



18 th April 2018	
09.00-09.25	Coffee and Registration
09.25-09.30	Welcome address
09.30-10.00	Structural Analysis of Composite Search and Rescue Vessel Under the New BS EN ISO 12215-5 <i>Jean-Baptiste R.G. Soupeez, Southampton Solent University, UK</i>
10.00-10.30	Design Verification Framework for Search & Rescue Craft <i>H J Phillips, M Pitman, M Boulton, Royal National Lifeboat Institution, UK</i> <i>Hans van der Molen, Koninklijke Nederlandse Redding Maatschappig, Netherlands</i> <i>Klaus Stromenger, K&S Maritiem Technisch Bureau, Netherlands</i>
10.30-11.00	Noise, Vibration, and Repeated Shock Exposure on High Speed Craft: Measurement, Mitigation, Preventative Design. <i>Phill Moxley, Thomas Coe, Frazer-Nash Consultancy, UK</i>
11.00-11.30	Coffee
11.30-12.00	Full-Scale Seakeeping Trials of an All-Weather Lifeboat <i>F Prini, S Benson, R W Birmingham and R S Dow, Marine Offshore and Subsea Technology Group, School of Engineering, Newcastle University, UK</i> <i>L J Ferguson, P J Sheppard and H J Phillips, Royal National Lifeboat Institution, UK</i> <i>M C Johnson, J Mediavilla Varas[†] and S Hirdaris*, Lloyd's Register, UK</i> <i>([†]work initiated whilst at Lloyd's Register. Now at Materials Innovation Institute, NL)</i> <i>(*work initiated whilst at Lloyd's Register. Now Visiting Research Scholar at Maritime Technology Group, Department of Mechanical Engineering, Aalto University, FI)</i>
12.00-12.30	Rescue boats on Catamaran Platform: Case Studies <i>Albert Nazarov, Albatross Marine Design, Thailand</i>
12.30-13.30	Lunch
13.30-14.00	Numerical Investigation of Double Continuous Welding and Alternatives in Bottom Shell Plates of Aluminium High-Speed, Mono-hull Craft. <i>Vimal Kumar, Lloyd's Register, Singapore</i>
14.00-14.30	A Modular Search and Surveillance SES Platform to Support Port and Harbour Security in the Future Megacities of 2050 <i>Sean McCartan, EBDIG-IRC, Coventry University, UK</i> <i>J Hill, Trident Marine, UK</i> <i>T H Espeland ESNA AS, Norway</i> <i>Trevor Dobbins, STRResearch, UK</i>
14.30-15.00	The Application of Unmanned Marine Vehicles to Maritime Search and Rescue <i>J Dalziel, R Pelot, Dalhousie University, Canada</i>
15.00-15.30	Coffee

Day 1 - Session 1

Day 1 - Session 2

The Royal Institution of Naval Architects

SURV9 - Surveillance, Search and Rescue Craft

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15.30-16.00	Marine Propulsion Shafting Configurations <i>Mohamed Zeid, Caterpillar Propulsion, Sweden</i>	
16.00-16.30	Understanding Engine Power Characteristics and Their Effects on Vessel Performance and Engine Reliability in Low Hour, High Load, RNLI SAR Lifeboat Applications <i>Spencer Johns, Royal National Lifeboat Institution, UK</i>	
16.30-	General Discussion	