



SHIP EFFICIENCY

by STG 8th International Conference
Hamburg 27–28 September 2021

Ship Efficiency – New fuels, new rules, new tools



27th September 2021

Welcome by Hermann J. Klein

President of STG

“The Gas Question – which gas will suit me best?”

Future fuels in shipping – opportunities and costs – an update

GMW Marine, Process-, Energy-Technology Consultancy, Hammah

Strategic considerations, commercial and operational aspects in respect of alternative fuels – LNG, methanol, and ammonia

DNV, Hamburg

To get a grip on the toxic hazard – onboard safety concepts for the use of ammonia as fuel

GEA, Berlin

Carbon capture for shipping – a key transition technology to achieve CO₂ reduction targets

Ionada, Hamburg

The usage of hydrogen in shipping – chances and risks

Becker Marine Systems, Hamburg

Liquid organic hydrogen carrier – a solution for storing and transporting hydrogen

Siemens Energy, Erlangen/Hamburg

Panel discussion and resume of the first day

Get together buffet

28th September 2021

“Will EEXI and other regulations destroy the market?”

EEXI – introduction and overview of the Energy Efficiency Existing Ship Index

Hamburg University of Technology

EEXI – boon or bane, carrot or stick with regulation? – a shipowner’s view

BSM, Hamburg

The EEXI puzzle – solutions for bulker and tanker operators

Oldendorff Carriers, Lübeck

IMO-Strategy on reduction of GHG emissions from ships

Bureau Veritas, Hamburg

How a vessel rating is done – some basics

Right Ship, London

“Propulsion: New ways ahead or old wine in new bottles?”

Multiple ways to save energy on medium-size heavy load vessels

SAL, Steinkirchen

Ways to EEXI compliance – Hydrodynamic Measures

The Hamburg Ship Model Basin

The ECO-Ship project – green cruising with LNG, fuel cells, sails and solar panels

Ingenieurbüro Loell, Peenemünde

Panel discussion and resume of the second day

Farewell buffet

Conference language:

English

Venue:

Hotel Hafen Hamburg

For booking and rate, www.ship-efficiency.org

Conference Fees*:	If booked prior to September 6	Full fee
Participants	€ 850	€ 950
STG-Members	€ 690	€ 790
Members of affiliated societies	€ 690	€ 790
Pensioners	€ 200	€ 200
Students	€ 30	€ 30

*see registration (www.ship-efficiency.org)

The conference fee includes proceedings on a USB flash drive, admittance at all technical sessions, lunches and refreshments, get together buffet and farewell buffet.

The German Society for Maritime Technology
Schiffbautechnische Gesellschaft e.V.

