

Lecture Program



Lucerne, Switzerland 

SUSTAINABLE SHIPPING DAYS

Electrolysers & Fuel Cells for waterborne transport

Monday, July 1

19:00 Meeting point for registered guests > pier 6 www.EFCF.com/SSDcirrus

19:30-22:30 SSD Networking Dinner

Tuesday, July 2

08:00 On-site Registration & Welcome Coffee
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
KKL Luzern

09:00 S00 Welcome & Opening / 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
S0004	The EU mandate to decarbonize the waterborne industry	Moisés Blanco Ríos	European Commission, DG RTD
S0005	EC funding opportunities	Anna Karamigkou	European Commission, CINEA

10:00 S01 Lecture 1: Demonstrators and Operations

S0101	Fuel Cell Integration projects from Pa-X-ell to NAUTILUS	Ragnar Christenson	MEYER NEPTUN Engineering, Rostock/Germany
S0102	The role of H2-based technologies for maritime decarbonization	Andrea Borzacchiello	Fincantieri, Trieste/Italy

10:40 Coffee break in the poster area

11:10 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	RH2INE - Facilitating a hydrogen ecosystem in inland waterway transport	Stefan Garche	NRW.Energy4climate, Dusseldorf/Germany

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, Augsburg/Germany
S0302	ABB Dynafin™, a revolutionary propulsion concept to significantly increase ship efficiency	Janne Pohjalainen	ABB Oy, Helsinki/Finland
S0303	Powering the depths: the singular challenges in advancing submersible fuel cell propulsion systems	Jessica Lück	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

15:00 Coffee break in the poster area

15:30 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

17:00 End of the meeting

18:00-19:00 EFCF Welcome Reception

www.EFCF.com/SSD

www.EFCF.com/Registration

organised by
European Fuel Cell Forum
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