

NAME	DEGREE	YEAR	SUPERVISORS	Thesis Title
Schipper, K.J.	M.Eng.	1971	Pearson	A Goal Oriented Decision Making Framework for Highway Development
McLean, J.A.	M.Eng.	1971	Pearson	Airport Investment Planning in Newfoundland
Butler, R. J.	M.Eng.	1972	Ahuja	A Heuristic Method of Equipment Acquisition for Maximum Profit
Bradbrook, F.J.	M.Eng.	1972	Andrews	Urban Travel Demands Created by Schools in the City of St. John's
Sen, M.	M.Eng.	1972	Pai	Application of Graph Theoretic Concepts in Short Circuit Analysis of Power Systems
Frampton, G.E.	M.Eng.	1973	Ahuja	A Material Expediting System for Use in the Construction Industry
Russell, W.E.	M.Eng.	1973	Dempster	Current Studies in the Labrador Current with Respect to Motion of Icebergs
Sheppard, R.E.	M.Eng.	1974	Ahuja	A Nurse Scheduling System
Holden, B.J.	M.Eng.	1974	Allen	Some Observations on the Labrador Current at Saglek, Labrador
Tiffin, S.	M.Eng.	1974	Dempster	An Instrument to Measure Turbulence from an Underwater Habitat
Dayal, Umesh	Ph.D.	1974	Allen	Instrumented Impact Cone Penetrometer
Chari, T.R.	Ph.D.	1975	Allen	Some Geotechnical Aspects of Iceberg Groundings
Moselhi, O.E.	M.Eng.	1975	Reddy	Finite Element Analysis of Dynamic Structure-Medium Interaction with Some Reference to Underground Nuclear Reactor Containments
Tamura, Y.	M.Eng.	1975	Ahuja	Resource Levelling
Newbury, A.D.	M.Eng.	1975	Amaria	Materials Handling Systems to Increase Productivity of the Inshore Fishery
Goosney, R.J.	M.Eng.	1975	Amaria	The Machining of Inconel X-750 Steel Using Copper Sulfate Electrolyte as a Cutting Fluid
Srivastava, V.K.	Ph.D.	1975	Molgaard	An Examination of the Role of Oxygen in the Wear of Ferrous Alloys
Cheema, P.S.	M.Eng.	1976	Ahuja	Analysis of the Recorded Data on the Drift of Icebergs
Moores, R.D.	M.Eng.	1976	Amaria	A Comparative Study of the Theoretical and Actual Methods of Establishing Standard Times for Crab Processing
Clarke, J.R.	M.Eng.	1976	Ahuja	Q-GERTS Simulation of Hardrock Undersea Tunnelling (Q-SHUT)
Gill, R.J.	M.Eng.	1976	Peters	The Freezing of Fish Fillets of Irregular Geometry with Applications to Commercial Practice
Sheha, S.A.E.	M.Eng.	1976	Reddy	Static and Dynamic Finite Element Analysis of Underground Cavities with Some Reference to Nuclear Containments
Dhar, A.	M.Eng.	1977	Amaria	Corporate Dividend Policy
El Tahan, H.W.M.	M.Eng.	1977	Reddy	Dynamic Analysis of the Cut and Cover Type Underground Nuclear Reactor Containment
Haldar, A.K.	M.Eng.	1977	Reddy	Dynamic Response of a Framed Offshore Tower to Ice Forces Considering Nonlinear Soil-Structure Interaction
Srivastava, S.K.	M.Eng.	1977	Walsh	Analysis of Linear Antenna Systems: A Different Approach
King, H.W.	M.Eng.	1977	Amaria	A Study of Some Factors Affecting Normal Output Rate and Percentage Yield of Filletting Cod
Soulis, E.D.	M.Eng.	1977	Dempster	Modelling of Iceberg Drift Using Wind and Current Measurements at a Fixed Station
Hamza, H.E.	M.Eng.	1977	Sodhi	Buckling Analysis of Semi-Infinite Ice Sheet
Reddy, S.V.B.	M.Eng.	1977	Sodhi	Finite Element Formulation of Vicious Sea Ice Model
