



# The Royal Institution of Naval Architects

*Education & Professional Development of  
Engineers in the Maritime Industry  
9-10 December 2015, London, UK*

Supported by:



Wednesday 9 <sup>th</sup> December	
09.00-09.30	<b>Coffee and Registration</b>
09.30-09.35	<b>Welcome Address</b>
09.35-10.10	<b>DEVELOPING NAVAL ENGINEERING WORKFORCE THROUGH UNDERGRADUATE RESEARCH AND EXPERIENTIAL LEARNING</b> <i>Jennifer G. Michaeli, Paul Moses, Orlando Ayala, Gene Hou, and Sebastian Bawab, Naval Engineering and Marine Systems Institute, Old Dominion University, USA</i>
10.10-10.45	<b>PARTICIPATION OF STUDENTS OF MARITIME ENGINEERING IN THE NAVAL EXERCISE "MARSEC 2015" WITH WEBSITE OF THE SPANISH NAVY</b> <i>Ernesto Madariaga, Francisco Correa, Jesús M. Oria, University of Cantabria. Jorge Walliser, University of Cadiz, Spain</i>
10.45-11.15	<b>Coffee</b>
11.15-11.50	<b>RAPID PROTOTYPING AND PHYSICAL MODELS IN TEACHING SHIP DESIGN</b> <i>N Bradbeer, R Mead, N Willmore, UCL, UK</i>
11.50-12.25	<b>EXPERIENCE-BASED INNOVATIVE PROGRAMME IN VARNA, BULGARIA</b> <i>Petar Vankov, Naval Academy Varna, Bulgaria, Desislava Vankova, Medical University – Varna, ACRO, Bulgaria</i>
12.25-13.25	<b>Lunch</b>
13.25-14.00	<b>HIGHER APPRENTICESHIPS: EMPLOYER INFORMED HIGHER EDUCATION</b> <i>Professor John Chudley, Warsash Maritime Academy, UK</i>
14.00-14.35	<b>SKILL DEVELOPMENT IN THE MARITIME SECTOR THROUGH E-LEARNING</b> <i>Sohan Roy S K, Aries International Maritime Research Institute UAE</i>
14.35-15.05	<b>Coffee</b>
15.05-15.40	<b>THE MARINE SKILLS GAP AND ITS IMPACT ON INDUSTRY</b> <i>Richard Cookson, Matchtech, UK</i>
15.40-16.15	<b>HUMAN RESOURCE DEVELOPMENT IN SHIPBUILDING TECHNOLOGY FOR INDUSTRY AND EDUCATION IN BRAZIL: A CASE STUDY AT FEDERAL UNIVERSITY OF PERNAMBUCO</b> <i>Armando Hideki Shinohara, Ayako Ono, Hissae Fujiwara, UFPE – Federal University of Pernambuco, Brazil</i>
16.15-	<b>General Discussion &amp; Evening Drinks Reception</b>

Session 1

Session 2



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Thursday 10 <sup>th</sup> December		
09.00-09.30	Coffee and Registration	
09.35-10.10	<b>A STUDENT'S TAKE ON EDUCATION IN THE MARITIME INDUSTRY</b> <i>J.B. Soupeez, Auckland University, New Zealand</i>	Session 3
10.10-10.45	<b>EMSHIP+ : AN UNIQUE EUROPEAN MASTER PROGRAMME IN SHIP &amp; OFFSHORE STRUCTURES</b> <i>Philippe Rigo, University of Liege, Belgium</i>	
10.45-11.15	Coffee	
11.15-11.50	<b>TRAINING CHALLENGES IN AN EXPANDING ENGINEERING CONSULTANCY: GRADUATE TRAINING FOR THE MODERN MARITIME INDUSTRY</b> <i>Simon Pollard, Guy Dewdney and Tom O'Brien, London Offshore Consultants Limited, UK</i>	
11.50-12.25	<b>EDUCATION OF MARITIME DOCTORAL STUDENTS AS PART OF INTERNATIONAL UNIVERSITY NETWORK</b> <i>Kujala, P., Ehlers, S, Veitch, B. Faisal, K, Vanhatalo, J, Leira, B, Aalto University, Finland</i>	
12.25-13.30	Lunch	
13.30-14.05	<b>CASE STUDY ON DESCON- INSTITUTE CONSULTANCY CELL: AN EFFICIENT LINK FOR INDUSTRY-INSTITUTE COLLABORATION</b> <i>Dr. K Sivaprasad, Associate professor, Department of Ship Technology, Cochin University of Science and Technology, Kochi, Kerala, India</i> <i>Dr. Ajay Asok Kumar, Principal Surveyor, ClassNK, London, UK</i>	Session 4
14.05-14.40	<b>ACADEMIC AND TECHNOLOGICAL PARTNERSHIPS BETWEEN A NEWLY CREATED UNDERGRADUATE COURSE IN NAVAL ENGINEERING AND NEW SHIPYARDS IN NORTHEASTERN BRAZIL</b> <i>Silvio Eduardo Gomes de Melo, Paula Suemy Arruda Michima, Marco Antonio Ladislau Petkovic, Federal University of Pernambuco, Brazil</i>	
15.10-15.45	<b>ITALIAN MARITIME CLUSTER AND GENOA UNIVERSITY: A COLLABORATIVE PARTNERSHIP FOR THE EDUCATION</b> <i>Gianfranco DAMILANO, ATENA - Massimo FIGARI, Polytechnic School, University of Genoa - Alessio GNECCO, AIPAM - Roberto ORVIETO, Board of Engineers - Carlo PODENZANA BONVINO, Polytechnic School, University of Genoa, Italy</i>	
15.45-	General Discussion	