

# Offshore Korea Technical Conference 2020

1-2 Oct. 2020 / 2F, Convention Hall, BEXCO, Busan, Korea

1 Dec. (Day 1)

Date	Time	Tract A (Room 205)	Time	Track B (Room 201-204)
		<b>Opening Ceremony</b>		
	10:00-10:10 (10')	<b>Opening Remarks</b>		
	10:10-10:30 (20')	<b>Special Session: Qatar Vision in Offshore Projects Development</b> Ahmad Saeed Al Amoodi / Executive Vice President (Qatar Petroleum, Qatar)		
		<b>Keynote Speech 1</b>		
	10:30-11:00 (30')	<b>Global Energy Market Trend in Oil &amp; Gas Industry</b> Luis Bertran RAFECAS / Secretary General (International Gas Union (IGU), Spain))		
	11:00-11:10 (10')	<b>Break</b>		
		<b>Panel Discussion</b>		
		<b>Future of the Offshore Industry (Enhancement of Capability for EPC Industry in Korea)</b> Moderator: Jun-Cheol Kim / Executive Vice President (Samsung Heavy Industries)		
	11:10-12:20 (70')	Seon Mook Lim / Senior Vice President (Hyundai Heavy Industries)		
		Hyun Jin Kim / Vice President (Daewoo Shipbuilding & Marine Engineering)		
		Jung Chul Bae / President (Korea Marine Equipment Research Institute(KOMERI))		
	12:20-13:30 (70')	<b>Lunch Break</b>		
		<b>Session 1 : LIs of Offshore EPC Projects</b> [Chairperson] -Young Jae Lee / General Manager (Daewoo Shipbuilding & Marine Engineering)		
1 (Tue)	13:30-13:55 (25')	<b>Design Improvement for Successful Commissioning of Offshore Plant Seawater Overboard System</b> Yuntae Jin / Researcher (Hyundai Heavy Industries Group Korea Shipbuilding & Offshore Engineering)		
	13:55-14:20 (25')	<b>DSME Offshore Project Lessons Learned</b> SungTae Park / General Manager (Daewoo Shipbuilding & Marine Engineering)		
	14:20-14:45 (25')	<b>Introducing LNG FPSO to Offshore</b> Byung-hyup Antonio Yoon / Senior Project Manager(Samsung Heavy Industries)		
	14:45-15:10 (25')	<b>DNV GL's Risk Based Design Verification &amp; Project Lesson Learned</b> Sun Keun LEE / Senior Principal Engineer (DNV GL Korea)		
		<b>Session 2 : Way to Improve the Competitiveness in Shipyards for Oil &amp; Gas Industry</b> [Chairperson] -Jin Seong Son / Senior Engineering Officer (Hyundai Heavy Industries)		
	15:30-15:55 (25')	<b>Insurance of FLNG Market Competitiveness with New Liquefaction Pilot Test Facilities</b> Hyobin Kim / Engineer (Samsung Heavy Industries)		
	15:55-16:20 (25')	<b>Challenges of Safety Studies for Offshore Oil &amp; Gas Installation</b> Changkyu Yun / Safety Engineer (Daewoo Shipbuilding & Marine Engineering)		
	16:20-16:45 (25')	<b>Development of HI-PROS &amp; Future</b> Young Chul Choi / Engineering Manager (Hyundai Heavy Industries)		
	16:45-17:10 (25')	<b>The More Compatibility The Stronger Competitiveness</b> Jin Seong Son / Senior Engineering Officer (Hyundai Heavy Industries)		