White, L.H.	M.Eng.	1978	Kierans	A Method for Evaluating Industrial Location Alternatives
Ragab, A.M.	M.Eng.	1978	Reddy	The Dynamical Behaviour of Fixed Offshore Structures Using the Whittrick-Williams Algorithm (Nonlinear Eigenvalue Solution)
Boone, A.H.	M.Eng.	1978	Amaria	A Simulation Study of the Dynamic Behaviour of a Newfoundland Seasonal Fish Processing Operation
MacIsaac, R.R.	M.Eng.	1978	Dunsiger	Identification of Ocean Bottom Sediments Through Measurements of Coherence of Acoustic Echoes
Chaudhuri, S.N.	M.Eng.	1979	Chari	Free Fall Impact Penetration Tests on Soils
Abdel Salam, M.N.	M.Eng.	1979	Chari	Soil Structure Interaction in Laterally Loaded Piles
Abel Gawad, S.M.	M.Eng.	1979	Chari	Static Penetration Resistance of Soils
Aboustit, B.L.	M.Eng.	1979	Reddy	Finite Element Linear Programming Approach to Foundation Shakedown
Lee, S.C.	M.Eng.	1979	Reddy	Reduction of Offshore Platform Response with a Liquid Vibration Absorber and Seismic Response of Elevated Liquid Storage Tanks
Lee, J.J.	M.Eng.	1979	Wilson	Melting of a Vertical Ice Wall by Natural Convection into Pure of Saline Water
Barbour, R.L.	M.Eng.	1979	Zielinski	Underwater Acoustic Swept Carrier Communications
Rangar, R.S.	M.Eng.	1979	Ahuja	Project Management Informatin System for Ocean Research Projects
Wellon, O.K.	M.Eng.	1979	El Hawary	The Alpha-Modified Quasi-Second Order Newton-Raphson Method for Load Flow Solutions in Rectangular Form
Abedin, Z.	M.Eng.	1979	Ahuja	Decision Model for a Construction Contractor to Develop or Buy Cost Control Software
Sarna, S.K.	M.Eng.	1979	Amaria	Investigation of Some Factors Affecting Physiological Load and Work Performance of Fish Filletting Operators
Guha, S.N.	M.Eng.	1979	Chari	Breakout of Objects from Underconsolidated Sediments
Fancey, E.G.	M.Eng.	1979	Molgaard	Teaching Aids in Tribology
Chen, C.M.	M.Eng.	1979	Muggeridge	Calibration of a 200 Ft Wave Tank and a Study of the Response of a Circular Cylinder to Sinusoidal Waves
Nell, P.G.	M.Eng.	1980	Ahuja	Owner's Cost Control System Selection Methodology
El Tahan, M. (Ms.)	M.Eng.	1980	Sodhi	Modelling Iceberg Drifts
Abdel Gawad, S. (Ms.)	M.Eng.	1980	White	Correlation Between Geotechnical and Acoustic Properties of Marine Sediments: Outer Placentia Bay, Newfoundland
Cobb, I.	M.Eng.	1980	Dunsiger	Electronics Beam Stabilization and Scanning of Hull-Mounted Echo-Sounders
Mansour, S.Y.	M.Eng.	1980	El Hawary	Parameter Estimation and Optimization for Active and Active-Reactive Dispatch in Electric Power Systems
Gowda, S.D.	M.Eng.	1980	Rahman	Digital Modelling for Performance Prediction of Hysteresis Motor
Ahmed, M.F.	M.Eng.	1980	Reddy	Ultimate Load Behaviour of Internally Pressurized 'Cut-and-Cover' Orthotropic Reactor Containment
Nasr, N.H. (Mrs.)	M.Eng.	1980	Walsh	The Effect of Different Weighting Functions When Using the Method of Moments in Linear Antenna Analysis: A Different Approach
Srivastava, P.K.	M.Eng.	1980	Wilson	Buoyancy Effects of Heat, Mass and Momentum During the Melting of a Horizontal Ice Sheet Above Fresh or Saline Water Flowing at Laminar Reynolds Numbers
