



The Royal Institution of Naval Architects

*Design & Construction of Super & Mega Yachts*

10-11 May 2017, Genoa, Italy

Wednesday 10 <sup>th</sup> May	
<b>08.30-08.55</b>	<b>Coffee and Registration</b>
08.55-09.00	<b>Welcome Address</b> , Trevor Blakeley, the Royal Institution of Naval Architects, UK
09.00-09.35	<b>IMPACT OF DESIGN CHOICES ON SEAKEEPING OF MOTOR YACHTS</b> Francisco Miguel Montero, MARIN, The Netherlands
09.35-10.10	<b>INTELLECTUAL PROPERTY IN THE SUPER YACHT SECTOR - PRACTICAL AND STRATEGIC TIPS AND EXAMPLES</b> Russell Edson, Withers & Rogers LLP, UK
10.10-10.45	<b>MANAGING THE MEGA-YACHT'S WASTEWATER STREAM</b> Mark Beavis, ACO MARINE, Germany
<b>10.45-11.15</b>	<b>Coffee</b>
11.15-11.50	<b>PASSENGER YACHTS OUTFITTING MATERIALS, CERTIFICATION AND FIRE LOAD CALCULATIONS</b> Carlo Russo, Lloyds Register EMEA, Italy
11.50-12.25	<b>IMO SECOND GENERATION INTACT STABILITY CRITERIA: APPLICATION TO A SET OF MEGA-YACHT PARENT HULLS IN SHIP DESIGN PERSPECTIVE</b> Nicola Petacco, Paola Gualeni, University of Genoa, Italy
<b>12.25-13.25</b>	<b>Lunch</b>
13.25-14.00	<b>FLOODABLE DOCKING GARAGES</b> Cristina Barba Fau, Lloyd's Register EMEA, Italy
14.00-14.35	<b>THE INFLUENCE OF ADDED MASS IN SUPERYACHT VIBRATION ANALYSIS</b> Tatiana Pais, D. Boote and G. Vergassola, DITEN, Università di Genova, Italy
<b>14.35-15.05</b>	<b>Coffee</b>
15.05-15.40	<b>NUMERICAL TOOLS AND EXPERIMENTAL ACTIVITIES FOR THE PREDICTION OF NOISE PROPAGATION ON BOARD SUPERYACHTS</b> Angelo Tonelli, Daniele Torre, R.I.Na. Services Italy Gianmarco Vergassola, Dario Boote, University of Genoa - Italy
15.40-16.15	<b>SUSTAINABLE LUXURY ICE-CLASS ARCTIC EXPLORER VESSEL FOR MILLENNIALS</b> S McCartan, EBDIG-IRC, NTDC, Coventry University, UK + EBDIG, IUAV, Venice, IT A Barrett and L Swinfield, EBDIG-IRC, NTDC, Coventry University, UK, B Verheijden, Academy Minerva Groningen, NL, D Boote, DITEN, Genoa University, IT, L Mori, De Jorio Design International, Genoa, IT, R Schouten, Feadship, NL
<b>16.15-</b>	<b>General Discussion &amp; Evening Drinks Reception</b>

Session 1

Session 2



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<b>Thursday 11<sup>th</sup> May</b>	
<b>08.30-09.00</b>	<b>Coffee and Registration</b>
09.00-09.35	<b>LNG AS YACHT FUEL</b> Ed Harland, J D Strachan, Houlder, UK
09.35-10.10	<b>OPTIMIZATION BASED DESIGN OF HIGH SPEED CRAFT PROPELLERS</b> Stefano Gaggero, Giorgio Tani, Diego Villa, Michele Viviani, University of Genoa, Italy Pierluigi Ausonio, Piero Travi, DETRA Custom Propellers, Italy Giovanni Bizzarri, Francesco Serra, Azimut Benetti Group, Italy
10.10-10.45	<b>RELIEVING YACHT DESIGNERS' CHALLENGE BY INTEGRATING AZIPOD PROPULSION AND ONBOARD DC GRID DISTRIBUTION: INCREASED SAFETY AND COMFORT, CONSIDERABLE SPACE SAVINGS (OVER 30%) AND REDUCED ENVIRONMENTAL IMPACT</b> Kimmo Kokkila, Jukka Erkintalo, ABB Marine & Ports, Finland
<b>10.45-11.15</b>	<b>Coffee</b>
11.15-11.50	<b>SELECTING AN OPTIMISATION METHODOLOGY IN THE CONTEXT OF STRUCTURAL DESIGN FOR LEISURE BOATS</b> U. Mutlu, P.A. Grudniewski, A. Sobey, J.I.R. Blake, University of Southampton
11.50-12.25	<b>AUTOMATED GENERATION OF DETAILED CABLING DOCUMENTATION FOR SUPER &amp; MEGA YATCHS ACCOMMODATION</b> Antonios-Vassilios Lalechos, A Pavlou, I Davaris, LePlan, Greece, D Maketas, LePlan, Switzerland
<b>12.25-13.25</b>	<b>Lunch</b>
13.25-14.00	<b>LOW DRAG HULL FORM FOR MEDIUM-LARGE YACHTS</b> Carlo Bertorello, E Begovic, University of Naples Federico II, Italy
14.00-14.35	<b>SCPH2: A NEW TECHNOLOGY FOR LOWER RESISTANCE OF DEEP-V PLANING HULLS</b> Stefano Brizzolara, Kevin Crofton, Virginia Tech, USA
<b>14.35-15.05</b>	<b>Coffee</b>
15.05-15.40	<b>SEEKING EFFICIENCY IMPROVEMENTS FOR A MOTOR-YACHT TRANSITIONAL HULL FORM</b> Robert Shaw, Unitec Institute of Technology, Shaw Yacht Design, New Zealand
15.40-16.15	<b>A NOVEL DISPLACEMENT MONOHULL SHAPE FOR IMPROVED FUEL CONSUMPTION AND HABITABILITY OF FUTURE SUPERYACHT - HYBRID</b> Maurizio De Giacomo, Aviomarine Srl, Italy
<b>16.15-</b>	<b>General Discussion</b>

Session 3

Session 4