

KANDIDAT	VEILEDER	TITTEL
Akselsen, Cathrine	Erikstad, Stein Ove	Optimization of Onshore Base and Hub Location Supplying Oil and Gas Installations in the Barents Sea
Andersson, Christian	Sævik, Svein	Rigid Pipelay Curve Stability
Arnhus, Magnus	Vinnem, Jan Erik	Modeling of Technical, Human and Organizational Factors and Barriers in Marine Systems Failure Risk
Bahar, Md Habibullah	Amdahl, Jørgen	Analytical & Numerical Analysis of Ship/FPSO Side Structures Subjected to Extreme Loading with Emphasis of Ice Actions
Bense, Marvin Phillip	Moan, Torgeir	Comparison of Numerical Simulation and Model Test for Integrated Installation of GBS Wind Turbine
Bergstad, Andreas	Leira, Bernt Johan	Assessment of Hull Response due to Impact from Falling Object
Bertelsen, Torleif Ølund	Greco, Marilena	Installation of large subsea structures
Bjerkholt, Runa Folvik	Sævik, Svein	Analysis of ROV Lift Operation
Bjørneset, Solveig	Sørensen, Asgeir Johan	Modelling and Control of Thruster Assisted Position Mooring System for a Semi-submersible
Bollestad, Geir Inge	Leira, Bernt Johan	Extreme Value Analysis of Riser Systems for large Water Depths
Brandt, Ulrikke	Sævik, Svein	Impact analysis of flexible riser
Brauer, Simon Adrian	Moan, Torgeir	Damage Identification of an Offshore Wind Turbine Jacket Support Structure
Braun, Moritz	Moan, Torgeir	Fatigue Assessment of Threaded Riser Connections
Breivik, Tommy	Erikstad, Stein Ove	Electric Cable Ferry
Brodtkorb, Astrid Helene	Sørensen, Asgeir Johan	Dynamic Positioning in Extreme Sea States
Buberg, Thomas	Leira, Bernt Johan	Design and Analysis of Steel Catenary Riser Systems for Deep Waters
Bækkedal, Eivind	Amdahl, Jørgen	Alternative methods of realizing the sea spectrum for time-domain simulations of marine structures in irregular seas
Bøe, Vegard	Larsen, Carl Martin	Vibration Analysis of Superstructures on Supply Vessels
Chen, Jinchao	Larsen, Carl Martin	Non-linear Wave Loads on Offshore Wind Support Structure
Chen, Ying	Moan, Torgeir	Bucket Foundation in Clay for OWT Subjected to Combined Cyclic Loads
Cook, Timothy Wade	Moan, Torgeir	Buckling of Cylindrical Shells with a Granular Core Under Global Bending
Dahl, Sindre Misund	Myrhaug, Dag	Unsteady RANS Simulation of Flow around Rectangular Cylinders with different Aspect Ratios at High Reynolds Number
Dashtizadeh, Leila	Leira, Bernt Johan	Estimation of the Long-Term Extreme Response of Drilling Riser by the Contour Line Method
Deac, Marius	Moan, Torgeir	Design and analysis of a large wind floater
Dekker, Marijn Johannes	Moan, Torgeir	The Modelling of Suction Caisson Foundations for Multi-Footed Structures
Drægebø, Elisabeth	Utne, Ingrid Bouwer	Reliability Analysis of Blowout Preventer Systems
Elger, David Emanuel	Holm, Håvard	Experimental investigation of the superposition principle for a free surface roll damping tank
Erstad, Camilla	Utne, Ingrid Bouwer	Tilstandsbasert vedlikehold på tørrgasstetninger
Eskild, Hege	Steen, Sverre	Development of a Method for Weather Routing of Ships
Fagnastøl, Øyvind Sæbø	Leira, Bernt Johan	Approaches for assessment of weld fatigue and verification of the effective notch stress approach
