

Kandidat:	Veileder:	Tittel:		
Aarsnes	Marion	Asbjørnslett	Bjørn Egil	A Feasibility Study of Assessing Bunkering Operations Through AIS Data
Aas-Hansen	Trine	Steen	Sverre	Evaluation of Seakeeping Capabilities of a Floating Solar Plant
Agdestein	Einar Nonås	Ludvigsen	Martin	Visual Estimation of Motion for ROVs - Increasing Accuracy for ROV Navigation
Alvern	Ole Schanche	Karbalaye Zadeh	Mehdi	Marine Hybrid Propulsion Systems - Overview, Feasibility, and a Case Study of a High-Speed Passenger Vessel
Andersen	Ingrid Rolland	Holmedal	Lars Erik	Tidal and Wind Driven Boundary Layer Flow in Coastal Zones
Arumugam Elumalai	Venkatesan	Leira	Bernt Johan	Fabrication, Launching and Towing of Submerged Production Unit - A Technology Development Project of Subsea7
Attanapola	Dhanushi Nayanatara	Pettersen	Bjørnar	Numerical Simulation of Viscous Shear Flow Around Tandem Cylinders
Axelsen	Jørgen Jensen	Asbjørnslett	Bjørn Egil	A Study of the Operational Patterns of LNG Carriers from AIS Data
Bertelsen	Øystein Ølund	Larsen	Kjell	Analysis and Design of Mooring and Turret Systems for Ship-shaped Floating Production Systems (FPSOs)
Birkeland	Frid Grøtterud	Kristiansen	Trygve	The Motion of Slender, Cylindrical Bodies - An Experimental and Theoretical Investigation
Bogen	Erik Dypvik	Leira	Bernt Johan	Fatigue and Fracture Limit State for Pipelines
Borgnes	Mathias	Leira	Bernt Johan	Probabilistic Methods for Estimation of Extreme Ice Loads on Ships
Bredahl	Jens Kristian Myhrer	Ushakov	Sergey	Experimental Study of High-Pressure Gas Injection Using Optical Methods
Bremer	Kaja Steffensen	Kristiansen	Trygve	Using Neural Networks to Predict the Response of a Floating Structure
Buadu	Stephanie	Schjølberg	Ingrid	Advanced Mission Planner for Cooperative Underwater Vehicles
Burås	Magne	Schjølberg	Ingrid	Hybrid fuel-cell auxiliary system for an aquaculture vessel
Bøe	Terje Skogan	Amdahl	Jørgen	Analysis and Design of Stiffened Columns in Offshore Floating Platforms Subjected to Supply Vessel Impacts
Chen	Kai Jia Jin	Hassani	Vahid	Modeling and control of a SES in various operational modes
Chiu	Tsz Kit	Ludvigsen	Martin	Sonar tracking and obstacle avoidance for navigation of ROV
Dagestad	Ingvid	Steen	Sverre	Actuation moments for hydrofoil flaps
Dou	Rui	Gao	Zhen	Numerical Modeling and Analysis of a Semi-submersible Fish-cage
Drønen	Simon	Asbjørnslett	Bjørn Egil	Feasibility of an all-electric Fishing Vessel based on AIS data
Eidal	Maren Kristine	Hassani	Vahid	COLREGS Compatible Motion Planning for Autonomous Surface Vessels
Ekanger	August	Ludvigsen	Martin	Developing an Autonomous Tracking System for the Atlantic Salmon
Ellingsen	Sondre Lydvo	Ås	Sigmund Kyrre	Pipeline damage assessment after trawling impact
Elmies	Elisa	Rasekhi Nejad	Amir	Fault Detection of Offshore Wind Turbine Drivetrain, State-of-the-Art, Development Trend and Role of Digital Twin
Eriksson	Sebastian Erik	Kristiansen	Trygve	2D experimental and numerical study of moonpool with recess
Farnes	Sigurd	Hassani	Vahid	Data-driven fault detection for plunger pumps
Feet	Bernhard	Asbjørnslett	Bjørn Egil	Investigation of Maritime Near Contact Accidents Accounting for Traffic Characteristics of Individual Waterways: A High-Resolution AIS Data Approach
Fimland	Dennis Hallås	Kristiansen	Trygve	Nonlinear Wave Loads on a Vertical Cylinder
Fjellidal	Torgeir	Asbjørnslett	Bjørn Egil	Autonomous Systems Design - An Exploratory Research Study in the Context of Maritime Shipping
Fjellvang	Snorre Ludvig	Hassani	Vahid	Adaptive Vertical Motion Control System for a Surface Effect Ship
Flatøy	Erlend	Amdahl	Jørgen	Analysis of an Offshore Jacket subjected to Supply Vessel Impacts
Fløgum	Benedicte Elise	Leira	Bernt Johan	A Concept Study of a Pre-tensioned S-shaped Pontoon Bridge with Submerged Floating Twin-Tubes
