



The Royal Institution of Naval Architects

## ***Design & Construction of Super & Mega Yachts***

14 - 15 May 2019, Genoa, Italy

| Tuesday 14 <sup>th</sup> May |                                                                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08.55-09.25                  | <b>Coffee and Registration</b>                                                                                                                                                                  |
| 09.20-09.25                  | <b>Welcome Address</b> , <i>Karl Monk, Technical Director, Royal Institution of Naval Architects, UK</i>                                                                                        |
| 09.25-09.30                  | <b>Sponsor presentation</b>                                                                                                                                                                     |
| 09.30-10.05                  | <b>New Builds and the Importance of the Specification</b><br><i>Claire Mckee, Sascia Sartorio, Burness Corlett Three Quays, UK</i>                                                              |
| 10.05-10.40                  | <b>Building to the REG Yacht Codes</b><br><i>Julian Smith, Cayman Islands Shipping Registry, UK</i>                                                                                             |
| 10.40-11.15                  | <b>Out-Of-The-Box Integrated, Collaborative, Multi-Authoring, Managed Environment for the Design and Construction of Large Yachts</b><br><i>Nick Danese, Stéphane Dardel, NDAR, France</i>      |
| 11.15-11.40                  | <b>Coffee</b>                                                                                                                                                                                   |
| 11.40-12.15                  | <b>Home Catamaran: Cost Efficient Superyacht</b><br><i>Albert Nazarov, Albatross Marine Design, Thailand</i><br><i>Jack Wijnants, AmaSea Yachts, Turkey</i>                                     |
| 12.15-12.50                  | <b>Hydrofoil Configurations for Sailing Superyachts: Hydrodynamics, Stability and Performance</b><br><i>Jean-Baptiste Soupeze, Solent University, UK</i>                                        |
| 12.50-13.45                  | <b>Lunch</b>                                                                                                                                                                                    |
| 13.45-14.20                  | <b>A Novel Displacement Monohull/Multihull Shape for Improved Fuel Consumption and Habitability of Future Superyacht - Hybrid</b><br><i>Maurizio de Giacomo, Aviomarine Tech Srl, Italy</i>     |
| 14.20-14.55                  | <b>Developing the Constellation Unmanned Surface Vehicle Prototype</b><br><i>Robert Shaw, Shaw Yacht Design, New Zealand</i>                                                                    |
| 14.55-15.20                  | <b>Coffee</b>                                                                                                                                                                                   |
| 15.20-15.55                  | <b>Multi-criteria Optimization as Key to Yacht Performance Improvement</b><br><i>Karsten Hochkirch, Stefan Deucker, DNV GL, Germany</i>                                                         |
| 15.55-16.30                  | <b>New Way to Determine the Navigation Area and Restrictions on Weather Conditions for High-Speed Mega Yachts</b><br><i>Oleksandr Kanifolskyi, Odessa National Maritime University, Ukraine</i> |
| 16.30-                       | <b>General Discussion &amp; Evening Drinks Reception</b>                                                                                                                                        |



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| Wednesday 15 <sup>th</sup> May |                                                                                                                                                                                                                                                                                                                                     |
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| 08.55-09.25                    | Coffee and Registration                                                                                                                                                                                                                                                                                                             |
| 09.25-10.00                    | <b>Alternative Fuels and Energy Converter to Yacht Comfort Improvement</b><br><i>Lars Langfeldt, Stefan Deucker, DNV GL, Germany</i>                                                                                                                                                                                                |
| 10.00-10.35                    | <b>Design and Sizing of Battery System for Electric Yacht and Ferry</b><br><i>Upendra Malla, Hornblower Cruises, USA</i>                                                                                                                                                                                                            |
| 10.35-11.10                    | <b>Premium Yacht Propulsion for Exclusive Performance</b><br><i>Andreas Witschel, Schottel, Germany</i>                                                                                                                                                                                                                             |
| 11.10-11.35                    | Coffee                                                                                                                                                                                                                                                                                                                              |
| 11.35-12.10                    | <b>Control of Welding Deformation in Thin Plate</b><br><i>Muhammad Taha Ali, DAMEN Shipyards Galati, Romania</i>                                                                                                                                                                                                                    |
| 12.10-12.45                    | <b>Accoustic Analysis and Measurements of Mega Yachts During Construction</b><br><i>Mustafa Insel, Hidroteknik Nautical Design Technologies, Turkey</i><br><i>Ziya Saydam, Serhan Gokcay, Piri Reis University, Hidroteknik Nautical Design Technologies, Turkey</i><br><i>Turhan Soyaslan, C Soyaslan, Soyaslan Design, Turkey</i> |
| 12.45-13.40                    | Lunch                                                                                                                                                                                                                                                                                                                               |
| 13.40-14.15                    | <b>Research to identify technologies, processes that will enhance the sustainable and or low carbon design, manufacture, operation and end of life of motor yachts of 24 meters and above</b><br><i>Mincui Liang, Newcastle University, UK</i>                                                                                      |
| 14.15-14.50                    | <b>Development of Hovercraft as Explorer Yacht Tenders</b><br><i>Mark Downer, Griffon Hoverwork, UK</i>                                                                                                                                                                                                                             |
| 14.50-15.15                    | Coffee                                                                                                                                                                                                                                                                                                                              |
| 15.15-15.50                    | <b>Impact of Glass Design on Modern Mega Yachts - Comfort and Strength Aspects –</b><br><i>Olaf Doerk, M Radon, S Semrau, DNV GL, Germany</i>                                                                                                                                                                                       |
| 15.50-16.25                    | <b>Design for Helideck Certification</b><br><i>Steve Beech, Safeguard Helideck Certification, UK</i>                                                                                                                                                                                                                                |
| 16.25-                         | General Discussion                                                                                                                                                                                                                                                                                                                  |