Deva, N.	M.Eng.	1980	Wilson	Design Construction and Testing of a Heat Loop for Study of Fouling and its Interrelationship to Corrosion in Heat Exchange Tubes
Thangam Babu, P.V.	Ph.D.	1981	Reddy	Dynamic Fluid-Structure Interaction Analysis of Floating Platforms
Pilgrim, R.W.	M.Eng.	1981	Andrews	Modelling Intercity Bus Passenger Travel Demand in Newfoundland
El Hawary, F.M. (Ms.)	Ph.D.	1981	Vetter	Modelling and Signal Processing for Identification of Ocean Subsurface Features from Acoustic Reflections
Tarrant, D.R.	M.Eng.	1982	Amaria	Dynamic Simulation Model of a Local Switching Network
Marshall, M.A.	M.Eng.	1982	Booton/Christian	Structural Integrity Monitoring of a Fixed Bottom Frame Tower
Hamza, H.E.	Ph.D.	1982	Muggeridge	Creep, Failure and Fracture of Ice

Howse, E.D.	M.Eng.	1982	Zielinski	A Digital Acoustic Underwater Communication System
Worsfold, R.D.	M.Eng.	1982	Zielinski	Surface and Airborne Infrared Detection of Sea Ice Hazards
Murray, J.J.	M.Eng.	1982	Muggeridge	Motion Analysis and Model Study of a Guyed Tower Structure in Regular Waves
Grande, O.H.	M.Eng.	1983	Muggeridge	Model Study of Wave Propagation in a Continuous Ice Sheet
Little, T.A.	M.Eng.	1983	Rahman	Design and Analysis of Permanent Magnet Synchronous Motors
Ryan, J.P.	M.Eng.	1983	Walsh	The Electromagnetic Scattering from a Vertical Discontinuity with Application to Ice Hazard Detection - An Operator Expansion Approach
Wishahy, M.A. M.A.	M.Eng.	1983	Arockiasamy	Guyed Tower Response to Irregular Waves Considering Linear and Nonlinear Mooring Cables
Walsh, K.	M.Eng.	1983	El Hawary	Economic Operation of Variable Head Hydro-Thermal Electric Power Systems Using Newton Method
Aboul Azm, A.	M.Eng.	1983	Hsiung	Drift of Icebergs Affected by Wave Action
Green, H.P.	M.Eng.	1984	Chari	Geotechnical Modelling of Iceberg-Seabed Interaction
Dawe, C.R.	M.Eng.	1984	Chari	Wave-Soil Tank Calibration and Geotechnical Studies of Seafloor Instability
Moody, D.B.	M.Eng.	1984	Friis	An Economic Analysis of Potential Forest Industry Development in Labrador
Tse, C.C.	M.Eng.	1984	Hsiung/Bass	Computation of the Motion and Drift Force for a Floating Body
Reddy, V.R.	M.Eng.	1984	Sharan	Dynamic Analysis of a Lathe Spindle
Srivastava, S.K.	Ph.D.	1984	Walsh	Scattering of High-Frequency Electromagnetic Wave from an Ocean Surface: An Alternative Approach Incorporating a Dipole Source
Snow, M.A. (Ms.)	M.Eng.	1984	Bajzak/Andrews	Economic Evaluation of an Integrated Sawlog-Pulpwood -Fuelwood Site on Bonavista Peninsula, Newfoundland
Choudhury, M.A.	M.Eng.	1984	Rahman/Quaicoe	An Analysis of Delta PWM Inverters
Arunachalam, V.	M.Eng.	1984	Ahuja	Risk Evaluation in Resource Allocation
Dawe, B.R.	M.Eng.	1984	Bajzak/Walsh	The Development of a Normalized Radar Cross Section Model for Icebergs
Singh, B.N.	M.Eng.	1984	El Hawary	Optimal Planning of Electrical Power Systems
Rideout, D.W.	M.Eng.	1984	Hopkins	Corrosion and Wear of Plates in the Production of Refiner Mechanical Pulp
Sen, D.	M.Eng.	1984	Hsiung	Prediction of Wave Loads and Motions of Floating Structures in Waves by Three Dimensional Flow Theory
Chuang, J.M.	M.Eng.	1984	Hsiung/Bass	Analysis of Ship Flow in an Ideal Fluid Using Gulloton's Method and Spline Functions