Fossdal	Markus	Sørensen	Asgeir Johan	Online Consequence Analysis of Situational Awareness for Autonomous Vehicles
Førrisdal	Even Wollebæk	Steen	Sverre	Empirical Prediction of Residuary Resistance of Fast Catamarans
Gohin	Gaspar Felix Gilles	Bachynski	Erin Elizabeth	Upscaling, analysis, and design of a floating vertical axis wind turbine
Grefstad	Ørjan	Schjølberg	Ingrid	Development of an Obstacle Detection and Avoidance System for ROV
Grundt	Erik Høgslund	Asbjørnslett	Bjørn Egil	Automatic Generation of Detailed Shipping Networks from AIS Data for Norwegian Coastal Waters
Grønæss	Kristin	Utne	Ingrid Bouwer	Performance monitoring on a gas admission valve in a dual fuel engine - Implementation of condition based maintenance by applying machine learning and statistical models
Gupta	Prateek	Kristiansen	Trygve	Experimental Investigation of Porous Structures in Splash Zone
Gustavsen	Herman Øen	Schjølberg	Ingrid	Proposal and comparison of an exogenous Kalman Filter and a Particle Filter for use with ROV thruster models
Hagen	Benjamin Vist	Steen	Sverre	Influence of a Wavefoil on the Wave Pattern Resistance of a Ship
Hagen	Stian Arneborg	Amdahl	Jørgen	Damage Assessment of Sevan 1000 FPSO Subjected to Impacts from Shuttle Tankers
Halvorsen	Lars Gellein	Lader	Pål Furset	Investigation of the effect of sloshing in a floating closed fish farm
Harr	Mathias	Pettersen	Bjørnar	Numerical simulation of viscous flow around a step cylinder
Hatlevik	Anita Solhaug	Holm	Håvard	Resistance analysis of trimaran service vessel using CFD
Helvik	Elise	Leira	Bernt Johan	Description and Structural Analysis of a Marine Bridge for the Digernessund crossing
Helvik	Amund Døssland	Kristiansen	Trygve	Underwater parachute, an alternative installation method
Hoel	Preben Jensen	Nguyen	Dong Trong	Digital Twin of Vessels in Arctic Environments - Extending a Simulation Environment to allow for External Control of Multiple Vessels
Hole	Kjetil Blindheim	Larsen	Kjell	Design of Mooring Systems for Large Floating Wind Turbines in Shallow Water
Holven	Erik Bjørklund	Ludvigsen	Martin	Control system for ROV Minerva 2
Hopsdal	Jonas	Nguyen	Dong Trong	Adaptive Control of Underwater Snake Robot
Hovden	Petter	Kim	Ekaterina	Optimisation of a New Energy System in Longyearbyen based on LNG and Solar Energy - Applying Mixed Integer Linear Programming and a Rolling Horizon Heuristic
Hveding	Erik Axelsson	Koushan	Kourosh	Hydrodynamic Analysis and Optimization of Interceptor based Air Lubrication for High Speed Vessels
Høie	Emil Benthien	Asbjørnslett	Bjørn Egil	Maximum Covering Location Approach for Solving a Coast Guard Deployment Problem
Håland	Helene Salte	Kristiansen	Trygve	Accidental Drop of Slender Cylindrical Bodies - A Numerical and Experimental Study of Velocity and Trajectory of Cylinders Falling Through Water
Ildstad	Jens Berg	Steen	Sverre	Use of Turbulence Stimulation on Ship Models
Jensen	Michael Chimaeze Ekeog	Greco	Marilena	Numerical study on roll damping, relevant for FPSO platforms
Johansen	Sigrd Siksjø	Rasekhi Nejad	Amir	On Developing a Digital Twin for Fault Detection in Drivetrains of Offshore Wind Turbines
Johansen	Stian Rørvik	Leira	Bernt Johan	Ship hulls exposed to ice-induced loads and resistance
Khan	Abir	Schjølberg	Ingrid	Deep Reinforcement Learning based tracking behavior for underwater vehicles
Killi	Marius Lien	Bachynski	Erin Elizabeth	Hydrodynamic Interaction Among the Pontoons of a Floating Bridge: Effect of Global Responses
Kjæmes	Vår Emilie	Lader	Pål Furset	A Comparison between Surface and Underwater Feeding Technology with Respect to Feed Waste
Kjærli	Eirik Fagtn	Schjølberg	Ingrid	Deep Reinforcement Learning Based Controllers In Underwater Robotics