Fekene, Marius Kongsfjell	Erikstad, Stein Ove	Supply Chain Design under Uncertainty
Folgerø-Holm, Jon Andreas	Utne, Ingrid Bouwer	Long Term Scheduling of Major Renewals
Fu, Ping	Myrhaug, Dag	SCOUR BELOW PIPELINES AND AROUND VERTICAL PILES DUE TO RANDOM WAVES PLUS CURRENT ON MILD SLOPES
Fæhn, Anna Kristine Hertenberg	Leira, Bernt Johan	Dynamic Analysis and Verification of the Universal Buoyancy System
Førde, Daniel Andre S	Vinnem, Jan Erik	Modelling and Simulation of Ballast System on a Semi- Submersible Platform
Galaxy, Tri Buana	Utne, Ingrid Bouwer	Ship Energy Efficiency and CO2 Abatement Cost Analysis
Gan, Xiao	Larsen, Carl Martin	STATISTICS OF BENDING MOMENT IN THE SPLASH ZONE OF A TENSIONED RISER
Garnås, Sindre Joakim	Erikstad, Stein Ove	Benefits and Barriers using Operations Research based Decision Support Software in Dry Bulk Chartering
Gedde, Steffen Tellugen	Erikstad, Stein Ove	Contractual and Economical Consequences of LNG Boil-Off Quality
Gottschal, Espen Joris	Skjetne, Roger	Dynamic Thrust Allocation
Grue, Ida Håøy	Steen, Sverre	Loads on the Gravity-net-cage from Waves and Currents
Grøtv, Tom Are	Sævik, Svein	Fatigue of Flexible Risers Considering Alternative Constitutive Models
Gåsemyr, Øyvind Rønneberg	Pedersen, Eilif	Modeling of Hybrid Marine Electric Propulsion Systems

Hagen, Hilde Christine	Sørensen, Asgeir Johan	Feasibility Study on Active Wave Compensation of ROV
Hasfjord, Steffen	Steen, Sverre	Optimization of propeller pitch and revolutions in behind condition
Hasund, Mattias Asbjørn	Leira, Bernt Johan	Dynamisk analyse av modul i bølgesonen
Hauff, Kristian Stenvågnes	Utne, Ingrid Bouwer	Analysis of Loss of Position Incidents for Dynamically Operated Vessels
Haugen, Ine	Leira, Bernt Johan	Analysis of Hull Structure Response for a Sevan Arctic Mobile Drilling Unit in Arctic Areas subjected to Ice Loading
He, Zhengmin	Amdahl, Jørgen	Analysis and design of the SEVAN FPSO against extreme ice actions
Heffermehl, Fredrik Stang	Asbjørnslett, Bjørn Egil	Arctic Drilling Discrete Event Simulation
Hegseth, John Marius	Larsen, Carl Martin	Assessment of Uncertainties in Estimated Wellhead Fatigue
Heian, Mats Johan	Erikstad, Stein Ove	Factors Influencing Machinery System Selection for Complex Operational Profiles
Heiervang, Mads Fredrik	Amdahl, Jørgen	Time Domain Analysis of Fish Farms Subjected to Extreme Environmental Conditions
Helland, Øystein	Amdahl, Jørgen	Review of IACS Unified Requirements for Design of Polar Ships against Ice Loads
Henriksen, Eirik Hexeberg	Sørensen, Asgeir Johan	ROV Control System for Positioning of Subsea Modules
Hermanrud, Lars	Larsen, Carl Martin	DYNAMIC ANALYSIS OF WORKOVER RISER UNDER UNEXPECTED CONDITIONS
Holgerson, Lars Kristian	Utne, Ingrid Bouwer	Performance Monitoring in Teekay Petrojarl
Hoque, Md Emdadul	Leira, Bernt Johan	Dynamic Response of Ship Hull due to Slamming
Hossain, Md. Jahangir	Leira, Bernt Johan	Effects of Pretension in Bolt for a Slewing Bearing
Huang, Yankang	Larsen, Carl Martin	Higher Order Frequency Component in VIV