Azadeh Tehrani, A.R.	M.Eng.	1984	Muggeridge	Fracture Toughness of Freshwater Ice and Saline Ice
Dahanayake, B.W.	M.Eng.	1984	Vetter	An Investigation of Constant Velocity Gradient Effects in Seismic Analysis
Donnelly, R.	M.Eng.	1984	Walsh	Electromagnetic Scattering from a Halfspace Vertical Discontinuity: Operator Decomposition Approach
Gowda, S.S.	Ph.D.	1984	Arockiasamy	Analytical and Experimental Studies on Fatigue Behaviour of Tubular Joints in Offshore Structures
Prasad, K.S.R.	M.Eng.	1985	Chari	Analytical and Experimental Modelling of Iceberg Scours
Fonseka, K.J.P.	M.Eng.	1985	Ekanayake	Detection of Continuous Phase Frequency Shift Keyed Signals
Varghese, P.	M.Eng.	1985	Ekanayake	Effects of Cochannel Interference on MSK and OQPSK Signals in Satellite Channels
Higdon, C.J.	M.Eng.	1985	Muggeridge	Design of an Ocean Environmental Data Measurement Tower
El Tahan, H.W.M.	Ph.D.	1985	Arockiasamy	Dynamic Response of a Hydroelastic Model of a Typical Semi-Submersible to Waves and Bergy-Bit Impact
Haldar, A.K.	Ph.D.	1985	Arockiasamy	Finite Element Dynamic Shakedown Analysis of a Gravity Type Offshore Structure-Foundation System
Murray, J.J.	Ph.D.	1985	Muggeridge	The Effects of Wave Grouping on the Slow Drift Oscillations of Floating Moored Structures
Nandakumar, V.	M.Eng.	1985	Ahuja	Enhancing Reliability of Project Duration
Kantarcioglu, M.	M.Eng.	1985	Ahuja	Simplified Cost Control Techniques for Small and Medium Sized Building Contractors
Joglekar, N.	M.Eng.	1985	Booton	Effect of the Loss of Tether Stiffness on the Behaviour of a Tension Leg Platform
Sureshchandran, G.	M.Eng.	1985	Bruce Lockhart	Design of Low Cost, Local Microprocessor Network with a Central Disc
Joo, J.S.	M.Eng.	1985	Chari	Behaviour of Large Scale Rigid Model Piles Under Inclined Loads in Sand
Leung, A.K.	M.Eng.	1985	Christian	Structural Design and Analysis of Concrete Sandwich Panels and Their Practical Applications
Khan, Z.A.	M.Eng.	1985	Morin	Triaxial Parameters for Some Silts and Clays from Newfoundland Coast
Gangopadhyay, A.	M.Eng.	1985	Rahman	An Analysis for Digital Protection of Transformers
Raman Nair, W.W.	M.Eng.	1985	Sabin	Stress Analysis of a Porous Deformable Seabed Under Wave Loading
Sathyarayanan, G.	M.Eng.	1986	Krein	Feasibility Study of Jet Propulsion for Remote Operated Underwater Vehicles
Stone, B.	M.Eng.	1986	Muggeridge	An experimental Study of the Motion Response in Regular Waves of a Semisubmersible Under Damage Conditions
Subbiah, M.	M.Eng.	1986	Sharan	The Computer Aided Structural Design of the Robotic Manipulators
Neelakantan, V.	M.Eng.	1986	Sinha	Prolate Spheroidal Digital Filtering
Bhuyan, G.S.	Ph.D.	1986	Swamidas	Fatigue Life Prediction of Offshore Tubular T-Joints Using Fracture Mechanics Approach
Mir, S.U.	M.Eng.	1986	Campbell	Trends and Utilization of Computers in Construction Firms
Dutton, C.R. (Ms.)	M.Eng.	1986	Sharan	The Analytical and Experimental Studies of the Heat Transfer Around a Vertical Ice Wall in Fresh Water Near its Maximum Density