Knudsen	Peter Nicolai	Asbjørnslett	Bjørn Egil	Exploring the Possibility of Electric and Autonomous Container Feeders

Kolltveit	Eivind Liby	Ludvigsen	Martin	Cooperative towing using USVs
Kolstø	Andreas Bro	Hassani	Vahid	Fault Detection for Position Mooring Using Statistical Analysis
Lande	Simen Vike	Hassani	Vahid	Path Planning for Marine Vehicles using Bézier curves
Larssen	Henrik Stumberg	Pettersen	Bjørnar	Turbulence Modelling of the Flow Around a Prolate Spheroid
Lawrence	Christopher	Greco	Marilena	Higher Order Spectral method for wave scenarios with nonlinear and dispersive effects
Leira	Benedikte	Aanondsen	Svein Aanond	LNG as fuel on fishing vessels - Assessment of economic feasibility and environmental impact
Liang	Guodong	Gao	Zhen	Frequency-domain Method for Global Dynamic Response Analysis of a Semi-submersible Floating Wind Turbine
Liland	Vegard Arnetveit	Steen	Sverre	Feasibility Study of the ECO Trawl Concept
Lu	Ying	Hassani	Vahid	Current Profile Estimation for a Moored Floating Structure
Lund	Øyvind Haug	Asbjørnslett	Bjørn Egil	Evaluation and Comparison of Operability and Operational Limits of Service Vessel Designs in Exposed Aquaculture
Lunde	Karoline	Vinnem	Jan-Erik	Major Accidents in Exposed Fish Farming - A quantitative collision risk analysis
Lønnum	Ole Johan Jørgensen	Asbjørnslett	Bjørn Egil	Deep Learning Metocean Simulation and its Applications in Marine Simulation-based Design
Mao	Haiying	Sævik	Svein	Riser lift system for deep sea mining
Mehn-Andersen	Ingrid	Gao	Zhen	Time-domain Roll Motion Analysis of a Barge for Transportation of an Offshore Jacket Structure
Midtbust	Sondre Stang	Leira	Bernt Johan	Concept Study and Analysis of a Constant Buoyancy System for a Floating Single Column Platform
Midtgarden	Olav	As	Sigmund Kyrre	Material Parameter Identification Using Artificial Neural Networks and Genetic Algorithm
Mohr	Julie Rabben	Leira	Bernt Johan	Using Field Data and Parametric Studies to Create a Dynamic Model of a Seismic Spread
Nerem	Trine	Aanondsen	Svein Aanond	Assessment of Marine Fuels in a Fuel Cell on a Cruise Vessel
Nilsen	Tord Hauge	Asbjørnslett	Bjørn Egil	Analysis of the kelp farming industry in Norway with regard to conceptual design of vessels for harvesting and deployment operations
Nordkvist	Haakon Akse	Haugen	Stein	An Advanced Method for Detecting Exceptional Vessel Encounters in Open Waters from High Resolution AIS Data
Næss	Patrick Andre	Asbjørnslett	Bjørn Egil	Investigation of Multivariate Freight Rate Prediction Using Machine Learning and AIS Data
Nørgaard	Elise Lossius	Asbjørnslett	Bjørn Egil	Defining and Evaluating Long-term Operability of Service Vessels in Exposed Aquaculture
Ortega Nadal	Alvaro	Bachynski	Erin Elizabeth	Time domain simulation parameters for fatigue assessment of an offshore gravity based wind turbine
Orvedal	Simen Haugen	Holm	Håvard	Frequency Dependence of Bilge Keels
Osvoll	Ida Fagerli	Amdahl	Jørgen	Analysis and Design of Bjørnefjorden Floating Cable-Stayed Bridge subjected to Large Ship Collisions and Extreme Environmental Loads
Park	Daeseong	Karbalaye Zadeh	Mehdi	Onboard DC Power Systems for Hybrid Electric Ships: Simulation and Control
Patel	Pratim Jayesh	Bachynski	Erin Elizabeth	Validation of Nonlinear Hydrodynamic Load Models for a Monopile in Long-Crested Waves
Pocheau Lesteven	Malo Ange Baptiste	Holm	Håvard	Hydrodynamic Analysis of Paddle Wheel Propulsion
Radhakrishnan	Gowtham	Amdahl	Jørgen	Analysis of accidental iceberg impacts with large passenger vessels and FPSOs
Rangel Valdes	Jorge Luis	Gao	Zhen	Dynamic response analysis of a catamaran wind turbine installation vessel with focus on the transportation stage
Rimstad	Helene	Rasekhi Nejad	Amir	Dynamic Modelling, Vibration and Fatigue Analysis of Slow Rotating Propulsion Systems
