Kandidat:		Veileder:		Tittel:
Aabrekk	Torbjørn	Rasekhi Nejad	Amir	Condition Monitoring and Vibration-based Fault Detection of High Speed Rotating Machinery
Aarskog	Tor Magnus Konradsen	Rasekhi Nejad	Amir	Analysis of Full Scale Structural Vibration on S.A. Agulhas II
Abildgaard	Tom-Erik			Quantitative Risk Analysis of an Urban Autonomous Ferry using Hybrid Causal Logic Modeling
Alfsen	Jens Nikolai	Skjetne	Roger	IMU-based sea state estimation using convolutional neural networks for DP vessels
Alnæs	Fredrik Elgsaas	Ludvigsen	Martin	AUV mission planning for Multiple Vehicles using Adaptive sampling
Alvsaker	Johan Fredrik	Skjetne	Roger	R/V Gunnerus Digital Twin Infrastructure
Bastiaanssen	Piet Hendrik	Gao	Zhen	Modelling the dynamic behaviour of a rotor nacelle assembly during the installation using a floating vessel
Beck	Laura Marie	Pedersen	Eilif	High-Pressure Direct-Injection Dual Fuel Engine: Evaluation for performance and emission potential by injector modeling and simulation
Bellingmo	Pauline Røstum	Skjetne	Roger	DP Control System for Blueye Pioneer
Berthelsen	Maiken	Sørensen	Asgeir Johan	Current Estimation for Small Autonomous Passenger Ferry
Boogaart	Lukas Henk	Gao	Zhen	Early age cycling in the grout connection of an offshore wind jacket structure
Bordal	Herman Schrader	Kristiansen	Trygve	Estimation of Higher Order Wave Loads on Offshore Monopiles
Bots	Michiel Willem Theodoor	Bachynski	Erin Elizabeth	Comparison of Potential Flow and CFD for a Column With Heave Plate
Brodin	Hermann	Savio	Luca	Hydrodynamic design of an affordable USV
Broersen	Adriaan Martijn	Amdahl	Jørgen	Analytical model to assess bending moments in wind turbine support structures subjected to ship collisions
Buan	Hanne	Asbjørnslett	Bjørn Egil	Simulation-Based Analysis of Salmon Encounters with Delousing Operations
Bussemakers	Pieter Jaime Matthijs	Bachynski	Erin Elizabeth	Validation of aero-hydro-servo-elastic load and motion simulations in BHawC/OrcaFlex for the Hywind Scotland floating offshore wind farm
Børresen	Bjørn	Aanondsen	Svein Aanond	Multi-objective Optimisation of FPSO Hull Geometry Using Genetic Algorithm Variations
Cao	Anni	Amdahl	Jørgen	FSI Analysis of Abnormal Wave Slamming Events
Carlsson	Emil	Utne	Ingrid Bouwer	Dynamic cruise ship contingency monitoring and risk assessment based on a fuzzy logic approach using AIS data
Dale	Tone	Steen	Sverre	Development of Simplified Methods for Ship Powering Performance Calculations
de Renty	Benoit Olivier Atea	Bachynski	Erin Elizabeth	Gradient-based design optimization of a semi-submersible floating wind turbine
Drønen	Simon	Asbjørnslett	Bjørn Egil	The feasibility of all-electric coastl fishing vessels based on AIS data
Edwin	Emil August	Larsen	Kjell	Assessment of Fatigue Damage ofMooring Chain for Mobile Units – withfocus on Installation Handling andCorrosion Degradation
Eimstad	Henning Jensen	Bachynski	Erin Elizabeth	Design Load Cases for Offshore Wind Turbines
Elvekrok	Morten Andreas Klausen	Asbjørnslett	Bjørn Egil	Feasible alternatives to decommissioning of oil and gas platforms on the Norwegian continental shelf
Emmerhoff	Jonas Yang	Steen	Sverre	Detection of encountered waves by using pressure measurements in the bow area of a ship