2 Dec. (Day 2)

Date	Time	Tract A (Room 205)	Time	Track B (Room 201-204)
		<b>Keynote Speech 2</b>		
	10:30-11:00 (30')	<b>Digital Solution: Moving into Future</b> Matthew Tremblay / Head(Senior Vice President ) (ABS)		
	11:00-11:10 (10')	<b>Break</b>	11:00-11:10 (10')	<b>Break</b>
	<b>Session 3 : KOEA Forum (New Technology)</b> [Chairperson] -Kwang Hyo Jung / Ph.D, Associate Professor (Pusan National University)		<b>Session 4 : Country Session (Brazil / Guyane)</b> [Chairperson] -TBD	
	10:40-11:15 (35')	<b>Mooring Integrity Management Program - Fatigue Assessment Based on the Field Measured data for Williams owned Gulfstar Spar Platform</b> Young-Chan Park / Manager of Offshore Engineering, Gulf of Mexico Projects(Williams)	10:40-11:05 (25')	<b>PETROBRAS Past, Present and Future FPSO Projects</b> Joao Henrique Rittershausen / Head(Petrobras)
	11:15-11:50 (35')	<b>Direct Time Domain Reponse Based Design and Analysis using High Performance Computing</b> Bonjun Koo / Engineering Supervisor, Genesis	11:05-11:30 (25')	<b>FPSO: Navigating Regulatory Framework for a Successful Project</b> Luiz Feijo / Director (ABS)
			11:30-11:55 (25')	<b>Practical Consideration and Limits of Local Contents Policy: Case study of Nigeria</b> SeongJong Han / Director of Offshore Industries R&BD Center (KRISO)
			11:55-12:20 (25')	<b>Operational Safety Inspection Before and After the Pandemic</b> Nayara Nunes Ferreira / General Coordinator of Inspection(SSN/ANP)
	12:20-13:30 (70')	<b>Lunch Break</b>	12:20-13:30 (70')	<b>Lunch Break</b>
	<b>Session 5 : Digitalization and Smart Construction</b> [Chairperson] -Sun Il Yoo / Business Development Manager (DNV GL Korea)		<b>Session 6 : Offshore Decommissioning</b> [Chairperson] -Jo Hyo Jae / Professor(Korea Maritime & Ocean University)	
	13:30-13:50 (20')	<b>Digital Twin Benefits Being Realised on Offshore Assets</b> Luis Benito / Innovation and Co-Creation Director (Lloyd's Register)	13:30-13:55 (25')	<b>Fundamental Study for Marine Operations in Jacket Platform Removal</b> Yoon-Jin Ha / Senior Researcher (Korea Research Institute of Ships & Ocean Engineering(KRISO))
	13:50-14:10 (20')	<b>The Power of Partnerships in Maritime Digitalization</b> Lande Magnus / Veracity Head of APAC (DNV GL Digital Solutions)	13:55-14:20 (25')	<b>Project Execution Overview Decommissioning Vessel</b> Young Hwan Choi / Director(Daewoo Shipbuilding & Marine Engineering Co., Ltd.)
	14:10-14:30 (20')	<b>Introduction of 4D System for Efficient Construction Planning</b> Ji Hoon Hong / Manager (Hyundai Heavy Industries)	14:20-14:45 (25')	<b>Collaboration with Indonesia in Offshore Service Sector</b> Il Hyung Cho / Head (Korea Maritime & Ocean University Industry-University ETRS Center Education Technology Research Support)
	14:30-14:50 (20')	<b>What Can DT do for Shipbuilding Industry?</b> Jin-Hyung Park / Senior Manager (Samsung Heavy Industries)	14:45-15:10 (25')	<b>Technical Aspects for Offshore Platform Decommissioning</b> Seock Hee Jun / Principal Researcher (Korea Maritime & Ocean University Industry-University ETRS Center Education Technology Research Support)
	14:50-15:10 (20')	<b>DSME's Experience for Smart Product</b> InIl Kim / Senior Researcher (Daewoo Shipbuilding & Marine Engineering)		
	15:10-15:30 (20')	<b>Coffee Break</b>	15:10-15:30 (20')	<b>Coffee Break</b>
	<b>Session 7 : New MOPU(Mobile Offshore Production Unit) Trend</b> [Chairperson] -Hong Gun Sung / Ph.D, Korea Research Institute of Ships & Ocean Engineering(KRISO)		<b>Session 8 : New Equipment and Technology</b> [Chairperson] -Jung Chul, Bae /President(Korea Marine Equipment Research Institute(KOMERI))	
	15:30-15:50 (20')	<b>Ongoing Development of KRISO Standard Offshore Structures</b> Seok-kyu Cho / Principal Researcher (Korea Research Institute of Ships & Ocean Engineering(KRISO))	15:30-15:55 (25')	<b>Construction and Operation Status of Offshore Testing Facilities in Korea</b> Gyu Hong Kang /Principal Researcher (Korea Marine Equipment Research Institute)
	15:50-16:10 (20')	<b>Toward Digital Twin of A MOPU: Structural Health Monitoring</b> Yongman PARK / Lead Researcher (Hyundai Heavy Industries)	15:55-16:20 (25')	<b>Introduction of Hydrogen Fuel Cell R&amp;D Status for Ship Application</b> Giltae ROH / Principal Researcher (KOREAN REGISTER)
	16:10-16:30 (20')	<b>Performance Improvement of Semi-submersible Drilling Unit under Harsh Environments</b> Deok-Su Kim / Principal Researcher (Daewoo Shipbuilding & Marine Engineering)	16:20-16:45 (25')	<b>Solid Oxide Fuel Cell System for Ship Application</b> Bo Hyun Ryu /CTO (Fuel Cell Innovations Co., Ltd.)
	16:30-16:50 (20')	<b>Activities to Develop SHI's Standard Offshore Platform</b> Hyun Joe Kim / Director of SSMB(Samsung Ship Model Basin) (Samsung Heavy Industries)	16:45-17:10 (25')	<b>Development of Cryogenic Probe for Real-time Analysis of LNG and Liquefied Hydrogen</b> Ju Dong Lee / Executive Director(KITECH)
	16:50-17:10 (20')	<b>Hi-FL2P 150MW Floating LNG Power Plant</b> Jeonggil Kim / Engineer (Hyundai Heavy Industries)		

2 (Wed)