

EXPLORATION PODS

Join an Exploration Pod session in the Agora for an intimate conversation with technology and science thought leaders.

Tuesday 3/7

10am	Robots, data & autonomy: The subsea revolution James Bellingham, Ph. D., Director, Center for Marine Robotics, Woods Hole Oceanographic Institution
10:30am	High-efficiency ceramic power generator Gary Simon, President & CEO, Atrex Energy
11am	Journey to outer space: High energy management stakes in the harshest environment Michael Foreman, Former Astronaut, NASA
11:30am	Azima DLI Burt Hurlock, CEO, Azima DLI
12pm	Emergency response workshop Edward Mills, VP Global HSE, Honeywell
1pm	Digital roadmap: Disrupt or be disrupted Adeb Gharzouzi, Senior Manager, Digital Practice, Accenture Strategy
1:30-2:30pm	Uberization of onshore: What if the well was the customer? Tom Bonny, Managing Director, Accenture Strategy
2:30pm	Nanotechnology-Enabled Water Treatment (NEWT): A vision to address grand challenges at the water-energy nexus Dr. Pedro Alvarez, George R. Brown Professor of Engineering, Rice University
3pm	A data-driven approach to equipment maintenance of offshore platforms Stig Olav Settemsdal, Global Head, Portfolio Management & Innovation, Offshore Solutions, Siemens
3:30pm	Who's afraid of the big bad cloud? Guido Jouret, Chief Digital Officer, ABB
4pm	Additive manufacturing Adam Boyle, Director, Global Additive Manufacturing Operations, Emerson
4:30pm	Water markets in the Permian basin and beyond Josh Adler, Founder & CEO, Sourcewater
5pm	Disrupting oil & gas exploration and production with advanced micro sensors Dr. Aydin Babakhani, Assistant Professor, Rice University
5:30pm	Journey to outer space : High energy management stakes in the harshest environment Michael Foreman, Former Astronaut, NASA
6pm	Agile design powered by Cloud CAD Jon Hirschtick, Co-Founder & CEO, Onshape



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Wednesday 3/8

9am	A data-driven approach to equipment maintenance of offshore platforms Stig Olav Settemsdal , Global Head, Portfolio Management & Innovation, Offshore Solutions, Siemens
11am	Maana Babur Ozden , Founder & CEO, Maana
11:30am	CyPhy Works Helen Greiner , Founder & CTO, CyPhy Works
12pm	Rheidiant Murat Ocalan , Founder & CEO, Rheidiant
12:30pm	Magseis Idar Horstad , CEO, Magseis
2pm	Blockchain Technology: the coming digital revolution Jeffrey Billingham , VP, Business Development, IHS Markit
3pm	Additive manufacturing Adam Boyle , Director, Global Additive Manufacturing Operations, Emerson
3:30pm	Nanotechnology 3.0 transformative applications for the oil & gas industry Dr. Matteo Pasquali , Professor of Chemical Engineering, Rice University
4pm	Alion Energy Mark Kingsley , President & CEO, Alion Energy
4:30pm	NET Power update Bill Brown , CEO & Co-Founder, NET Power
5pm	Innovation by design: Engineering heat transfer for refinery energy efficiency Francesco Coletti , Director & CTO, Hexxcell



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Thursday 3/9

10:30am	An integrated platform for digitalization of the power industry Kim Dae Young, General Manager, KEPCO
11am	Opus One Solutions Joshua Wong, Founder & CEO, Opus One Solutions
11:30pm	Hyllion Thomas Healy, Founder & CEO, Hyllion
12pm	Aircuity Update Daniel E. Diehl, CEO, Aircuity
12:30pm	Voice control in the home: The post-app era of managing the connected home Roy Vella, VP/GM, Connected Home NA, Centrica
2pm	Fluidic Energy Steve Scharnhorst, CEO, Fluidic Energy
2:30pm	Performance monitoring of high voltage power lines using fiber optics Geoffroy Lacoïn, CEO, Omnisens
3pm	Project OptiWatt Eugene Toh, Director, Policy & Planning, Energy Market Authority, Singapore
4:30pm	Hive, workshop: How to drive innovation from within a big business Sudeep Maitra, Global Director, Strategy, Centrica
5pm	The role of natural gas in a distributed energy future Matt Wheatley, VP Sales & Commercial, NA Distributed Energy, Centrica
5:30pm	A machine learning-enabled, design-for-economics framework for 3D printing drill bits Dr. C. Fred Higgs III, John and Ann Doerr Professor of Mechanical Engineering, Rice University

