List of completed master theses:

1. 2024, Yann Le Floch "Theoretical and numerical study on potential re-use of in-place concrete sub-structures for generating **renewable energy form ocean waves**" (main supervisor).
2. 2024, Oliver Schultzen "Assessment of **non-linear hydrodynamic and modelling effects in a coupled analysis of floating offshore wind platforms**" (main supervisor).
3. 2024, Kristian Reiersen Sundsdal "A two-dimensional experimental study relevant for **drift loads of moored offshore structures and ships** in beam-sea regular waves" (main supervisor).
4. 2022, Daniel W. Ekerhovd and Stian Boge "A **hydro-aerodynamic analysis of a Floating Offshore wind turbine** to assist in floater selection" (main supervisor).
5. 2022, Eirik Anda "Numerical Study of **Potential and Viscous, Nonlinear, Effects for Wave Drift Loads on Offshore Structures**" (main supervisor).
6. 2022, Helen Abraham and Amund Garsrud Tvedt "A **Feasibility Study of a Renewable-Energy Supply** for an Offshore Oil and Gas Installation" (main supervisor).
7. 2022, Eirik Ruben Grimholt Søvik "Systematic Analysis of Experiments on **Sub-Carangiform Fish Hydrodynamics**" (main supervisor).
8. 2021, Spencer August Dugan "Prediction of **wave-induced ship responses using tuned transfer functions**" (within the Joint Nordic Master for Maritime Engineering program, co-supervisor).
9. 2020, Frida Mattson "Numerical Study of **Nonlinear Effects for the Wave-Induced Drift Loads** on an FPSO" (main supervisor).
10. 2020, Frode Moen "Experimental Analysis of **Sea-bass Hydrodynamics**" (main supervisor).
11. 2020, Lars Thoresen Haug "Hydrodynamic Study of **ROV (Remotely Operated Vehicle) Operations at Net-based Fish Farms**" (main supervisor).
12. 2019, Tianlei Miao, "Generation of a full-envelope hydrodynamic database for hydrobatic AUVs", from University KTH ROYAL INSTITUTE OF TECHNOLOGY (co-supervisor).
13. 2019, Anni Yang Christensen "Analysis of **Vortex Induced Motions for Floating Wind Turbines**" (main supervisor).
14. Cecilie Vangdal "Hydrodynamic study of **offshore wind turbines in extreme conditions**" (main supervisor).
15. 2019, Ida Oline Håberg "**Foil Motion Control** of High-speed Catamarans" (main supervisor).
16. 2019, Karoline Eriksen "Numerical investigation of a **bottom–fixed wind turbine in severe environmental conditions**" (main supervisor).
17. 2019, Mildrid Sofie Breivik Haga "Hydrodynamic challenges of **floating wind turbines in shallower depths**" (main supervisor).
18. 2019, Simone Di Carlo "Offshore floating wind turbines as sea state observers", from University *Politecnico di Milano* (co-supervisor).
19. 2019, Michael C.E. Jensen "Numerical study **on roll damping**, relevant for FPSO platforms" (main supervisor).

20. 2018, Christopher Lawrence "Higher Order Spectral method for **wave scenarios with nonlinear and dispersive effects**"(main supervisor).
21. 2017, Øyvind Rabliås, "Development of a new **Navier-Stokes Solver using a Generalized HPC method** for the Pressure Poisson Equation" (main supervisor).
22. 2017, Andreas Grung Svendsen "Hydrodynamic effects relevant for **free falling lifeboat** modelled **with compressible air**" (main supervisor).
23. 2017, Simen Groth "**Structural loads on a free-falling lifeboat**" (main supervisor).
24. 2017, Vegard Netland "Hydrodynamic effects relevant for **free-falling lifeboats in wave conditions**" (main supervisor).
25. 2017, David Hugh Williams "**Green-water phenomena for feed barges** in exposed sea areas" (main supervisor).
26. 2017, Julie Vadholm "Numerical study on **wave drift loading on slender marine structures**" (main supervisor).
27. 2016, Einar Biørn-Hansen "Coupling of a 2D Boundary Element Method with a local analytical solution to deal with **geometrical singularities**" (main supervisor).
28. 2015, Arne Kristian Sæther "An Experimental Investigation on **Bio-Fouling Induced Drag**" (main supervisor).
29. 2015, Pauline Øien "Physical investigation of **slamming loads on a 2D body**" (main supervisor).
30. 2015, Wenbo Zhu "Numerical wave tank for **nonlinear waves in various water depths**" (main supervisor).
31. 2015, Ran Xiao "Numerical investigation for the moment caused by **shallow water sloshing** under a transient roll motion" (agreement with Aalto University, co-supervisor).
32. 2014, Sigve Håland "**Lowering and lifting operations through moonpools**: Hydrodynamic investigations" (main supervisor).
33. 2014, Torleif Bertelsen "**Installation of large subsea structures**: Lowering of suction anchors through the splash zone" (main supervisor).
34. 2013, Even Rosenlund "Nonlinear Hydrodynamic Effects for **Bottom-Fixed Wind Turbines**"(main supervisor).
35. 2013, Johannes Joachim Kalevi Geyssel "Numerical and Experimental Investigation of **Parametric Roll**" (main supervisor).
36. 2013, Peter Johannessen and Lars Otto Jordal "**Statistical Analysis of Design Load** for a Vessel: Slamming Loads" (main supervisor).
37. 2013, Yi Luo "Numerical Investigation of **Wave-Body Interactions in Shallow Water**" (main supervisor).
38. 2012, Line J.C.H. Dahl, "**Octabuoy concept and Spar Buoys**: non linear effects and analysis" (main supervisor).
39. 2012, Marianne-Isabelle Falk and Thomas Skorpen "**Dry tree semisubmersible platform**: coupling between the hydro-pneumatic riser tensioning system, the risers and the hull (main supervisor).
40. 2012, Thea Spieler "**Roll damping of an FPSO**: towards a CFD investigation of the problem (main supervisor).
41. 2012, Nikolai Gustavsen "Global analysis of **floating bridge**" (co-supervisor).