Fiksdahl	Olav	Skjetne	Roger	Model-Based Optimization for Energy and Emission Management of a Marine Hybrid Electric Power System
Fiskvik	Stian	Amdahl	Jørgen	Tower Design for a 10MW Floating Offshore Wind Turbine with Reduced Stiffness
Fleischer	Caroline Sophie Røhm	Skjetne	Roger	Optimal path-planning on a bio-inspired neural network guidance model for autonomous surface vessels
Folstad	Liv Elin	Larsen	Kjell	Numerical Simulations of the Turret Mooring System for Knarr FPSO in Harsh Environment
Gao	Fan	Ludvigsen	Martin	Mission Planning and Replanning for ROVs
Gauslaa	Elias	Skjetne	Roger	Navigation, guidance, and control for autonomous docking of ships
Gjerde	Sofie Kopperstad	Steen	Sverre	Hydrodynamic design of an autonomous ROV vessel
Gjestvang	Peder Sødal	Amdahl	Jørgen	Buckling of Non-spherical MOSS-LNGTanks
Haldorsen	Ingunn Salvesen	Erikstad	Stein Ove	Optimization of Combined Fleet and Installation Process for a Floating Offshore Wind Farm
Halse	Ask Ivar	Sævik	Svein	Trawl interference loads for offshore power cables
Hansen	Anders Vika	Erikstad	Stein Ove	An Offshore Rig Design and Deployment Model Using Stochastic Contract Scenarios
Haug	Lars Thoresen	Greco	Marilena	Hydrodynamic Study of ROV (Remotely Operated Vehicle) Operations at Net-based Fish Farms
Hernes	Helle	Holm	Håvard	Hydrodynamic Analysis of a Point Absorbing Wave Energy Converter in Heave and Surge
Holand	Eirik	Lader	Pål Furset	Floating Hatchery for Growth of PostSmolt Salmon by using Recirculating Aquaculture System
Høgheim	Sondre Bryn	Larsen	Kjell	Numerical Simulations and Operational Assessment of Installation of Anchors for Floating Wind Turbines
Jam	Jonas Vørrang	Amdahl	Jørgen	Buckling of stiffened aluminium panels
Jensen	Jakob Stensvik	Skjetne	Roger	Reactive path-planning for autonomous harbor maneuvering
Jensen	Jakob Tvedt	Holm	Håvard	Added ship resistance from headboxes and transverse tunnels in full scale CFD
Johansen	Joakim Hegg	Nguyen	Dong Trong	Non-linear control and digital twin modeling of the REMUS 100 AUV.
Johansen	Martin	Sævik	Svein	Controlling pipeline global buckling behaviour by installing prebent sections
Johansen	Solveig Aasheim	Koushan	Kourosh	Optimization of Energy Saving Devices
Justad	Andreas Malm	Pedersen	Eilif	Mixed Integer Optimization of Battery Utilization in Machinery Configurations for Deep-Sea Liquefied Natural Gas and Floating Storage and Regasification Unit Operations
Kabbe	Cathrine Storhaug	Erikstad	Stein Ove	Analysis of Strategies for GHG Emission Reduction in the LNG Shipping Industry
Kallåk	Vetle	Bachynski	Erin Elizabeth	Parametric Design and Analysis of Wave-Induced Responses of a Semi-Submersible Floating Wind TurbinePlatform
Kildal	Jonas Ravndal	Kristiansen	Trygve	Experimental and Numerical Investigation of Coupled Vessel and Moonpool Responses
Kindberg	Ella Margrethe Mørk	Amdahl	Jørgen	A Linear Anisotropic FE Approach to Simulate Non-Linear Buckling and Load Shedding Effects in Redundant Plated Structures
Klausen	Toni Mikael Pernu	Sørensen	Asgeir Johan	Combining reinforcement learning andhistorical AIS-data for simulatingrealistic ship paths
