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Proceedings of the 6th International Conference on

TECHNOLOGY AND OPERATION OF OFFSHORE SUPPORT VESSELS

8-9 September 2016

Editor
Arun Kr Dev

OSV SINGAPORE 2016

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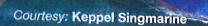
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Day 1 — Thursday, 08 September 2016

08:15 onwards	Registration	
09:00-10:00	Opening Ceremony	
	Opening and Welcome Address by Tan Kim Pong (Chairman) The Organizing Committee of "OSV Singapore 2016"	
	Speech by Guest of Honor Mr. Chow Yew Yuen Chief Executive Officer, Keppel Offshore & Marine	
	Opening of Technical Stream by Arun Dev (Chairman) The Technical Committee of "OSV Singapore 2016"	
	Keynote 1: OSVs – Preparing for Tomorrow Mr Steen Brodsgaard Lund, Vice President and DNV GL Regional Manager for SEA, Oceania and India	1
10:00–10:30	Tea/Coffee Break	
10:30–11:00	Keynote 2: Bright Spots Amidst the Gloom Mr B H Wong, Advisor to Triyards Holdings, Advisor to Ezion/Teras Holdings and Executive Director, Charisma Energy Services	
11:00–11:30	Crucial Shipbuilding CAD Improvements on OSV Design Francisco Regueira and Rodrigo Perez, Marine Department, SENER, Spain	1
11:30–12:00	Impact of Maritime Labour Convention, 2006 on Design and Performance of New Ships – Noise Raymond Chia, Vroon Offshore Services Pte Ltd, Singapore; Ivan Tam and Arun Dev, Newcastle University, Singapore	14
12:00–12:30	Redefining Shipyards, from Offshore Rigs to Offshore Nuclear Plants Lim Soon Heng, EMAS Consultants LLP, Singapore	22
12:30–13:30	Lunch	

13:30–14:00	OSV Personnel Management and Harmony Brian P. Jenner, Survey Association Pte Ltd, Singapore	31
14:00–14:30	Offshore Vessel Management and Self-Assessment Naveen S. Singhal, JAG Consultants plc, Singapore; Arun Dev, Newcastle University, Singapore	36
14:30–15:00	Cost Efficient Deep-Water Lowering with HMPE Rope P. Smeets, R. Bosman, J. Boesten, DSM Dyneema BV, 6160 BD Geleen, The Netherlands; Y. L. Liu, DSM Dyneema APAC, Singapore	41
15:00–15:30	Tea/Coffee Break	
15:30–16:00	DP Capability Analysis by Time-Domain Simulation Approach Jinlong Men, Gopala Krishnan, MI@SP, Singapore Polytechnic Arun Dev, Newcastle University, Singapore	47
16:00–16:30	Effect of Hull Form and its Associated Parameters on the Resistance of a Catamaran Zulkarnain Bin Ramsani, Ivan CK Tam and Arun Dev, Newcastle University, Singapore	56
16:30–17:30	UG and PG Students' Projects' Presentations	
18:00–19:00	Cocktail Reception (By Invitation Only)	
19:00–21:30	Conference Banquet Dinner (By Invitation Only)	

Venue: SPGG Guild House (Singapore Polytechnic Graduates' Guild House) (Enter through Gate No. 4 on Dover Road) 1010 Dover Road Singapore 139651

21:30

End of Day 1

Day 2 — Friday, 09 September 2016

09:00 onwards	Registration	
09:25-09:30	Opening of Technical Stream by Arun Dev (Chairman) The Technical Committee of "OSV Singapore 2016"	
09:30–10:00	Holistic Approach in Design and Operation of Energy Efficient Offshore Vessels Ricky R. Chan and Jori Poikola, ABB Marine Pte Ltd, Singapore	67
10:00-10:30	Tea/Coffee Break	
10:30–11:00	Impact of Maritime Labour Convention, 2006 on Design and Performance of New Ships - Vibration Raymond Chia, Vroon Offshore Services Pte Ltd, Singapore, Ivan Tam and Arun Dev, Newcastle University, Singapore	75
11:00–11:30	A Comparative Study in Design and Operation of Offshore Support Vessels (OSVs) between the North Sea and the Brazilian Water Dewi Kartini Putri Chumail, Singapore Technologies Marine Ltd, Singapore; Richard W Birmingham and Arun Dev, Newcastle University, Singapore	85
11:30–12:00	Activity Specific Operating Guidelines: Owing and Managing Operational Risk Alessio Lombardi, Global Maritime Consultancy Pte. Ltd., Singapore	93
12:00–12:30	Interchangeable Cassette LNG Tank: A Way of LNG Bunkering in Gas Fuelled Ships Abul Bashar, Xu Junwei Kelvin and Sreekala Kumar, KOMtech Pte Ltd, Singapore	103
12:30–13:30	Lunch	

13:30–14:00	Global Reporting Initiative; Sustainability Reporting Naveen S. Singhal, JAG Consultants plc, Singapore; Arun Dev, Newcastle University, Singapore	111
14:00–14:30	DP Performance on Offshore Support Vessels Liu Peng and Gopalakrishnan, MI@SP, Singapore Polytechnic Arun Dev, Newcastle University, Singapore	118
14:30–15:00	Parametric Study on Hull Form Design of Offshore Support Vessels for Resistance Reduction Xin Wang, Newcastle University, Singapore	124
15:00	Closing Remarks by Ivan Tam Chairman, The Joint Branch of RINA & IMarEST, Singapore	
15:05	Tea/Coffee Break	
15:30	End of Conference & Exhibitions	