

ANNOUNCEMENT

SSD 2024
1 – 2 July



Lucerne, Switzerland 

SUSTAINABLE SHIPPING DAYS

Electrolysers & Fuel Cells for waterborne transport

Conference
Exhibition
Network



Fuel Cells



Batteries



Fuel Tanks

Chaired by:

Dr. Syed Asif Ansar

ESI – Energy System Integration

DLR – German Aerospace Center

Featuring

- Marine fuel cell technology
- Advanced propulsion systems
- Electrolysis & green marine fuels
- Ship integration & port eco systems



Ports

Fuel Delivery & Production
with Electrolysers



Organised by

www.EFCF.com

European Electrolyser & Fuel Cell Forum • forum@efcf.com

Scope

The Sustainable Shipping Days 2024 (SSD) aim to explore and promote advancements in maritime sustainability through the integration of fuel cell-based onboard energy systems and electrolysis technology at ports for fuel supply. Over one and a half days, this event will facilitate connecting experts, industry leaders, and researchers in these vital fields. It will focus on presenting and fostering in-depth discussions about the latest developments in maritime fuel cell technology, showcasing its potential to power ships, enhance energy efficiency, and reduce emissions. Furthermore, the conference will emphasize the pivotal role of electrolysis in green hydrogen production for sustainable fuel supply at ports for ambitions of net-zero. It will encourage dialogues regarding the integration of these technologies into the shipping industry, with a keen eye on their broader impacts on environmental conservation, energy security, and market dynamics.

Program

The Sustainable Shipping Days 2024 (SSD) program offers an engaging and dynamic agenda, including high-level keynotes, focused invited talks, and the unveiling of results from national and EU projects. Designed to facilitate the exchange of knowledge and foster meaningful connections, the program sets the stage through pre-event gatherings, including an inviting aperitif and an enjoyable dinner, fostering an atmosphere conducive to enriching interactions. SSD extend an invitation to partake in a comprehensive exchange with the Electrolyser & Fuel Cell Forum (EFCF) 2024 community at the EFCF-Welcome Reception. EFCF, spanning the ensuing three days amidst the picturesque backdrop of Lucerne, gathers the world's foremost experts in the field. The combined SSD and EFCF experience offers an exclusive opportunity to propel sustainable shipping forward, with a primary focus on the integration of maritime fuel cells and integrated electrolysis plants within ports.

Who should join:

- OEMs of Fuel Cells, Electrolysers & Storage Systems
- Marine Fuel Suppliers
- Marine Genset Manufactures
- Ship Yards, Ship Owners & Ship Operators
- Port Builders, Integrators, Operators & Authorities
- Investors, Banks, Scouts
- Marine Safety & Classification Organisations
- Regulators, Consultants
- R&D specialists in the related fields

Chair of the Conference



Dr. Syed Asif Ansar currently holds the position of Head of the Department of Energy System Integration (ESI) at the German Aerospace Center (DLR). His primary focus centers around the development of technologies aimed at reducing carbon intensity in both waterborne and airborne transport sectors. To achieve this, his department, comprising a dedicated team of over 70 professionals, concentrates on advancing the domains of Fuel Cell and Battery powertrains, as well as the generation of hydrogen and its derivatives through cutting-edge Electrolyser technologies. The laboratories are equipped with comprehensive experimental facilities spanning both laboratory to pilot-scale operations. Dr. Ansar's has also served as a member of the Roadmap Leaders Committee of the EU Clean Hydrogen Partnership and a steering board member of the EERA Fuel Cell and Hydrogen. He has authored over 80 published papers, multiple book chapters, and secured 10 patents. He attained his doctorate from the University of Limoges, France in 2004.

Head of Department ESI / DLR

Partnership with:



Organised by the European Fuel Cell Forum

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www.EFCE.com/SSDboard

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Malte Zeretzke	Head of R&D	Carnival Maritime	www.carnival-maritime.com

Program Overview

www.EFCF.com/SSDprogram

MONDAY, 1 July 2024

09.00 – 18.00	Project Meetings
19.00 – 22.30	SSD Networking Dinner

TUESDAY, 2 July 2024

08.00	Registration
09.00	Welcome & Opening
09.10	Keynote Lecture
09.40	Lecture 1: Demonstrators and Operations
11.10	Lecture 2: Green marine fuels production
12.30	Lunch & Poster Session
14.00	Lecture 3: Advanced propulsion systems
15.30	Lecture 4: Marine Fuel Cell Technology
16.50	Interactive Summary
17.30	End of the meeting
18.00 – 19.00	EFCF Welcome Reception

The Sustainable Shipping Days 2024 (SSD) will be held alongside the already well established and highly respected European Electrolyser & Fuel Cell Forum established 1994, with 400 - 500 experts attending, 20-30 exhibitors, tutorials, ... see www.EFCF.com.

This offers further opportunities with researchers and industry members in the field of high temperature Fuel Cells, Electrolysers, & H₂ Processing research from around the world as well as to visit the accompanying exhibition or to join attractive networking events.

Registration is open. Attractive combination tickets and group rebates are available.

Services & Fees

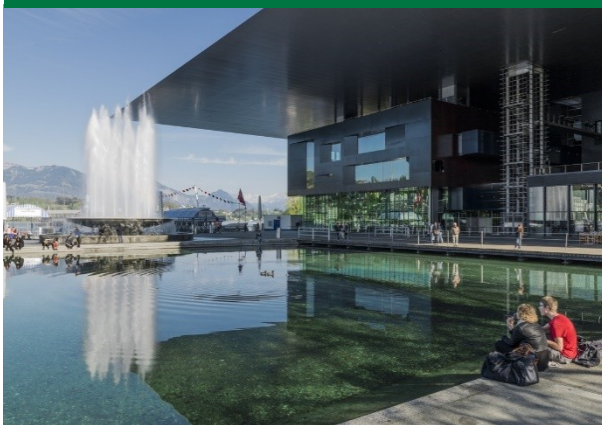
www.EFCE.com/SSDfee

Conference	Physical			Virtual	
	Early	Regular	Late	Regular	Late
	Registration deadlines				
	- 31 March	from 1 April	from 15 May	- 14 May	from 15 May
• Students, trainees and unemployed person etc. with valid identification	300	+150	+100 CHF	270	+50 CHF
• Academic staff, Government, Industry, Trade	690	+150	+100 CHF	450	+50 CHF

Attractive rebates are offered: In combination with an EFCF registration; For group registration (starting from 3 attendees); For exhibitors/sponsors, contact SSD@efcf.com. **Physical fees include:** Access to conference, plus all advantages of the virtual access as well as business lunch, all refreshments and the SSD Networking Evening on July 1. **Virtual fees include:** Virtual live and on-demand access as well as access to the virtual community rooms during and to the member zone after the conference.

Venue & Access

www.EFCE.com/Lucerne



The Sustainable Shipping Days SSD 2024 is held at the Culture and Convention Centre Lucerne (KKL) in conjunction with the Fuel Cell, Electrolyser & H₂ Technology and Supplier Exhibition.

The KKL conference centre is a well-known location on the picturesque waterfront of the Lake Lucerne, easy to reach by plane and train, and within a short walk from charming hotels and the historical town centre.

SSD 2024 will take place as a physical and virtual event, offering participants from all continents regardless of restrictions and origin the opportunity to contribute and participate. However, being present in Lucerne in person is an unbeatable win-win situation for all.