The Royal Institution of Naval Architects

Innovations in Small Craft Technology

13 April 2016, London, UK

Wednesday 13th April	
08.30-08.55	**Coffee and Registration.**
09.00-09.35	**FLEXING REGULATIONS TO SUIT INNOVATIVE SMALL CRAFT** Alasdair Reay, CEO of HPi Verification Services Ltd
09.35-10.10	**DEVELOPMENT OF AN INTERNATIONAL STANDARD FOR COMPARING SHOCK MITIGATING BOAT SEAT PERFORMANCE** T E Coe, Naval Design Partnering Team, UK, S Dyne, Naval Design Partnering Team, UK, JN Smith, Naval Design Partnering Team, UK, T Gunston, VJ Technology, UK, P Taylor, SHOXS, Canada, T Rees, SHOXS, Canada, D Charbonneau, SHOXS, Canada, T Coats, NSWCCD, Little Creak, USA M Riley, NSWCCD, Little Creak, USA L Gannon, DRDC/RDDC, Canada, P Sheppard, RNLI, UK, M Hamill, Jankel, UK
10.10-10.45	**ROTATIONALLY MOULDED SANDWICH COMPOSITES IN SMALL MARINE LEISURE CRAFT: FRACTURE PROPERTIES AND DAMAGE ANALYSIS OF THE COMPOSITE STRUCTURE** Abu Saifullah, Ben Thomas, Kamran Tabeshfar, Bob Cripps, Bournemouth University, UK
10.45-11.15	**Coffee**
11.15-11.50	**CAPABILITY INTEGRATION WITHIN SMALL FAST CRAFT DESIGN** Trevor Dobbins, STResearch Ltd., UK
11.50-12.25	**SETTING REQUIREMENTS – WHAT IS IMPORTANT?** Steven Lee, Naval Design Partnership
12.25-13.00	**AERODYNAMIC AND FUNCTIONAL CONSIDERATIONS FOR DESIGN OF SAILING CATAMARAN SUPERSTRUCTURES** A Nazarov, Albatross Marine Design, THAILAND N Jiltsov, NJBoats, UKRAINE
13.00-14.00	**Lunch**
14.00-14.35	**DEVELOPMENT OF HIGH TECHNOLOGY HOVERCRAFT** Mark Downer, Griffon Hoverwork, UK
14.35-15.10	**SMALL SAR AND TECHNICAL FLOOD RESCUE CRAFT – WHAT DO YOU REALLY NEED? EXPERIENCES FROM THE FLOODLINE PUT INTO DESIGN!** David Lane at Lane, Jefferies & Associates Ltd - Fire and Marine Safety Consultants
15.10-15.45	**DESIGN AND DEVELOPMENT OF THE NEW DUTCH NH1816 CLASS LIFEBOAT, SUCCESSOR OF THE ARIE VISSER CLASS** J.E. Nieboer, Damen Shipyards B.V., The Netherlands
15.45-16.15	**Coffee**
16.15-16.50	**THE HOUR OF POWER - HYBRID TECHNOLOGY FOR COMMERCIAL AND MILITARY APPLICATIONS** John Haynes, Shock Mitigation Ltd., UK
16.50-17.25	**THE EVOLUTION OF SMALL WATERJET PROPULSION SYSTEMS WITHIN RECENT YEARS** Mr. Hannu Rantala, B.Sc. Boat Manufacturing, Technical Manager Alamarin-Jet Oy Finland Mr. Martyn Bowden, EMEA Sales Manager, Alamarin-Jet Oy, United Kingdom
17.25-	**General Discussion & Evening Drinks Reception**