

Program Tuesday 1 November (open meeting)

9-10 Arrival & Registration		
PLENARY SESSION (Storsalen)		
10.00	Øystein Ulleberg (IFE) – <i>Welcome</i>	
10.10	Andreas Bratland (RCN) – <i>Project funding: 2023 calls for proposals</i>	
10.15	Sonia Yeh (Chalmers University of Technology) – <i>Modeling of future transport systems from different point of views: data, technology, behavior, and policy</i>	
10.45	Deborah Jones (University of Montpellier) – <i>Membrane and Catalyst Materials and Components Development for Hydrogen Technologies</i>	
11.15	Alexander Blömeke (RWTH Aachen University) – <i>Battery Electric Systems for Heavy Duty Transport Applications</i>	
11.45	Lennie Klebanoff (Sandia National Laboratories, Livermore) – <i>Hydrogen and Fuel Cells for Maritime Applications: From Sandia Feasibility Studies to First Demonstrations</i>	
Lunch 12.30-13.30		
	BATTERY SESSION (Storsalen)	HYDROGEN SESSION (Holmensalen)
13.30	Mathias Winther Thorsen (ECO STOR) – <i>Making second life energy storage safe and viable. Status and future outlook</i>	Eirik Byklum (Equinor) – <i>Demonstrating green hydrogen solutions for large-scale application</i>
13.55	Andy Naylor (Uppsala University) – <i>Probing interfacial reactions in sustainable rechargeable batteries</i>	Håvard Stave (Hexagon Purus Maritime) – <i>Compressed hydrogen gas as maritime fuel</i>
14.20	Espen Larsen-Hakkebo (Brim Explorer) – <i>Learnings from fire on board battery-powered MS Brim</i>	Kees Van Wingerden (Vysus Group) – <i>Hydrogen Safety for Maritime Applications – A Liquid Hydrogen Case Study</i>
14.45	Hanne F. Andersen (IFE) and Ingeborg Kaus (SINTEF) – <i>NABLA: Battery Cell fabrication research infrastructure</i>	Svein Johnny Naley (SEAM) – <i>System Integration of Hydrogen-driven Fuel Cells for Maritime Applications</i>
Refreshments 15.10-15.30		
15.30	Martin Kirkengen (Cenate) – <i>Innovative Silicon-based Anode Materials for High-capacity Li-ion Batteries</i>	Kai Rune Heggland (NEL Hydrogen) – <i>The world's first fully automated electrolyser production facility</i>
15.55	Halvor Høen Hval (Morrow Batteries) – <i>A sneak peek into Morrow and the technology of tomorrow</i>	Katie McCay (SINTEF) – <i>Bipolar Plates for PEM systems: Research Challenges and SINTEF's Contributions</i>
16.20	Marcus Martinsson (Stena Recycling) – <i>Industrial recycling of lithium-ion batteries</i>	Jan-Fredrik Hansen (ABB) – <i>Experiences with maritime fuel cell systems and prospects for upscaling</i>
16.45	Johan Fridner (Norsk Hydro) – <i>Hydro Battery Assets and Strategic Direction</i>	TBA
Dinner 19.00 (Aperitif 18.30)		



Plenary



Battery



Hydrogen

Program Wednesday 2 November (closed meeting)

MoZEES GA and HIGHLIGHTS (Holmensalen)				
08.45	Welcome (Øystein Ulleberg, IFE)			
09.00	General Assembly 2022 (see separate agenda) The GA will include presentations of the four MoZEES pre-projects: <ul style="list-style-type: none"> • <i>Accelerated Rate Calorimetry Towards Ideal Cathodes (ARCTIC)</i>. Partners: Morrow Batteries, Baldur Coatings AS, UiO, FFI • <i>Maritime Zero-emission infrastructure</i>. Partners: Hub for Ocean, Kystverket, TØI, IFE • <i>Maritime fuel cell degradation</i>. Partners: Corvus Energy, Selfa Arctic, SINTEF, IFE • <i>On the possibility of direct transition to detonation in turbulent hydrogen-air mixtures upon a weak ignition</i>. Partners: Vysus Group, Corvus Energy, USN, FFI 			
Coffee Break 10.30-10.45				
10.45	RA1 Highlight: High Energy Cathodes (Killian Stokes-Rodriguez, SINTEF)			
11.10	RA2 Highlight: Polymer-ceramic composite electrolyte membranes for high temperature PEM applications (Xinwei Sun, UiO)			
11.35	RA3 Highlight: Hydrogen Safety in Confined Spaces (Agnieszka Lach, USN)			
12.00	RA4 Highlight: Life Cycle Assessment of Battery Electric Buses (Linda Ager-Wick Ellingsen, TØI)			
Lunch 12.30-13.30				
PARALLELL RA-MEETINGS				
	RA1 Ann Mari Svensson	RA2 Tor Olav Sunde	RA3 Ragnhild Hancke	RA4 Erik Figenbaum
13.30	<i>The program for the parallel RA-meetings will be communicated directly by the RA leaders</i>			
END of MEETING (ca. 16.00)				