



The Royal Institution of Naval Architects
Design & Operation of Ferries & Ro-Pax Vessels
 25-26 May 2016, London, UK

Sponsored by:



Wednesday 25 th May	
09.00-09.25	Coffee and Registration.
09.25-09.30	Welcome Address
09.30-10.05	INVESTIGATION OF THE ENERGY USE AND THE EXHAUST GAS EMISSIONS OF A STATE-OF-THE-ART RO-PAX FERRY BY ON-BOARD MEASUREMENTS AND SYSTEM SIMULATIONS Christoph Thiem, Hamburg University of Technology (TUHH), Germany Wilhelm Albers, Hamburg University of Technology (TUHH), Germany
10.05-10.40	ELECTRICAL POWER AND PROPULSION - SYSTEM CONFIGURATIONS FOR MODERN DAY FERRY AND RO PAX VESSELS John R Knott, Siemens Marine, UK
10.40-11.10	Coffee
11.10-11.45	MARINE BIOFUELS FOR FERRIES AND RO-PAX Dirk Kronemeijer, CEO, Good Fuels, Netherlands
11.45-12.20	HYBRID AND ELECTRIC FERRIES SAFETY AND DESIGN CONSIDERATIONS Espen Kristiansen, PBES, Canada
12.20-13.20	Lunch
13.20-13.55	FITTING SCRUBBERS TO A RO-PAX AND FREIGHT ONLY RO-RO VESSEL David Edwards, Houlder Limited, UK
13.55-14.30	VOYAGE SIMULATION TECHNIQUES AS DESIGN TOOL FOR FERRIES Rob Grin, R.P. Dallinga and P.D.M. Boelen, MARIN, The Netherlands
14.30-15.00	Coffee
15.00-15.35	A METHOD FOR SELECTING FIN STABILIZATION SYSTEMS AS DEVELOPED FOR THE TUSTUMENA REPLACEMENT VESSEL Garth Wilcox, Brent Morrison, and D C Zangre, Glosten, Seattle, USA
15.35-16.10	THE EFFECTS OF THE HULL VANE ON SHIP MOTIONS OF FERRIES AND ROPAX VESSELS Kasper Uithof, B Bouckaert, P G van Oossanen, and N Moerke, Hull Vane B.V., van Oossanen Naval Architecture, and van Oossanen Fluid Dynamics, NL
16.10-	General Discussion & Evening Drinks Reception

Session 1

Session 2



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Thursday 26 th May	
09.00-09.30	Coffee and Registration.
09.30-10.05	PASSENGER RO-RO FERRY DAMAGE STABILITY – STATUS AND DEVELOPMENT OF INTERNATIONAL REGULATIONS Keith W Hutchinson, Babcock International, UK Andrew L Scott, MCA, UK
10.05-10.40	INCREASING THE SAFETY OF LIFE AT SEA WITH THE HELP OF ADVANCED TECHNOLOGY Petri Pennanen, P Ruponen, H Ramm-Schmidt and D Lindroth, NAPA, Finland
10.40-11.10	Coffee
11.10-11.45	ON AN ALTERNATIVE SURVIVABILITY MEASURE FOR DAMAGE STABILITY AND ITS IMPLICATIONS IN DESIGN OF RORO PASSENGER FERRIES Jakub Cichowicz, Brookes Bell Safety at Sea, UK N Tsakalakis, Alpha Marine Consulting Ltd., Greece
11.45-12.20	AN ALTERNATIVE SYSTEM FOR DAMAGE STABILITY ENHANCEMENT Dracos Vassalos, E Boulougouris, D Paterson, J Liggat, J Cullen, University of Strathclyde, UK, M Kanerva, Consultant
12.20-13.20	Lunch
13.20-13.55	EFFICIENT SMALL, MEDIUM, AND LARGE RO-RO VESSEL DESIGNS Jack Brown, FRINA, MSNAME, FIESIS, Seaform Design, Isle of Man
13.55-14.30	RO-PAX OF THE FUTURE Su Len Quach, DELTAMARIN, Finland
14.30-15.05	GENERAL DISCUSSION
15.05-	Close

Session 3

Session 4