Candidate	Supervisor	Title
Alvenes, Fredrik	Thor I. Fossen	Attitude Observer-Controller Design for the NTNU Test Satellite
Bryne, Torleiv Håland	Thor I. Fossen	Fault-Tolerant Sensor Fusion Based on Inertial Measurements and GNSS
Bøhlerengen, Simen	Jørgen Amdahl	Probabilistic material modeling of iceberg for analysis of accidental impacts with ships and offshore structures
Dahl, Andreas	Thor I. Fossen	Path Planning and Guidance for Marine Surface Vehicles
Dybsjord, Kerrin Andre	Thor I. Fossen	Fault Tolerant UAV Flight Control System
Dælen, Jon	Tor Arne Johansen	Nonlinear Model Predictive Control using Derivative-Free Optimization
El Jaaba, Mustapha	Jørgen Amdahl	Structural resistance of polar ships to ice loading. Discussion of the IACS Polar rules considering different structural and methodological aspects
Fossum, Trygve	Asgeir Johan Sørensen	Analysis and control of drilling riser dynamics in dual gradient drilling
Geyssel, Johannes	Marilena Greco	Numerical and Experimental Investigation of Parametric Roll
Hetland, Anders	Lars Struen Imsland	Estimation of Sea Ice Drift Velocity
Johannessen, Peter and Jordal, Lars Otto	Marilena Greco	Statistical Analysis of Design Loads for a Vessel: Slamming Loads
Klausen, Kristian	Thor I. Fossen	Cooperative Behavioural Control for Omni-Wheeled Robots: Experiments and Simulations for Formation Control with Obstacle and Collision Avoidance
Kristoffersen, Torstein T.	Lars Struen Imsland	Optimal and Stable Production og High Pressure Steam
Leira, Frederik Stendahl	Thor I. Fossen	Infared Object Detection and Tracking using UAV
Ljones, Tone	Lars Struen Imsland	Drilling mud property estimator
Luo, Yi	Marilena Greco	Numerical investigation of Wave-Body Interactions in Shallow water.
Løkseth, Espen	Tor Arne Johansen	Tilstandsovervåking av thrustersystemer for skip
Ma, Yao	Jørgen Amdahl	Ductility limits for tubular joints
Meese, Andreas Nordby	Jørgen Amdahl	Analysis of Ice-Induced Vibrations and Comparison with Full-Scale Experimental Data
Moe, Signe	Kristin Y. Pettersen	Path Following of underactuated marine vessels in the presence of ocean currents
Myhre, Torstein	Jørgen Amdahl	Iceberg shape characterization for damage assessment of accidental impacts with ships and offshore structures
Møgster, Johannes	Lars Struen Imsland	Bruk av MPC for MPD
Mørk, Anders Jordtveit	Lars Struen Imsland	Estimation of Formation Water rate using Unscented Kalman filtering with application to the Snøhvit Gas/Condensate Field
Nerbø, Viktor Mevold	Tor Arne Johansen	Power Management System for Offshore Crane
Raaen, Håvard Håkon	Lars Struen Imsland	Software Infrastructure for a UAV Testbed For Ice Management Guidance and Estimation
Richardsen, Truls Dahl	Jørgen Amdahl	Structural Mechanics and Numerical Simulation of Ship Grounding
Rindarøy, Martin	Tor Arne Johansen	Fuel Optimal Thrust Allocation In Dynamic Positioning
Rosenlund, Even	Marilena Greco	Nonlinear Hydrodynamic Effects for bottom-Fixed Wind Turbines
Rønneberg, Frode	Lars Struen Imsland	Techniques for efficient covariance propagation in the Extended/Unscented Kalman Filter
Stokkeland Storås, Lina Marie	Jørgen Amdahl	Steel weight optimization with respect to stiffener spacing and plate thickness of mid ship structure for cargo vessels
Strand, Ida Marlen	Asgeir Johan Sørensen	Modeling of Hydroelastic Response of Closed Flexible Fish Cages due to Sea Loads
Sætre, Jan Børge Mork	Jørgen Amdahl	Collision Between Platform Deck and Service Vessel Wheelhouse
Sørbø, Eivind Hope	Thor I. Fossen	Vehicle Collision Avoidance System
Vintervold, Ylva Stokke	Lars Struen Imsland	Camera-Based Integrated Indoor Positioning
Wilhelmsen, Matias	Lars Struen Imsland	Control Structure and Tuning Method Design for suppressing Disturbance in a multi-phase
Wold, Henrik Emil	Lars Struen Imsland	Thrust allocation for DP in ice
Øvrebø Paal, Lohne	Asgeir Johan Sørensen	Study of Critical Imaging Parameters and Variables for Environmental Monitoring Using an ROV with Experimental Results