



The Royal Institution of Naval Architects

Wind Propulsion Conference

16 - 17 February 2023, London, UK

In association with:



Sponsored by:



Thursday 16 th February	
08.30-09.00	Coffee and Registration
09.00-09.05	Welcome Address , <i>The Royal Institution of Naval Architects, UK</i>
09.05-09.10	Welcome Address , <i>Gavin Allwright, Secretary, International Windship Association, UK</i>
09.10-09.30	Keynote: <i>Arsenio Dominguez, Director, Marine Environment Division, International Maritime Organization</i>
09.30-09.35	Welcome Address , <i>Aleksander Askeland, Yara Marine Technologies</i>
09.35-10.05	“Wind Hunter” The Zero Emission Cargo Ship Powered by Wind and Hydrogen Energy <i>Kazuyuki Ouchi, Ouchi Ocean Consultant Inc.</i>
10.05-10.35	Delivery of the 1st Wind Challenger ship “SHOFU MARU” <i>Yoichi Wakabayashi, MOL</i>
10.35-11.00	Coffee
11.00-11.30	Key Features of ‘Wind Ready’ Retrofit of a Kamsarmax Bulk Carrier <i>Nick Contopoulos and Baiqian Jiang, Anemol Marine Technologies (AMT) and Lloyd's Register Classification Society (China) Co. Ltd</i>
11.30-12.00	Building trust in thrust - Technology provider collaboration to open the market for wind propulsion <i>Jukka Kuuskoski, Norsepower</i>
12.00-13.00	Lunch
13.00-13.30	Synergies of wind-propulsion and Gate-Rudder technology <i>Norbert Bulten, Wärtsilä</i>
13.30-14.00	Preliminary Study on the Propeller and Engine Performance Variation of Commercial Ships with Wind Propulsion Systems <i>Martina Reche-Vilanova, North Windship Technologies</i>
14.00-14.30	About the benefit of optimizing both speed and route in wind-assisted ships multi-objective weather routing <i>Maxime Dupuy, D-ICE Engineering</i>
14.30-15.00	Coffee
15.00-15.30	Key Performance Indicators for Wind-Powered Ships <i>Sofia Werner, RISE</i>
15.30-16.00	Empirical methods for developing WASP performance indicators and Heuristics decision making under uncertainty <i>Konstantinos Fakiolas, FINOCEAN LTD.</i>
16.00-16.30	PERFO: Methodology benchmark for Wind Assisted Propulsion Ship Performance Estimation <i>Juliette Bataille, Bureau Veritas Solutions M&O</i>
16.30-17.00	Discussion
17.00-17.30	Closure Day 1



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08.30-09.00	Coffee and Registration
09.00-09.10	Welcome Address , <i>The Royal Institution of Naval Architects, UK</i>
09.10-09.30	Keynote : <i>Gavin Allwright, Secretary, International Windship Association, UK</i>
09.30-10.00	Wisp2 Project On Wind Propulsion Performance Prediction Methods And Manoeuvring <i>Rogier Eggers and Anton Kisjes, MARIN</i>
10.00-10.30	WASP assessment from a Ship Designer point of view <i>Roberto Prever, NAOS Ship and Boat Design srl</i>
10.30-11.00	Coffee
11.00-11.30	Wind Propulsion towards Zero-Emission Cruise Vessels <i>Nicolas Abiven, Chantiers de l'Atlantique</i>
11.30-12.00	Novel Platforms for Optimising Renewable Energy Powered Ships <i>Ken Goh, Knud E. Hansen Australia</i>
12.00-13.00	Lunch
13.00-13.30	Validation of Power Performance Program against Cyber-Physical Model Tests <i>Kristoffer Eide, SINTEF Ocean</i>
13.30-14.00	Performance Prediction of Wind Propulsion Technologies via CFD <i>Rodrigo Azcueta, Cape Horn Engineering</i>
14.00-14.30	Aerodynamic optimization of the eSAIL, bound4blue's suction sail for wind-assisted vessel propulsion <i>Alberto Llopis Pascual, bound4blue</i>
14.30-15.00	Coffee
15.00-15.30	Manoeuvre simulations in design process of wind powered vessel <i>Olov Lundbäck, RISE</i>
15.30-16.00	High-Performance Composite Materials for Wind Propulsion Technologies: Challenges and Opportunities <i>Thomas James, Hexcel</i>
16.00-16.30	Wind Propulsion and Underwater Noises Mitigation <i>Pierre Cordier, XP SEA</i>
16.30-17.00	Discussion
17.00-20.00	Closure Day 2 & Evening Drinks Reception