Klungseth	Joachim	Asbjørnslett	Bjørn Egil	A Simulation-Based Optimization Model for Fleet Sizing and FleetComposition of a Well-Boat Fleet
Knædal	Magnus Oanes	Skjetne	Roger	Autonomous Path Planning and Maneuvering of a Surface Vessel
Koreman	Dion Robert Theresius	Bachynski	Erin Elizabeth	Two-dimensional ice-structure interaction for offshore wind turbines
Kullerud	Ingrid Yun	Amdahl	Jørgen	Analyses of ship collisions with a floating offshore wind turbine
Kvamen	Jan Ove	Bachynski	Erin Elizabeth	Mooring Systems For Floating Wind Turbine Farms In Deep Water
Kyte	Olav Røthe	Larsen	Kjell	Design of mooring systems for floating wind turbines in shallow water
Lammers	Anneli Majlen	Sævik	Svein	Assessment on the potential use of vessel motion limit criteria for subsea cable installation
Langseth	Mats Wærøe	Asbjørnslett	Bjørn Egil	Strategic Planning in Norwegian Aquaculture: A Decision-Support System for Fleet Size and Mix Problems with Processing Vessels
Leinebø	Daniel	Steen	Sverre	Prediction of Maneuverability on Double-Ended Ferry
Lin	Yu	Gao	Zhen	Simulation of Inhomogeneous Wave Conditions and their Effect on Dynamic Responses of a Floating Bridge
Lone	Thomas Erling	Sørensen	Asgeir Johan	Navigation techniquesfor underwater vehiclesin polar regions
Lund	Kristoffer	Skjetne	Roger	Online Optimization of a Hybrid Electric Marine Power Plant Using Mixed Integer Linear Programming
Ma	Yucong	Bachynski	Erin Elizabeth	Fishtailing behaviour of single point moored floating wind turbines
Mathisen	Vilde Hugdal	Kristiansen	Trygve	Modelling of Ringing Loads on Offshore Wind Turbine Monopiles
Mattson	Frida	Greco	Marilena	Numerical Study of Nonlinear Effects for the Wave-Induced Drift Loads on an FPSO
Mildal	Simen Diserud	Erikstad	Stein Ove	Sammenligning av ulike lastearrangement for vindturbinkomponenter på et transportfartøy med fokus på stabilitet

Moen	Elise	Bachynski	Erin Elizabeth	Dynamic responses of monopile wind turbines subjected to nonlinear wave loads
Moen	Frode	Greco	Marilena	Experimental Analysis of Sea-bass Hydrodynamics
Moltu	Signe Birch	Ludvigsen	Martin	Autonomous Behavior for Homingand Docking of Underwater Vehicles
Moum	Marius	Karbalaye Zadeh	Mehdi	Data-driven battery modeling of hybrid power systems for offshore vessels
Mundal	Harald Stangeland	Erikstad	Stein Ove	An Investigation of Offshore Wind Maintenance Strategies by Considering the Fleet Size and Mix
Myhre	Sigmund Nilsen	Asbjørnslett	Bjørn Egil	Autonomous Low-Emission Kelp Farm Vessel
Møgster	Halvor Njåstad	Kristiansen	Trygve	Study of a novel fish farm concept consisting of a large-volume spar and nets
Nakstad	Ingeranne Strøm	Gao	Zhen	Numerical Study for Single Blade Installation of an Offshore Wind Turbine
Nordvik	Jakob Synes	Pedersen	Eilif	Measurement, characterization and simulation of VOC emissions from crude oil loading, transport and discharge from Persian Gulf by ship
Nygård	Carina	Asbjørnslett	Bjørn Egil	An Investigation of Methods and Value of Information in Routing of Priority-Based Operations - Using a Rule-Based Routing Method Tested with Discrete Event Simulation
Odeen	Terese	Skjetne	Roger	Co-simulation of the propulsion system onboard the icebreaker Oden.