Hustveit, Bjarte	Sørensen, Asgeir Johan	Kombinert modelbasert og sensorbasert observer for undervannsfartøy
Hvidsten, Erik	Steen, Sverre	Development of a numerical simulation model of the forces on ventilating propellers
Hystad, Ida	Holm, Håvard	Numerical Modelling of Turbulent Boundary Layer
Håland, Sigve	Greco, Marilena	Lowering and lifting operations through moonpools: Hydrodynamic investigations
Jacobsen, Heidi	Amdahl, Jørgen	Structural Design Considerations for an Ice Resistant Semi Submersible Drilling Rig
Kajanus, Robert	Skjetne, Roger	Optimal recursive thrust allocation applied for ROV Minerva
K. Lundborg, Magne Erik	Vinnem, Jan Erik	Human Technical Factors in FPSO-Shuttle Tanker interactions and their influence on the Collision Risk during Operations in the North Sea
Keane, Andre Christian	Erikstad, Stein Ove	Using Epoch Era Analysis in the Design of the Next Generation Offshore Subsea Construction Vessels
Kinge, Helene Ruth Minet	Larsen, Carl Martin	SIMULATION OF RISER DISCONNECTION IN STOCHASTIC WAVES
Klemetzen, Jonas Havnes	Leira, Bernt Johan	Load Charts Calculations for Offshore Pedestal Cranes by Motion Response Analysis
Knudsen, Tor Huse	Holm, Håvard	Wake flow behind a curved cylinder
Knutsen, Mats Foss	Amdahl, Jørgen	Time Domain Analysis of Fish Farms Subjected to Extreme Environmental Conditions
Konstali, Ørjan	Amdahl, Jørgen	Analysis and Design of Ship Collision Barriers on a Submerged Floating Tunnel subjected to Large Ship Collisions
Kramer, Jarle Andre	Steen, Sverre	Hydrodynamic performance of sail-assisted merchant vessels
Kristiansen, Vegard	Erikstad, Stein Ove	Modulbasert design av fiskefartøy
Kristoffersen, Simen Svare	Erikstad, Stein Ove	System Based Design for Mobile Offshore Units
Krossholm, Andreas Kleven	Pedersen, Eilif	Ice Load Impact on the Power Train of Azimuth Propulsion Systems
Kvale, Jørgen Mathiesen	Berg, Tor Einar	Revised simulation model for a Very Large Crude Carrier (VLCC)
Lauritzsen, Martin	Sørensen, Asgeir Johan	Hardware-in-the-Loop Testing Systems for ROV Control Systems
Li, Hongtao	Myrhaug, Dag	Statistics of surf parameter and wave power for individual waves
Liu, Shijie	Sævik, Svein	Fatigue Study of Copper Conductors
Liu, Xiaoli	Sævik, Svein	Sammenligning av moment og spiralmodeller for utmatningsanalyse av fleksible stigerør
Liu, Xueying	Sævik, Svein	Dynamic Response of Flexible Pipes Considering Different Damping Models
Lome, Ingrid Brandtsegg	Steen, Sverre	Validation of a Combined Wind and Wave Power Installation
Lyngra, Nora Helen Lund	Amdahl, Jørgen	Analysis of Ice-Induced Damages to a Cargo Carrier and Implications wrt. Rule Requirements
Lønne, Lars	Sørensen, Asgeir Johan	Development of an Irradiance Sensor Based on a Photon Counting Camera
Ma, Meilin	Amdahl, Jørgen	Damage Assessment of Sevan FPSO Subjected to Impacts From Shuttle Tankers

Magnussen, Eivind Tørset	Larsen, Carl Martin	Analysis of Low-Frequency Damping in Mooring Lines for Floating Production Units
Marin, Traian Ionut	Moan, Torgeir	Fatigue Analysis of the Column-Pontoon Connection in a Semi-Submersible Floating Wind Turbine
