

# Webinar Program 11th June 2021

10:00 First session

## **Opening of the Webinar**

Gro Anita Fonnes Flaten, Pro-Rector for Research

## **Why have a Hydrogen webinar? HVL Research activities**

Prof. Dhayalan Velauthapillai, Department of Computer science, Electrical engineering and Mathematical sciences, HVL

## **Hydrogen educational activities at HVL**

Velaug Myrseth Oltedal, Assistant Head of Department, Department of Mechanical and Marine Engineering, HVL

## **Tugboat with Metal Hydride Storage**

Tone Gregersen Bua, Lene Dahl Jacobsen, Marte Maria Tømterud. Bachelor thesis, HVL

## **An Efficiency Comparison of Liquid Hydrogen, Ammonia, and Liquid Organic Hydrogen Carriers for Maritime Use**

Anders V. Bøe, Tommy A Reinertsen and Daniel Gullbrå. Bachelor thesis, HVL

## **The Prospect of Hydrogen Niche in The Norwegian Maritime Sector**

Negar Safara Nosar. Master thesis, HVL

## **Photocatalytic Hydrogen Production**

Sivagowri Shanmugaratnam, PhD Thesis, HVL

## **Photoelectrochemical Hydrogen Production**

Isacfranklin Melkiyur, PhD Thesis, HVL

11:10 Break

11:15 Second session

## **Hydrogen for the Future – Areas in Focus**

Are Opstad Sæbø, Greenstat AS

## **Green Hydrogen Production and LOHC at Fjord Base**

Vegard Lavik, Hyfuel

## **The next generation modularized marine fuel cell systems**

Kristian Holmefjord, Corvus Energy

## **Hydrogen as Clean Energy Resource in Western Norway**

Tore Olderkjær Solheimslid, Vestland fylkeskommune

## **Closing Remarks**

Nils-Ottar Antonsen, Head of Department IMM, HVL