demonstrating Target Safety Level for Life Extension of Offshore Structures Piotr Szalewski, Grzegorz Malinowski, Jenny Yan Lu DNV GL Houston 271</p>
	<p>Hybrid Induction - Oxygen Cutting Process for Faster, More Efficient, and Less Costly Scrapping of Off-Shore Petroleum Platforms Jerald E. Jones, Valerie L. Rhoades, James R. Dydo EnerdynTech, Inc., Gatekey Engineering 193</p>	<p>Experimental Investigation of a Dropped Model Rocket in the Towing Tank of the University of New Orleans Hallie Collopy, Xiaochuan Yu, Yi Li, Ken Hagimoto, Haozhan Meng, Scott Arbeiter University of New Orleans 243</p>	<p>A Comprehensive Framework to Develop Resilient Offshore Structures Alberto Morandi GustoMSC US, Inc. 287</p>
	<p>Virtual Multimodal Automated Object Detection with Deep Neural Networks Nikolaos Mitsakos, Sanat Upadhyay, Manos Papadakis University of Houston, LOLAARK LLC 202</p>	<p>Applying 3D Viscous/Inviscid Interaction Method to Predict Flows Around Wings and Propellers Weikang Du, Spyros A. Kinnas University of Texas at Austin 254</p>	<p>Investigating Impact of Revised DNVGL-OTG-13 Guideline on Air Gap Predictions for Semisubmersibles Gaurav Singhal, Jun Cheng, Joao Pessoa, Anders Martin Moe Wood 302</p>
4:50pm - 6:30pm	Reception; Sponsored by SOFEC		