Reddy, B.S.	M.Eng.	1986	Sharan	The Computer-Aided Optimal Heating Schedule of Forging Ingots Using the Finite Element Method
Ruprai, M.	M.Eng.	1987	Chari	Behaviour of Model Flexible Piles Under Inclined Loads in Sand
Attwood, D.	M.Eng.	1987	Lever	Wave Induced Motion of Small Ice Masses
Liyanapathirana, R.	M.Eng.	1987	Ekanayake	Distance Properties of Uncoded and Coded Continuous Phase Frequency Shift Keyed Signals
Deb, A.	M.Eng.	1987	Booton	Finite Element Analysis of Stiffened Plates Using Mindlin's Theory
Deb, M.K.	M.Eng.	1987	Booton	Statics and Dynamics of a Tension Leg Platform in Intact and Tether Damage Conditions
Sankar, V.	M.Eng.	1987	Friis	Inlaps: An Integrated Layout Planning System, Some Algorithms for the FLP Using Quadratic Programming and Statistical Analysis
Smith, D.A.	M.Eng.	1987	Peters	Trawl Gear Performance and Net Drag Analysis with Application to Small Trawls and Vessels
Cooray, M.F.R.	M.Eng.	1987	Sinha	Electromagnetic Scattering by Dielectric Prolate Spheroids
Large, E.S.	M.Eng.	1987	Smith, W.G.	Optimization of the Cutting Action of a Spring Supported Sash Saw Through Computer Simulated Tooth Trace Analyses
Hoddinott, T.K.	M.Eng.	1987	Swamidas	Stochastic Finite Element Analysis Applied to Soil Media with Uncertain Material Properties
Caldera, M. (Ms.)	M.Eng.	1987	Zielinski/Ekanayake	Multi-Frequency Digital Communications In Underwater Channels
Stoneman, W.	M.Eng.	1988	Krein	Investigation of Remotely Operated Underwater Vehicle Motion and Computer Simulation
Sen, D.	Ph.D.	1988	Hinchey/Lever	A Numerical Method for Two-Dimensional Studies of Large Amplitude Motions of Floating Bodies in Steep Waves
Wishahy, M.A.-M.A.	Ph.D.	1988	Muggeridge	Time-Domain Numerical Simulation of the Motion of Small Floating Bodies Drifting in Waves

Srivastava, R.	M.Eng.	1988	Rahman	Software Controlled Delta PWM Inverters
Caldera, H.	M.Eng.	1988	Christian	Productivity Improvement Methods in Earthmoving Projects
Whitten, J.	M.Eng.	1988	Hinchey	Critical Speed Phenomena for Floating Ice Sheets
Monahan, C.	M.Eng.	1988	Hopkins	The Relative Severity of Natural and Synthetic Seawaters on Fatigue Crack Growth in Cathodically Protected Steel
Bahree, R.	M.Eng.	1988	Sharan	Analysis and Design of Rotor Blades Due to Transient Thermal and Vibratory Loads
Dawe, B.J.	M.Eng.	1988	Walsh	Radio Wave Propagation Over Earth: Field Calculations and an Implementation of the Roughness Effect
Srivastava, R.	M.Eng.	1988	Walsh	The Contribution of Multipathing Effects in Ground-Wave Radar Return from the Sea Surface
Thiagarajan, K.P.	M.Eng.	1989	Baddour	An Experimental Study on Higher Order Waves and Hydrodynamic Loading on Vertical Surface-Piercing Cylinders
Dunphy, P. (Ms.)	M.Eng.	1989	Hinchey/Snyder/Pawlowski	Second-Order Steady Drift of a Floating Triangular Platform: Theory and Experiment
Mak, L.	M.Eng.	1989	Lever/Hinchey/Hamoutene	An Experimental Study of Wave Induced Impacts of Bergy Bits with a Floating Production Platform
Lau, M.	M.Eng.	1989	Muggeridge	Ice Forces on Downward Breaking Cones
Aboul-Azm, A.	Ph.D.	1989	Muggeridge	Ship Resistanceto Ice Floe Covered Waters
Colbourne, D.B.	Ph.D.	1989	Lever	A Three Component Method of Analyzing Icebreaking Resistance