Olsen	Matias Bøe	Erikstad	Stein Ove	Designing a Value Robust Shuttle Tanker to Handle Environmental and Technical Uncertainty
Olsen	Øyvind Onestad	Kristiansen	Trygve	A Numerical Study of a Multi-torus Floating Solar Island Concept, with the use of Computer Programming
Ormevik	Andreas Breivik	Erikstad	Stein Ove	Using Optimization to Evaluate the Potential for Multimodal Cargo Distribution in a Regional Port
Os	Oliver Stugard	Karbalaye Zadeh	Mehdi	Intelligent Control Design for Power and Energy Management in Zero-Emission Autonomous Vessels
Paulsen	Magnus Feldt	Nguyen	Dong Trong	Control of a thruster assisted position mooring system for a semi-submersible with an asymmetric mooring configuration
Pettersen	Helene Orø	Amdahl	Jørgen	Assessment of Structural Damage due to Cryogenic Spill for FLNG Plants
Prestegårdshus	Gjermund	Erikstad	Stein Ove	Route modelling in coastal navigation for digital twins and digital platforms
Rindarøy	Emil Eikrem	Larsen	Kjell	Mooring Concepts for Floating Wind Turbines - Numerical Simulations of Innovative Solutions
Rindheim	Aina	Leira	Bernt Johan	Analysis of fire loading and bucklingresponse of an aluminium structuralmember in a ferry hull
Rindvoll	Sebastian Erik Løken	Erikstad	Stein Ove	Optimizing the Logistics of Floating Offshore Wind during Installation
Robsahm	Marius	Kristiansen	Trygve	Experimental Study of Splash Zone Wave Loads on a Combined Configuration of a Porous Plate and a Circular Cylinder
Rognstad	Andrea Therese	Gao	Zhen	Numerical Study for Single Blade Installation of an Offshore Wind Turbine
Rudi	Sindre	Erikstad	Stein Ove	A Real Option Approach to Value Flexibility in Ship Design
Rypestøl	Martin	Amdahl	Jørgen	Analysis of Floating Offshore Wind Turbine Subjected to Ship Collisions
Selen	Tor Øystein Berland	Erikstad	Stein Ove	Simulating installation logistics for wind turbines using feeder vessels
Shen	Shuyuan	Ludvigsen	Martin	Computer Vision Based Motion Estimation for ROVs
Sieber	Linda	Sævik	Svein	VIV fatigue of rigid spool for subsea template by a time domain model
Sissener	Jean Ivar Feden	Leira	Bernt Johan	Estimating the Fatigue Life of Typical Openings in Longitudinal Strength Members in an Early Design Phase
Sjøvaag	Hedda Sofie	Bachynski	Erin Elizabeth	Hydrodynamic Analysis of a Point Absorbing Wave Energy Converter in Heave and Surge
Sjåstad	Håvard Velle	Erikstad	Stein Ove	A Simulation Study of Installation Concepts for Floating Offshore Wind Farms
Skrede	Sindre Olsen	Leira	Bernt Johan	Application of Advanced Methods for ILI Data Denoising and Reliability Assessment of Corroding Pipelines
Skretting	Karoline Lilleås	Utne	Ingrid Bouwer	Feasibility of Offshore Solar Methanol
Skåre	Ola Gundersen	Erikstad	Stein Ove	Future-Proofing Cruise Ships by Designing for Flexibility
Solvik	Kristoffer Fjellvikås	Amdahl	Jørgen	Ship Collision and Earthquake Analysis of Monopile Offshore Wind Turbines
Stava	Simon	Amdahl	Jørgen	Lateral response controlfor large-diameter monopile offshore wind turbines
Stokke	Øyvind	Karbalaye Zadeh	Mehdi	Economic Control Design for Hybrid Electric Ships
Svensson	John Gustav	Sævik	Svein	Fatigue prediction models of Dynamic Power Cables by laboratory testing and FE analysis
Swan de Freitas	Caio	Skjetne	Roger	Control-Oriented Modelling for the Conversion of Surface Vessels to Unmanned
