



SMATECH 2016

International Conference on Smart and
Green Technology for the future
of Marine Industries

25-26 April 2016,
Glasgow, UK

CALL FOR PAPERS



About The Conference

With higher fuel costs and raising environmental concerns globally, there has been an increased incentive to move towards marine technology that is more eco-friendly in nature. The term “Green Technology” is applied to procedures, designs and systems that helps contribute in an eco-friendly fashion. Green Technology is nothing new and has existed for years but often disregarded for various reasons. One such example being the Flettner Rotor which had been developed as early in the 1920s but was shelved on an economic basis as the high capital costs outweighed the low bunker costs. With higher fuel costs and an increased focus on becoming “greener”, such technology is being developed again.

Part of this growth in green technology is because of new legislation. With tougher legislation being implemented regarding carbon emissions, it is expected billions of dollars is to be invested by organizations to meet these emission caps, or risk large penalties. As a result of the investment geared towards making ships greener, the industry is continually looking to develop and improve on existing ship design and systems. These improvements are centred on driving down fuel consumption and carbon emissions, which both contribute to a greener environment.

With this increased importance on being green, being placed by an increasing amount of stakeholders within a business, it is becoming vital that we increase engagement between industry and academia. This is to ensure that the technology and practices match the ambition and objectives that have been set, and drive R&D across the industry.

Organizing Committee

Purnendu Das
ASRANet Ltd, UK

Fai Cheng
Lloyds Register Marine, UK

Registration Fees

Full Registration **£420**

Student Registration **£250**

Conference Themes

- * Commercial strategies for green ship technology
- * Innovative designs and alternative technologies for green shipping
- * Strategies and options for sustainable shipping
- * Marine Equipment and future Green Technology developments
- * Alternative power source on modern ships (wind and solar power for low emission shipping and sustainable shipping)
- * Evaluation of ships fuel efficiency (EEDI/EEOI)
- * Energy efficiency (technical and operational measures for efficient fuel consumption)
- * Reduction of Gas Emissions (NOx, CO2, SOx, Soot, Smoke and Particulate Matter);
- * Oil Spill Management
- * Ships waste management (Black & Grey Waste Water Treatment)
- * Ballast & Bilge Water Management;
- * Underwater noise reduction
- * Reporting and verification of legal policies for sustainable ships
- * Hull bio fouling and antifouling
- * Environmental impact assessment process

International Advisory Committee

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- * J. Wang, Liverpool John Moores University, UK
- * J. Yang, Wuhan University of Technology, China

Key Dates

Deadline for Abstracts 30th Nov 2015
Notification of Acceptance 15th Jan 2016
Early Bird Registration 15th Feb 2016
Submission of Full paper 06th Mar 2016
Registration Close 01st Apr 2016

Abstracts can be sent to info@asranet.co.uk