Song, S.	M.Eng.	1989	Baddour	A Model for the Two Dimensional Interaction Between Non-Linear Waves and Uniform Currents
Nancarrow, R.	M.Eng.	1989	Clark	Soi Structure Interaction Under the Influence of Wave Loading
Steel, M.A. (Ms.)	M.Eng.	1989	Clark/Morin	The Formation of Spray-Ice and Selection of Its Constituents Peoperties with Comparisons to Ice and Snow
Goteti, R.	M.Eng.	1989	Hinchey	An Exploratory Investigation of a Fre Fall Submissible Escape Capsule for an Offshore Oil rig
Yetman, R.	M.Eng.	1989	Hinchey	Wave Attenuation by the Deltaport Floating Breakwater
Abd El-Rahim, N.	M.Eng.	1989	Quaicoe	Single Phase Delta Modulated Inverter for Uninterruptible Power Supply Applications
Esmail, A.R.	M.Eng.	1989	Quaicoe/Rahman	Analysis and Design of Delta PWM Static AC to DC Converters
Jian, J.	M.Eng.	1989	Sharan	Computer-Aided Kinematic and Dynamic Analyses of Flexible Spatial Manipulators of Arbitrary Architecture
Muste, T.G.	M.Eng.	1989	Swamidas	Studies on Steel Fibre Reinforced Light Weigh Aggregate Concrete Subjected to Cold Ocean Environment
Choudhury, M.A.	Ph.D.	1989	Rahman	An Analysis of Delta Modulated Inverters with Inverters with Appliations to Submersible Motors
Veitch, B.	M.Eng.	1990	Bose	Experimental Results and Theoretical Predictions of Trochoidal Propeller Performance
Bennett, P.	M.Eng.	1990	Haddara	The Angle Dependence of the Roll Damping Moment
Hussein, A.	M.Eng.	1990	Marzouk	Behavior of Reinforced Concrete Slabs Made with High Strength Concrete
Mohan, S.	M.Eng.	1990	Marzouk	Strengthening of Wide-Flange Steel Columns Under Load
Qian, J.	M.Eng.	1990	Rahman	Microprocessor Implementation of Field Oriented Control for Permanent Magnet Hysterisis Synchronous Motor
Dhanaraj, C.	M.Eng.	1990	Sharan	Parallel Processing of Manipulator Dynamics Incorporating Fractional Effects
Sundaram, S.	M.Eng.	1990	Venkatesan	Some Improvements on Fault Tolerance in Multistage Interconnection Networks
Howell, R.	M.Eng.	1990	Walsh	An Algorithm for the Extraction of Ocean Wave Spectra from Narrow Beam HF Radar Backscatter
Parsons, B.L.	Ph.D.	1990	Muggeridge	Subcritical Crack Growth in Ice
Raman-Nair, W.W.	Ph.D.	1990	Sabin	Stress Analysis of Poroelastic Seabed Slopes Under Wave Loading Using the Boundary Element Method
Wang, L.	M.Eng.	1990	Little	Determination of Permanent Magnet Synchronous Motor Parameters
Paterson, R.B.	M.Eng.	1990	Muggeridge	Toward the Development of an Effective Upward-Acting Icebreaking Bow
Choi, J.	M.Eng.	1990	Rahman	A Message Priority Local Area Network for Substation Protection and Control for Power Transformer Protection
Hermanto, I.	M.Eng.	1990	Rahman	Design Development and Testing of Microprocessor-Based Prototype Relay for Power Transformer Protection
Warikoo, R.	M.Eng.	1990	Sharan	Analysis of Propellar Shaft Transverse Vibrations
Kalra, P.	M.Eng.	1990	Sharan	Dynamic Analyses of Flexible Robotic Manipulators
Gill, E.	M.Eng.	1990	Walsh	An Algorithm for the Extraction of Ocean Wave Parameters from Wide Beam HF Radar (CODAR) Backscatter
