



Statens vegvesen

Coastal Highway E39 – Extreme Bridges in Marine Environment

Trondheim Thursday 1. November at 08.30–17.00
at Clarion Hotel og Congress Rom: COSMOS 1A

PROGRAMME

Lessons learned from Marine structures

Chair: Kjersti K. Dunham, Programme manager E39

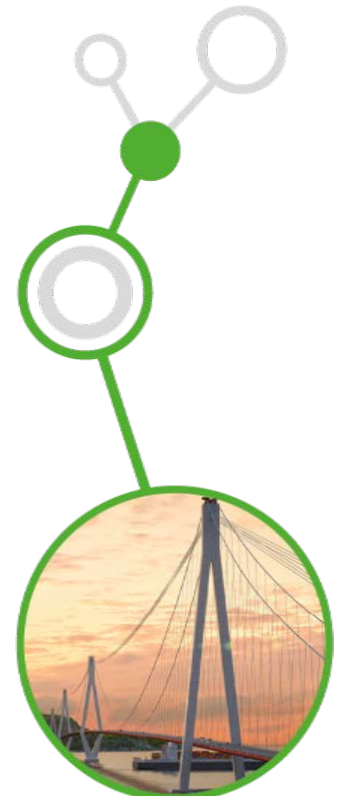
- Kl. 08.30–08.40 **Welcome**, Terje Moe Gustavsen, Norwegian Public Roads Administration
- Kl. 08.40–09.10 **Korean research on Submerged Floating Tunnel**, Professor H. K. Lee, KAIST
- Kl. 09.10–09.40 **Washington State's Floating Bridges – Lessons Learned**, Nicholas T. Rodda, WSDOT
- Kl. 09.40–10.00 **PAUSE**
- Kl. 10.00–10.20 **Multi Purpose Floating Structures (MPFS)**, Øyvind Hellan, Sintef Ocean
- Kl. 10.20–10.40 **Concrete vs. Steel in floating structures**, Kathrine Haldorsen, Kværner
- Kl. 10.40–11.00 **Chacao Channel Bridge in Chile – Lessons learned**, Svein Erik Jakobsen, Aas–Jakobsen
- Kl. 11.00–11.30 **Panel discussion: Implications for marine structures in Norway**

Kl. 11.30–13.00 **LUNCH**

Coastal Highway Route E39

Chair: Inger Lise Johansen, Norwegian Public Roads Administration

- Kl. 13.00–13.30 **Progress and development strategy**, Kjartan Hove and Kjetil Strand, Norwegian Public Roads Administration
- Kl. 13.30–13.40 **Status for the Fjord crossing project**, Mathias Egeland Eidem, Norwegian Public Roads Administration
- Kl. 13.40–14.00 **A new possibility for crossing: The Submerged Floating Tube Bridge**, Arianna Minoretti, Norwegian Public Roads Administration
- Kl. 14.00–14.20 **PAUSE**
- Kl. 14.20–14.40 **New generation of long-span suspension bridges**, Kristoffer Hoffmann, Svend Ove Hansen, ApS, Denmark
- Kl. 14.40–15.00 **Floating suspension bridges**, Simen Holtberget, Norwegian Public Roads Administration



- Kl. 15.00–15.20 **Outlook on the development of a floating bridge on Bjørnafjorden**, Bernardo Costa, Norwegian Public Roads Administration
- Kl. 15.20–15.40 **PAUSE**
- Kl. 15.40–16.00 **Effect of floating bridge motion on vehicles ride comfort**, Dragan Sekulic, Chalmers University of Technology
- Kl. 16.00–16.20 **Reliability based design optimisation of long span bridges with emphasis on aerodynamic stability**, Ibuki Kusano, University of Stavanger
- Kl. 16.20–16.40 **Ship collision Impact**, Yanyan Sha, Norwegian University of Science and Technology
- Kl. 16.40–16.50 **Benefits of research**, Kjersti K. Dunham, Norwegian Public Roads Administration
- Kl. 16.50–17.00 **Closing remarks**

