



# SHIP EFFICIENCY

by STG 8<sup>th</sup> 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 CO<sub>2</sub> 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

Bernhard Schulte, 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](http://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](http://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.