Mills, W.	M.Eng.	1991	Andrews	The Effect of Approach Gradient, Weather Conditions and Queue Position on Discharge Headways at Signalized Intersections in the City of St. John's
Zou, B.	M.Eng.	1991	Bass/Haddara	An Experimental Study of Roll and Roll-Sway Damping for Small Fishing Vessels
Li, J. (Ms.)	M.Eng.	1991	Bose	Theoretical and Experimental Study of Cycloidal Propellers
Liu, P.	M.Eng.	1991	Bose	Three Dimensional Oscillating Foil Propulsion
Finn, D.	M.Eng.	1991	Jordaan	Vertical and Inclined Edge-Indentation of Freshwater Ice Sheets
Turpin, A.	M.Eng.	1991	Sharan	Balancing of Flexible Rotors Supported on Bearings Having Non-Linear Flexibility
Srinivasan, N.	Ph.D.	1991	Swamidas	Effect of Induced Drag Damping on the Near Resonant Response of a Deepwater Platform
Batstone, P.S.	M.Eng.	1991	Andrews	Analysis of Inbound Freight to Newfoundland
Blair, A.	M.Eng.	1991	Campbell/Lye	A Rational Method for the Treatment of Escalation in Construction Costs
Kennedy, K.P.	M.Eng.	1991	Jordaan	Dynamic Activity and Crushed Ice Behaviour in Medium-Scale Ice-Structure Interactions
Marshall, A.R.	M.Eng.	1991	Jordaan	A Theoretical and Field Study of Load Transmission Trough Grounded Ice Rubble
Oancea, M.A.	M.Eng.	1991	Papagiannakis	A Comparative Assessment of Mechanistic Load Equivalence Factors for Flexible Pavements
Marshall, M.A.	Ph.D.	1991	Booton	Structural Integrity Monitoring of a Hydroelastic Model of a Jacket Platform
Rzentkowski, G.	Ph.D.	1991	Lever	Current-Induced Vibration in Multi-Tube Marine Riser
Cross, J.	M.Eng.	1992	Booton	An Experimental Study of the Dynamics of Catenary Mooring Lines
Wang, Z.G.	M.Eng.	1992	Haddara/Bass	A Study of Roll Motion and Roll Damping for Biased Small Fishing Vessels
Kenny, S.	M.Eng.	1992	Jordaan	The Influence of Damage on the Creep Behaviour of Ice Subject to Multiaxial Compressive Stress States
Davies, I.	M.Eng.	1992	LeNgoc	Electromagnetic Wave Propagation in a Coaxial Waveguide with an Annular Magnetized Ferrite Rod
Anwar, S.	M.Eng.	1992	Lye	Flood Forecasting Models for the Cimanul Rier in West Java, Indonesia
Suripin	M.Eng.	1992	Sharp/Allen	Estuarine Hydraulics in a Shallow Deltaic Estuary with Reference to the Kali Garang Estuary Semarang, Indonesia
Moetariyono, D.	M.Eng.	1992	Sharp/Allen	Sediment Budget and Estuarine Circulation on the Brantas River Estuary East-Java. Indonesia
Singh, K.P.	M.Eng.	1992	Venkatesan	On-line Reconfiguration of Systolic Arrays
Baker, R.	M.Eng.	1992	Allen	Computational Models in Wave Analysis
Zheng, W.	M.Eng.	1992	Allen	Experimental Hydrodynamic Study of a Novel Globe-Shaped Submersible Fish Cage System
Rong, J.	M.Eng.	1992	Bose	Icing Effects on Horizontal Axis Wind Turbines

Hofmann, T.	M.Eng.	1992	Bose	Marine Propeller Design, Tests and Manufacture
Bhattacharya, D.	M.Eng.	1992	Bruce-Lockhart	Design and Analysis of Auto Scaling Pulsed Analog Neural Circuits
Gao, L.	M.Eng.	1992	Clark	Ice Floe Collision Under Wave Action in the Marginal Ice Zone
Paulin, M.	M.Eng.	1992	Clark/Poorooshasb	Physical Model Analysis of Iceberg Scour in Dry and Submerged Sand
Xiao, J.	M.Eng.	1992	Jordaan	Finite Element Modelling of Damage Process in Ice-Structure Interactions
