

November 3 - 4, 2021, Thon Hotel Prinsen, Trondheim, Norway

The MoZEES Annual Meeting 2021



PROGRAM - WEDNESDAY 3 NOVEMBER



BATTERY MEETING

- 09:15** Welcome - Øystein Ulleberg, IFE
- 09:30** Challenges and Strategies to Develop High-Performance and More Sustainable Battery Technologies - Dr. Tobias Placke, MEET
- 10:10** High-energy Li-ion batteries comprising silicon containing anodes and insertion type cathodes - Prof. Egbert Figgemeier, FZ Jülich, Helmholtz Center Münster
- 10:50** Coffee break
- 11:00** Commercializing sustainable battery technologies
Jon Fold von Bülow, Morrow Batteries
- 11:30** LUNCH
- 12:30** Localizing the supply of anode materials for a sustainable robust value chain
Bridget Deveney, Elkem
- 13:00** We Energize the Marine Industry – How to Stay Ahead? - Daniel Green, Siemens Energy
- 13:30** Coffee break
- 13:45** Environmental gain of electrification in maritime sector
Fride Vullum-Bruer, SINTEF Energy
- 14:15** Life Cycle Analysis of Li-ion Batteries
Linda Ager-Wick Ellingsen, TØI



HYDROGEN MEETING

- 09:15** Welcome - Rune Bredesen, SINTEF
- 09:30** Hydrogen, from romance to solution
Prof. Oluf Jensen, DTU
- 10:10** Research and demonstration of electrification and hydrogen for heavy-duty vehicles in Sweden - Dr. Magnus Karlström, Lindholmen Science Park AB
- 10:50** Coffee break
- 11:00** TECO2030 marine fuel cell system
Fredrik Aarskog, TECO2030
- 11:30** LUNCH
- 12:30** Topologically Optimized Electrochemical Energy Converters: Geometry driven performance optimization from Nano to Microscale - Jan Torgersen, NTNU
- 13:00** Permascand – Enabler of green hydrogen transition
Susanne Holmin, Permascand
- 13:30** Coffee break
- 13:45** Catalyst Coated Membranes: Recent Developments at JM
James Stevens, Johnson Matthey
- 14:15** H2 Truck – deployment of hydrogen trucks in Norway
Jan Carsten Gjerløw, Evig Grønn
Scania FC Trucks for Norway
Anna Douglas, E-mobility Scale-up, Scania

- 15:00** Site Visits^{*)}
- Battery production line at Siemens Energy
 - Hydrogen refuelling station for trucks and forklifts at ASKO
 - Demonstration site for wind/hydrogen system (EU project "REMOTE") at Rye
 - Battery and hydrogen laboratories at SINTEF and NTNU
- ^{*)}All practical information related to the site visits will be communicated on site
- 17:00** End of Site Visits
- 19:30** Dinner at Thon Hotel Prinsen Trondheim (Aperitif 19:00)

The program for the closed MoZEES Meeting on 4 November is published at <https://mozees.no/program-4-november>