



The Royal Institution of Naval Architects Wind Propulsion Conference 15 - 16 October 2019, London, UK

Performance predictions of wind propulsion systems using 3D CFD and route simulation

S. Werner, SSPA, Sweden

Predicted fuel-savings for a Flettner rotor assisted tanker using computational fluid dynamics

M. Prince and L. Jones, Wolfson Unit M.T.I.A., UK

D. Hudson, University of Southampton, UK

J. Cocks, Shell Shipping and Maritime, UK

Wind Assisted Propulsion Systems and the role of a Ship Classification Society

U. Hollenbach, DNV GL, Germany

Seakeeping and Manoeuvring for Wind Assisted Ships

R. Eggers and A. S. Kisjes, Maritime Research Institute Netherlands, the Netherlands

Financing Green Ships: Methodological and Practical Considerations

O. Schinas, Hamburg School of Business Administration, Germany

Performance verification of recent Rotor Sail installations

V. Paakkari, Norsepower, Finland

Effect of Leeway Angle on Propeller Performance

J.J.A Schot and R. Eggers, Maritime Research Institute Netherlands, the Netherlands

Ship data driven propulsion models & wind-based propulsion technology

J. Buckingham, D. Pearson and E. Storey, BMT Global, UK

The influence of a thorough physical model on the payback period of wind-assisted ships

G. Bordogna and N. van der Kolk, TUDelft, the Netherlands

99kDW Bulker fitted with the Wind Challenger Sail

N. Onishi and H. Fukushima, Mitsui O.S.K. Lines, Japan

I. Aoki, Oshima Shipbuilding Co. Ltd, Japan

K. Ouchi, Ouchi Ocean Consultant Inc., Japan

Future trends in the wind propulsion market – effects of policy, regulation, price and the market – barriers and drivers

G. Walker, Windship Technology, UK

Zero Emissions Sailing Ship —Conceptual Design

K. Ouchi, Ouchi Ocean Consultant Inc., Japan

T. Omiya, Mitsui O.S.K. Lines, Japan

Optimal routing of a wind-powered cargo vessel using ensemble weather forecast data

Graham Davies, Waseda University, Japan

Comparative Life Cycle Analysis and Speed Optimisation of Carbon Reduction Potential of Wind-Assisted Propulsion System

Nawal Abdul, Eaglestar Marine Holdings, Malaysia

Dimensioning, Design, Manufacturing and performance assessment of Oceanwings Wingsail onboard Energy Observer

Nicolas Sdez, VPLP design, France

Retrofitting of Flettner Rotors to reduce Fuel Consumption and CO2 Emissions

Michael Vahs, University of Applied Sciences Emden / Leer, Germany

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