



The Royal Institution of Naval Architects

DESIGN & CONSTRUCTION OF  
SUPER & MEGA YACHTS

13-14 May 2015, Genoa, Italy

Sponsored by:



Wednesday 13 <sup>th</sup> May		
08.30-09.00	Coffee and Registration.	
09.00-09.05	Welcome Address	
09.05-09.40	DESIGN FOR OWNER'S - USABILITY AND THROUGH LIFE SUPPORT <i>Howard W. Lowe, Royal Oceanic, UK</i>	Session 1
09.40-10.15	SUPERYACHT CONSTRUCTION CONTRACTS - IS COMPLIANCE WITH AN AGREED STANDARD GOOD ENOUGH? - LESSONS LEARNT FROM AN OFFSHORE WIND FARM CONSTRUCTION CONTRACT <i>Kevin Cooper and M Laughton, Ince and Co LLP, UK</i>	
10.15-10.50	THE SUSTAINABLE USE OF MARINE ENVIRONMENT: TECHNOLOGICAL SOLUTION FOR LOW ENVIRONMENTAL IMPACT AND NEW FORMAL MODEL OF TYPOLOGICAL HYBRIDIZATION <i>Massimo Di Nicolantonio, University of Chieti-Pescara, Italy, Jessica Lagatta, University of Chieti-Pescara, Italy</i>	
10.50-11.20	Coffee	
11.20-11.55	APPLYING A PERFORMANCE-FOCUSED RACE YACHT METHODOLOGY TO THE DESIGN OF A SUPERYACHT <i>Robert Shaw, Unitec Institute of Technology, Shaw Yacht Design, New Zealand</i>	
11.55-12.30	FURLING SAILS DESIGN FOR SUPER&MEGA SAILING YACHTS <i>Fabio Fossati, Schito P. Vandone A, Politecnico di Milano, Italy, Malandra M., Russo G, North Sails Group, Italy</i>	
12.30-13.30	Lunch	
13.30-14.05	THE FEASIBILITY AND PERFORMANCE OF A TRIMARAN YACHT CONCEPT EQUIPPED WITH A HULL VANE® <i>K. Uithof, P.G. van Oossanen, Hull Vane B.V., Netherlands, F.M.J. Bergsma, Van Oossanen Naval Architects B.V, Netherlands</i>	Session 2
14.05-14.40	DESIGN STUDY OF 100' FUEL EFFICIENT MOTOR YACHT <i>Albert Nazarov, A.Jabtanom, T.Phormtan, P.Suebyiw, Albatross Marine Design, Thailand</i>	
14.40-15.15	DESIGN-DRIVEN INNOVATION: AVANT GARDE 50M SUPERYACHT UNDER 500GT <i>S McCartan and D Rowles, EBDIG-IRC, Coventry University, UK R Shouten, Feadship, NL</i>	
15.15-15.45	Coffee	
15.45-16.20	DESIGN OF A COMBINED TENDER GARAGE & BEACH CLUB <i>P.T. van Loon, Feadship, Netherlands</i>	
16.20-16.55	SMALL WATERPLANE AREA TWIN HULL FOR MAXI AND MEGA-YACHT DESIGN <i>Ermina Begovic, Carlo Bertorello, University of Naples Federico II, ITALY</i>	
16.55-	General Discussion & Evening Drinks Reception	



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Thursday 14 <sup>th</sup> May		
08.30-09.00	Coffee and Registration.	
09.05-09.40	MECHANICAL BEHAVIOUR OF STEEL PLATES WITH EPOXY COATINGS EXPOSED TO THERMAL LOADS <i>D Giannarelli, Naval Architect, Italy, D Boote, T Pais, G M Vergassola, University of Genova, Italy, G Penco, Cantieri Baglietto, La Spezia, Italy</i>	Session 3
09.40-10.15	MECHANICAL BEHAVIOR OF FILLERS: TESTS AND COMPARISONS <i>Marco Gaiotti, Giulia Nebbia, Cesare Mario Rizzo, Marine Structures Testing Lab, DITEN, University of Genova, Italy, Alessandro Caleo, A Ivaldi, FINCANTIERI S.p.A., Italy</i>	
10.15-10.50	ADVANCED COPOSITES: A POSSIBLE ANSWER TO MEGA YACHT STRUCTURAL QUESTIONS <i>Paolo Dassi, GURIT Ltd., UK</i>	
10.50-11.20	Coffee	
11.20-11.55	AUTOMATED INTEROPERABILITY FROM CONCEPT DESIGN TO MULTIDISCIPLINARY FE ANALYSIS <i>George Korbetis, Serafim Chatzimoisiadis, Dimitrios Drougkas, BETA CAE Systems S.A., Greece</i>	
11.55-12.30	DEVELOPMENT OF AN NVH METHODOLOGY FOR SUPERYACHT SUPERSTRUCTURES <i>D Boote and T Pais, EBDIG, DITEN, University of Genova, Italy S McCartan, EBDIG-IRC, Coventry University, UK</i>	
12.30-13.30	Lunch	
13.30-14.05	AN OPEN-SOURCE NUMERICAL MODEL FOR MEGA-YACHT AERODYNAMICS ASSESSMENT <i>F. Fossati, F. Robustelli, P. Schito, Politecnico di Milano - Department of Mechanical Engineering, ITALY, A. Cuoci, Politecnico di Milano - Department of Chemistry, Materials, and Chemical Engineering, ITALY, S. Dellepiane, Azimut - Benetti, ITALY</i>	Session 4
14.05-14.40	ACOUSTIC CHARACTERIZATION OF LAMINATED GLASS FOR SUPERYACHT WINDOWS <i>Lisa Gragnani, Dario Boote, Tatiana Pais - University of Genova, Italy Angelo Tonelli - RINA S.p.A. Genova, Italy</i>	
14.40-15.10	Coffee	
15.10-15.45	WATERJET AND REFINED PROPELLERS: PROPULSION FOR PLEASURE CRAFT <i>Leendert Mulwijk, R Otto, Wartsila, Netherlands</i>	
15.45-16.20	ENGINE HULL COOLING FOR PLANING BOATS: A CFD DESIGN APPROACH <i>Alessandro Federici, Fedesign, Italy, Davide Leone, Crown Services, Switzerland, Giovanni Bailardi, Polo DLTM, Italy</i>	
16.20-	General Discussion	