Søgaard	Thomas Henning Furnes	Erikstad	Stein Ove	Zero-emission ready
Teige	Daniel	Amdahl	Jørgen	Modelling and Estimation of Shallow Water Wave Loads and Load Effects on Large Volume Structures
Tellevik	Lasse	Amdahl	Jørgen	Analyses of ship collisions between an FPSO and an offshore supply vessel
Tiyip	Ekrem	Amdahl	Jørgen	Short-simulation approach for floating wind tubine design load case
Tjøm	Karianne Skudal	Sørensen	Asgeir Johan	Guidance and Decision Making using MachineLearning for Small Autonomous Ships
Tolaas	Svanhild Toppe	Kristiansen	Trygve	A Numerical and Theoretical Study of a Multi-torus Solar Island Concept
Tysdahl	Even Ødegaard	Vinnem	Jan-Erik	A BBN Risk Analysis of Cruise Ship Groundings in Northern Norway during Winter
Utkilen	Carl Ove	Asbjørnslett	Bjørn Egil	Predicting Ship Turnaround Times with Machine Learning
van Binsbergen	Dirk Willem	Rasekhi Nejad	Amir	Effects of Induction and Wake Steering Control on Drivetrain Fatigue and Wind Farm Power Production
Van der Drift	Maarten Johan Gerben	Gao	Zhen	Fault Detection of Drive Trains in 10 MW Offshore Wind Turbines using Non-Traditional Methods
Van Essen	Thijs	Gao	Zhen	Monopile Installation Using a Motion-Compensated Gripper Frame on a DP Vessel
Vasanthan	Chanjei	Nguyen	Dong Trong	Combining Supervised Learning and Digital Twin for Path-planning with Dynamic Obstacle-avoidance
Vegsund	Monica	Steen	Sverre	Improving "walk-to-work" gangway operation through ship design optimization
Vestre	Synne	Asbjørnslett	Bjørn Egil	The Fishing Vessel - Optimising Design and Functionality Based on Profit Optimisation of Fishery Selection, Routing and Change of Equipment Configuration
Vinje	Erik Ferdinand Jebsen	Erikstad	Stein Ove	Expanding Offshore Wind Farms with Hydrogen Production and Storage
Vollan	Erlend Røilid	Ludvigsen	Martin	Visual Simultaneous Localization and Mapping Applied on Work Class ROVs
Voster	Jon Kristian	Kristiansen	Trygve	Experimental and Numerical Investigations of Hydrodynamic Loads on Perforated Plates Subjected to Irregular Forced Oscillations
Vottestad	Karoline	Kristiansen	Trygve	Experimental Study of Hydrodynamic Loads on Ventilated Plates Near the Free Surface
Waldum	Ambjørn Grimsrud	Ludvigsen	Martin	Sonar EKF-SLAM and mapping in unstructured underwater environment
Wang	Xintong	Amdahl	Jørgen	Analysis of Iceberg-Structure Interaction During Impacts
Xia	Julia	Sævik	Svein	On-Bottom Hydrodynamic Stability of Offshore Pipelines Performing 3D Analysis in SIMLA
Yague Martin	Adrian	Rasekhi Nejad	Amir	Prognosis and fault detection of drivetrains in medium-speed 10-MW Floating Wind Turbines
Zhou	Hongyu	Skjetne	Roger	Autonomous guidance, stepwise path planning, and path-following control with anti-collision for autonomous marine robots
Øien	Kristin Eide	Koushan	Kourosh	INVESTIGATION OF PERFORMANCE OFHIGH LIFT RUDDERS IN COMPARISONWITH STANDARD MANOEUVRINGEQUIPMENT
Øvereng	Simen Sem	Nguyen	Dong Trong	Dynamic Positioning using Deep Reinforcement Learning
Øverås	Sebastian Thorsen	Karbalaye Zadeh	Mehdi	Intelligent Control Design for Power and Energy Management in Zero-Emission Autonomous Vessels
Øyen	Karin Assev	Kim	Ekaterina	Assessment of Operational Risks in Polar Areas – Risk Assessment using the Polar Operational Limits Assessment Risk Indexing System (POLARIS) and Predictive Simulations