



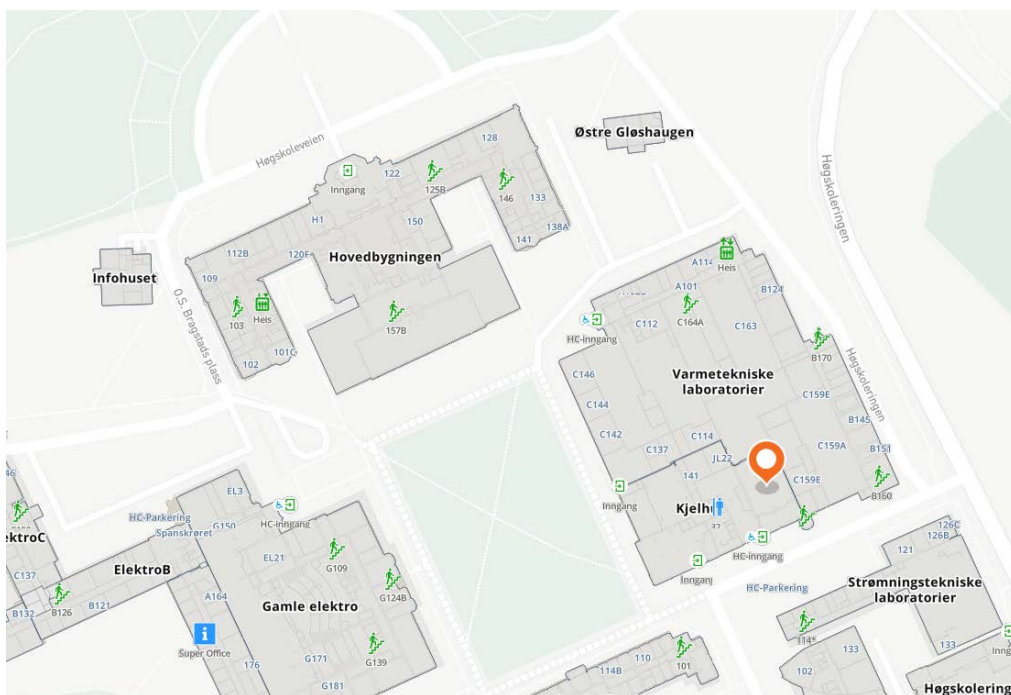
# NTNU

Norwegian University of  
Science and Technology

## Coastal Engineering Day, Marin Byggteknikkdagen - 2019 NTNU/PIANC

When: 29. april – 2019

Where: Gløshaugen: Kjelhuset: KJL1, Kolbjørn Hejes veg 1c



NTNU and PIANC join forces to organize the 4<sup>th</sup> running Coastal Engineering Day in Trondheim, the 29<sup>th</sup> of April 2019. This annual event aims to bring together the academic and professional communities within the coastal engineering profession. The event provides a great framework for mingling, sharing of experience and mutual learning between sectors. With a great line-up of industry specific and research based presentations, the day should be interesting for all those who work within fields connected to coastal engineering.

We look forward to seeing you there!



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## Program

- 09:00 [Welcome and some information about PIANC and Young Professionals.](#)  
Onno Musch – Norconsult AS / PIANC Norge YP-Com delegate
- 09:30 [Centre of Coastal Technology – Status update](#)  
Jørgen Krokstad – Norconsult AS
- 10:00 [Developing the Norwegian coastline – future fairways](#)  
Ruben Rostad – Kystverket
- 10:30 **Coffee break**
- 10:45 [Improving marine operations with real time simulators](#)  
Bård Helge Thingstad – Kongsberg Maritime
- 11:15 [Machine Learning – possibilities for shipping and coastal engineering](#)  
Andreas Ravnstad – Norconsult AS
- 11:45 [Modelling of ocean currents near the coastline](#)  
Ole Anders Nost – Akvaplan-Niva
- 12:15 **Lunch**
- 13:15 [Digital twins](#)  
Marit Reiso – SAP
- 13:45 [Digital screening and geological mapping of bathymetry](#)  
Erling Siggerud – Digital Geologi
- 14:15 [On wave modelling](#)  
Hans Bihs – NTNU
- 14:35 [Research based education](#)  
Arun Kamath – NTNU
- 14:45 **Coffee break**
- 15:15 [Arctic Technology](#)  
Raed Lubbad – NTNU
- 15:45 Master Project Presentations (3 projects), NTNU/CoMEM  
[Submerged floating tube](#); Daniil Popov  
[Numerical modelling of elastic fluid-structure interaction for aquaculture applications](#); Sungsoo Lim  
[Physical model study of living breakwaters](#); Nauman Raza
- 16:30 *Summary and comments*  
Onno Musch – Norconsult AS
- 16:45 **Networking**