Marken, Vegard Brevik	Ehlers, Soren	A Bow-Tie-Based Analysis of the Risk of Delays Along the Northern Sea Route
Marley, Mathias Huuse	Skjetne, Roger	Modelling and Robust Control of Production Force of a Wave Energy Converter
Matland, Arild Eriksen	Amdahl, Jørgen	Simulation of Marine Lifting Operations with Focus on Structural Response Control
Midthaug, Asgeir Hovdelien	Amdahl, Jørgen	Nonlinear Wave Loads on Offshore Wind Turbines in Storm Condition
Moen, Fredrik Storflor	Larsen, Carl Martin	Hybrid testing of deep water moored structures
Moheudden, Sharif Mohammad	Sævik, Svein	Snaking Behavior of Umbilicals
Moss, Andreas Rolland	Berg, Tor Einar	Simulation model for an LNG ferry
Nedrebø, Eirik Leikvoll	Myrhaug, Dag	Experimental Investigation of Marine Fouling on Piles in Currents
Nikolaisen, Svein Roald	Utne, Ingrid Bouwer	Life Cycle Cost Comparison Study
Nilsen, Øystein Grov	Karlsen, Ludvig	Flexibility in Ship Design
Nyhus, Ole Jonny	Ellingsen, Harald	Life Cycle Assessment of Farmed Salmon, Comparing a Closed with an Open Sea Cage System
Odland, Kristian Bergem	Hagen, Arnulf	Risk Management in Shipbuilding Projects
Olafsen, Helle Kristine H	Sørensen, Asgeir Johan	Control of Thruster Assisted Position Mooring System on Floating Production Storage and Offloading
Olsen, Thomas Brækkan	Pedersen, Eilif	Utslipp til luft og NOx - reduksjon på grunn av NEA på Marine dieselmotorer
Orsten, Andreas	Skjetne, Roger	Automatic Reliability-based Control of Iceberg Towing in Open Waters
Palmer, Christian	Utne, Ingrid Bouwer	Asset Integrity
Paulshus, Øivind	Steen, Sverre	Critical Assessment of Non-linear Wave Loads in the Design of Offshore Wind Turbines
Rahman, Ahnaf	Leira, Bernt Johan	Dynamic Analysis of Floating Bridges with Transverse pontoons
Rasmussen, Simen Kleven	Amdahl, Jørgen	Assessment of structural damage due to cryogenic spill for FLNG plants
Ringheim, Paul Anders Haug	Erikstad, Stein Ove	Improving Ship Operational Efficiency by Statistical Analysis of Voyage Data
Rode, Henrik Mikael	Asbjørnslett, Bjørn Egil	Arctic Drilling Discrete Event Simulation
Rohde, Anders	Valland, Harald	Thermodynamical Analysis Tool in MATLAB
Rokseth, Børge	Pedersen, Eilif	A Bond Graph Approach for Modelling Systems of Rigid Bodies in Spatial Motion
Rosnes, Aleksander	Utne, Ingrid Bouwer	Risikobasert Inspeksjon (RBI)
Shi, Yunzhu	Sævik, Svein	Comparison of the stress distribution in the metallic layers of flexible pipes using two alternative Bflex formulations
Simonsen, Eirik	Pedersen, Eilif	Active Magnetic Radial Bearings Applied To Rotor Dynamics
Skarbø, Runa A.	Ehlers, Soren	Emission Reduction Technology and Cost Efficiency for Ships Operating on the Northern Sea Route
Skjong, Stian	Pedersen, Eilif	Modeling, Simulation and Control of Hydraulic Winch System
Slagstad, Martin	Amdahl, Jørgen	Accidental Impact Resistance of non-disconnectable bouy type FPSO
Slettevold, Yngvild	Steen, Sverre	Determination of Minimum Propulsion Power to Maintain the Manoeuvrability of Ships in Adverse Conditions
Spence, Silas	Pettersen, Bjørnar	Numerical Investigation of Free Surface Flows
