



Aalto University

Welcome to our “Marine Technology Gala” !!

November 30th 2022 from 09:30 to 15:30 hrs
Event held at “The Design Factory”, Betonimiehenkuja 5 C, 02150 Espoo, AALTO
(<https://designfactory.aalto.fi/contact/>)



The students and staff of our Marine Technology group look forward to welcome you to this annual event. We will present innovative ideas and discuss recent and future developments in marine technology research and education. We look forward to your attendance !!!

Agenda

09:30 Welcome coffee

10:00 Research & Education in Marine Technology

10:30 Student projects

- ✓ EPSY - Energy Self sufficient Sailing Yacht
- ✓ Sustainable ship SUBSearch

11:10 Lunch

12:00 Student projects

- ✓ H2Ocean - Hydrogen Tanker for the Baltic Sea
- ✓ RV NAHKIAINEN
- ✓ GILJM – A future Multipurpose Research & Supply vessel

13:00 Coffee Break

13:20 Recent MSc work

- ✓ Hassan Yosri - Global flexible hull girder loads on intact and damaged ships

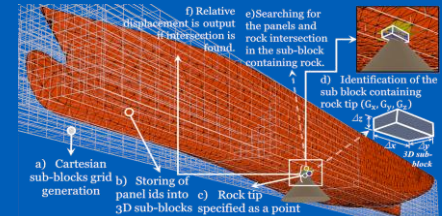
13:45 Recent DSc Research

- ✓ Ghalib Taimuri - A rapid model for the assessment of ship hard grounding
- ✓ Janne Heiskari – Optimization of insulating glass unit windows in cruise ships

14:30 Recent Post Doctoral Research

- ✓ Sasan Tavakoli – The use of RANS CFD in Hydroelastic Slamming

15:00 Close



Taimuri et al. (2002). *Journal of Fluids and Structures*
<https://doi.org/10.1016/j.jfluidstructs.2022.103589>