Rognaldsen	Anette	Pettersen	Bjørnar	Numerical Investigation of Viscous Flow Around Two Tandem Circular Cylinders Ending on a Flat Plate
Rolandsen	Andre Nilsson	Nguyen	Dong Trong	Digital Twin of Vessels in Arctic Environments
Rolland	Louise Ankerstjerne	Amdahl	Jørgen	Fluid Structure Interaction Analysis of Abnormal Wave Slamming Events
Saletti	Massimiliano	Gao	Zhen	Comparative numerical and experimental study of the global responses of the spar-torus-combination in extreme waves due to the bottom slamming effect
Salvesen	Harald Bendik Ulvestad	Asbjørnslett	Bjørn Egil	Evaluation of Autonomous Container Feeder Fleets in Different Contexts and Needs
Sandal	Tarjei Nærø	Amdahl	Jørgen	Dynamic Analysis of Connected Jackets
Scheide	Margrete Sandsbråten	Ludvigsen	Martin	Using Deep Learning for Automatic Classification of Marine Habitats in HiSAS Imagery
Schönfeldt-Borchgrevin	Sofie	Kiendl	Josef Max	Isogeometric analysis with trimmed geometries applied to ship hulls
Scibona	Ignacio	Asbjørnslett	Bjørn Egil	Modelization and Analysis of Offshore Wind Support Vessels in the Scenario of the new Generation of Offshore Wind Farms
Senderud	Kristine	Leira	Bernt Johan	Modelling and Analysis of Floating Bridge Concepts Exposed to Environmental Loads and Ship Collision
Sjøberg	Trym Sogge	Asbjørnslett	Bjørn Egil	Evaluation and Comparison of Operability and Operational Limits of Service Vessel Designs in Exposed Aquaculture
Sjøholt	Natalie Bakke	Utne	Ingrid Bouwer	Reliability Centered Maintenance (RCM) of the Autonomous Passenger Ferry in Trondheim
Skjulstad	Christoffer	Pettersen	Bjørnar	Numerical Simulation of Viscous Flow Past A Curved Cylinder
Stemsrud	Synnøve Risting	Lader	Pål Furset	Site surveys at Norwegian aquaculture sites - Methodologies for wave estimation
Stenlund	Tiril	Bachynski	Erin Elizabeth	Mooring System Design for a Large Floating Wind Turbine in Shallow Water
Sørum	Sigurd Aurvåg	Larsen	Kjell	Feasibility Study of the "Launch and Forget" Installation Method for Deep Water Marine Operations
Thunes	Mats	Asbjørnslett	Bjørn Egil	Discrete-Event Simulation of Vessel Response Time for Acute Pollution in Aquaculture
Tofteng	Kim Andre	Larsen	Kjell	Efficient Installation of Subsea Equipment in Deep Water
Tufteland	Tormod Alf Try	Holm	Håvard	Deployment Environment for Containerized Applications - Comparison of Tools and a Proof Of Concept
Vigsnes	Joakim Tveiten	Holm	Håvard	Seakeeping Analysis Comparison Between Viscous And Inviscid CFD
Vika	Eirik Breisnes	Leira	Bernt Johan	Modelling and Analysis of a Floating Bridge
Vikenes	Ole Kristian	Haver	Sverre Kristian	Assessment of Necessary Air Gap of Semi-Submersible Accounting for Simultaneous Occurrence of Wind, Wind Sea and Swell Sea
Vågnes	David	Kiendl	Josef Max	Isogeometric Structural Analysis of Wind Turbine Blades
Wallentinsen	Asbjørn Sve	Kristiansen	Trygve	Sheltering Analysis of Gravity Based Structures in Shallow Water
Weiby	Anders Juul	Gao	Zhen	Frequency-domain Roll Motion Analysis of a Transportation Barge Using Stochastic Linearization of Viscous Roll Damping
Winsvold	Jonathan	Kristiansen	Trygve	An Experimental Study on the Wave-Induced Hydroelastic Response of a Floating Solar Island
Wu	Baiheng	Hassani	Vahid	Image Processing and Target Tracking Technology in the Sea Cucumber Fishing Application
Wu	Daniel Si-Lu	Asbjørnslett	Bjørn Egil	Investigation of the Effects of Mass Flow Meters on the Singaporean Bunker Industry
Xue	Libo	Ludvigsen	Martin	Computer Vision Based Autonomous Panel Intervention for a Remotely Operation Vessel
Zang	Yuyang	Kristiansen	Trygve	Experimental and Numerical Investigations of Global Motions and Slamming Loads on an Aquaculture Feed Barge
Øvregård	Siri Bjørkedal	Nguyen	Dong Trong	Control Allocation for Underwater Snake Robots using Optimization Methods