

# Lecture Program



Lucerne, Switzerland 

## SUSTAINABLE SHIPPING DAYS

### Electrolysers & Fuel Cells for waterborne transport

#### Monday, July 1

19:30-22:30 SSD Networking Dinner

#### Tuesday, July 2

08:00 On-site Registration  
Warm-up: Possibility to view & discuss mounted posters

Poster Presenters  
are asked to arrive early to put up their posters so that they  
can be seen by those stakeholders already at the venue

Auditorium

#### 09:00 S00 Welcome / Keynote

S0001	Welcome by the Organizers	Olivier Bucheli	European Electrolyser & Fuel Cell Forum, Lucerne/Switzerland
S0002	Welcome by the Chair	Syed Asif Ansar	German Aerospace Center (DLR), Stuttgart/Germany
S0003	Fuel cells and batteries as alternative power conversion technologies for sustainable shipping	Peter Lystrup Christensen	Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping, Copenhagen/Denmark

#### 09:40 S01 Lecture 1: Demonstrators and Operations

S0101	Integration projects PaXell- NAUTILUS	Herrmann-Josef Mammes	Meyer Werft, Papenburg/Germany
S0102	The role of H2-based technologies for maritime decarbonization	Paolo Guglia	Fincantieri, Trieste/Italy

10:20 Coffee break in the poster area

#### 10:50 S02 Lecture 2: Green marine fuels production

S0201	Challenges and perspectives of (drop-in) synthetic fuels for net-zero Shipping	Srikanth Santhanam	Shell, Amsterdam/Netherlands
S0202	Clean Ammonia as Marine fuel. Opportunities and Challenges	Rob Stevens	Topsoe A/S, Lyngby/Denmark
S0203	Fuel-Electrolyser & LH2 (tbc)	Chris Rial / Julien Saleix	Plug Power, Lyon/France
S0204	On-site Water Electrolysis and Supply of Pressurized Hydrogen to Maritime Applications (tbc)	Morten Watle	GreenH, Oslo/Norway

12:10 Lunch & Poster Session

#### 14:00 S03 Lecture 3: Advanced propulsion systems

S0301	Decarbonization with future fuels and new technologies in the maritime industry	Mathias Moser	MAN, Aschaffenburg/Germany
S0302	Advanced propulsion systems; ABB Dynafin™, a revolutionary propulsion concept to significantly increase ship efficiency	Janne Pohjalainen	ABB Oy, Helsinki/Finland
S0303	Powering the depth: the singular challenges in advancing submersible fuel cell propulsion systems	Jessica Lueck	thyssenkrupp Marine Systems GmbH, Kiel/Germany

Paralell Session:  
AMON Workshop

13:30-15:00  
Ammonia FC System for  
Maritime Application

More information:  
[www.EFCF.com/AMONws](http://www.EFCF.com/AMONws)

15:20 Coffee break in the poster area

#### 15:50 S04 Lecture 4: Marine Fuel Cell Technology

S0401	SOFC-based generators from SolydEra with high power density and improved serviceability	Massimo Bertoldi	Solydera, Trento/Italy
S0402	Multifuel Solid Oxide Fuel Cell systems for Maritime use – Recent Advancements by Alma Clean Power	Tjalve Svendsen	Alma Clean Power, Bergen/Norway
S0403	Fuel Cell Hybrid Electric Energy for Shipping	Manfred Stefener	Freudenberg, Munich/Germany
S0404	Ready for the Marine Future: Harnessing Advanced Fuel Cell Systems with Renewable Fuels	Andreas Bodén	PowerCell, Gothenburg/Sweden
S0405	Interactive Summary	Syed Asif Ansar	German Aerospace Center (DLR), Stuttgart/Germany

18:00 End of the meeting

18:00-19:00 EFCF Welcome Reception

[www.EFCF.com/SSD](http://www.EFCF.com/SSD)

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