Staalesen, Odd Eivind Solø	Sævik, Svein	Investigation on the Performance of the Universal Buoyancy System
Stavnem, Ole Alexander	Steen, Sverre	Modelling of Loads and Responses of a Permaskirt on a Flexible Net Cage Fish Farm
Stendebakken, Oda Ingeborg	Vinnem, Jan Erik	A reliability study of a Deepwater Vertical Xmas Tree with attention to XT retrieval rate
Stettner, Oliver	Moan, Torgeir	Numerical Simulation for Installation of Jacket Foundation of Offshore Wind Turbines
Straume, Jonas Gullaksen	Amdahl, Jørgen	Dynamic buckling of marine structures
Sunde, Christian Heimdal	Schjøelberg, Ingrid	3D visualization of autonomous underwater robots
Sørgård, Ellen Helene	Fagerholt, Kjetil	Emission Control Areas: Effect on the Fleet Renewal Problem
Thieme, Christoph	Utne, Ingrid Bouwer	Development of a Risk Management Process for NTNU's REMUS 100 AUV
Thomassen, Øystein Sunde	Steen, Sverre	Sensitivity Analysis of large Rotor Diameter on Offshore Wind Turbines with Suction Foundation
Tran, Nam Dinh	Skjetne, Roger	Line-Of-Sight-based maneuvering control design, implementation, and experimental testing for the model ship C/S Enterprise I.
Trøen, Tine Louise	Steen, Sverre	Fatigue Loads on Large Diameter Monopile Foundations of Offshore Wind Turbines

Tufte, Espen Dalsøren	Valland, Harald	Impacts of Low Load Operation of Modern Four-Stroke Diesel Engines in Generator Configuration
Tuset, Georg Duvsete	Vinnem, Jan Erik	Operational Barrier Elements in Critical Drilling Operations
Tutturen, Svenn Are	Skjetne, Roger	Topics in dynamic positioning
Tvare, Øyvind	Moan, Torgeir	Fatigue Analysis of Column-Pontoon Connection in a Semi-submersible Floating Wind Turbine
Ulstein, Mads	Ehlers, Soren	A simulation-based decision support tool for arctic field logistics
Vandervaeren, Nathan	Sørensen, Asgeir Johan	Distributed Control of a Drifting Formation of Autonomous Underwater Vehicles
Verheugt, Bas	Moan, Torgeir	Efficient Response Simulation Strategies for Jacket-based Offshore Wind Turbines
Vik, Bjørn Eliassen	Pedersen, Eilif	Development and Verification of a Gesilinger Flexible Coupling Bond Graph Model
Vindenes, Arne	Leira, Bernt Johan	Parametric Studies of Dynamic Response for a Workover Riser
Wang, Lidong	Sævik, Svein	Comparing alternative flexible pipe fatigue stress models with focus on the Bflex helix models
Wang, Qiang	Moan, Torgeir	Design and Dynamic Analysis of a Steel Pontoon-type Semi-submersible Floater Supporting the DTU 10MW Reference Turbine
Wattum, Sverre	Utne, Ingrid Bouwer	Reliability centered maintenance on the Norwegian continental shelf
Xing, Zheng	Moan, Torgeir	Response and Structural Analysis of a Flap-type Wave Energy Converter in a Combined Wind and Wave Concept
Yao, Tianzuo	Haver, Sverre Kristian	Uncertainties In Predicted Extreme Wave Induced Platform Response
Zhao, Jing	Sævik, Svein	Collapse Capacity of Corroded Pipelines
Zhou, chongyao	Sævik, Svein	Transverse tensile armour buckling of flexible pipes
Zhou, Chunqi	Amdahl, Jørgen	Ultimate Strength and Post-Ultimate Behavior of Hybrid Platform Deck Girders
Øyri, Torstein	Leira, Bernt Johan	Contour Methods for Deepwater Riser Systems