

Invited
Speaker



**JANNE
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Global Product Line
Manager

ABB Marine & Ports

**ABB Dynafin™, a revolutionary propulsion
concept to significantly increase ship efficiency
S0302**

TALK TITLE

Advanced propulsion systems; ABB Dynafin™, a revolutionary propulsion concept to significantly increase ship efficiency

ABOUT

Janne holds position of Global Product Line Manager, ABB Dynafin™ within ABB Marine & Ports. Previously he has worked in several senior positions in sales, operations and general management, previous position being the Product Line Manager for Compact Azipod® business. He has Master of Science degree from University of Technology, Helsinki, Finland.

ABSTRACT

Growing concern over climate change has sharply increased the demand for greener solutions in the global shipping industry to limit greenhouse gas emissions. The new propulsion concept from ABB, standing for radical innovation and progress, is all about operational convenience and enabling zero-emission goals made possible by a

technology that represents the future of maritime industry. Inspired by the dynamic motions of a whale's tail, the innovative concept is the result of over a decade of research, development, and testing. Extensive studies (CFD and model tests) have shown open water efficiencies to be up to 85%.