Meaney, R.	M.Eng.	1992	Jordaan	Localized Crushing in Ice-Structure Interaction
Poon, M.	M.Eng.	1992	Khan/LeNgoc	A Clutter Suppression Scheme for High Frequency (HF) Radar
Hemaya, P. (Ms.)	M.Eng.	1992	Papagiannakis	Knowledge Based Advisory System for Flexible Pavement Routine Maintenance
Gowda, R.	M.Eng.	1992	Sharp	Field and Laboratory Studies of Mixing Tubes for Marine Outfalls
Jiang, Z.	M.Eng.	1992	Venkatesan	A Study of Two-Rail Totally Self-Checking Circuits
Li, W.	M.Eng.	1992	Venkatesan	Development of High-Performance Control And Parallel Processor Implementation for Induction Motor Drives
Harris, C.	M.Eng.	1993	Bose	A Particle Tracking System for Wake Survey
Banerjee, T.	M.Eng.	1993	Bruce-Lockhart	Simulation and Implementation of Pulsed Analog Neural Circuits
Appleby, R.	M.Eng.	1993	Campbell	Equipment Replacement Analysis for Publicly Owned Fleets
Yang, D. (Ms.)	M.Eng.	1993	Clark	Dynamic Properties of Beaufort Sea Soils
Leung, K.	M.Eng.	1993	Haddara	Experimental Study of the Effect of Forward Speed and Heel Angle on the Lift Roll Damping of Small Fishing Vessels
Zhang, S.	M.Eng.	1993	Haddara	Experimental Study of the Effect of Forward Speed and Following Waves on Roll Damping of Fishing Vessels
Zhang, Yanming	M.Eng.	1993	Haddara	Parametric Identification for Ship Roll Motion
Heale, D.	M.Eng.	1993	Hanna	Qualitative and Quantitative Analyses of Factors Affecting Productivity in Canadian Construction Projects
Tohary, B.	M.Eng.	1993	Hansen	An Evaluation of the Design of the Proposed Kemuning Diversion Channel
Chen, J. (Ms.)	M.Eng.	1993	LeNgoc	Improved Propagation Loss Prediction for Land Mobile Radio Communications
Kadarisman	M.Eng.	1993	Lye	A Comparative Study of the Application of Two Catchment Models to the Babak basin, Lombok, Indonesia
Kananto	M.Eng.	1993	Lye	Evaluation of Techniques for Estimating Reference Evapotranspiration for Jawa, Indonesia
Akhmad, A.	M.Eng.	1993	Lye	Regional Flood Frequency Analysis for Aceh Province, Indonesia
Bhattacharya, B.	M.Eng.	1993	Munaswamy	Fatigue Crack Growth Characteristics of Offshore Structural Steel in Marine Environment
Hoque, A.	M.Eng.	1993	Rahman	Speed and Position Sensorless Permanent Magnet Synchronous Motor Drives
Perchard, D.R.	M.Eng.	1993	Swamidas	Crack Detection in Slender Cantilever Plates Using Modal Analysis
Nwosu, D.	Ph.D.	1993	Swamidas	Fatigue Strength Analysis of Offshore Tubular Welded Joints Under Constant Amplitude Loading: Local Strain and Fracture
Cahill, M.	M.Eng.	1993	Andrews	Modelling Regional Recreational Travel Behaviour in Newfoundland. A Study of Mosse Hunter Travel
Hargono, B.	M.Eng.	1993	Bose/Bajzak/Molgaard	Water Reservoir Impact Assessment in Indonesia: The Environmental Impact Assessment Process and the Use of Remotely Sensed Data
Zhu, F.	M.Eng.	1993	Clark	An Experimental Study of At Rest Lateral Stress in Cemented Sands
Tang, Z.H.	M.Eng.	1993	Clark	Laboratory Measurement of Shear Strength and Related Acoustic Properties
Wu, X. (Ms.)	M.Eng.	1993	Haddara	Roll Motion Parameter Identification Using Response in Random Waves
Lin, Y.	M.Eng.	1993	Lye	Modelling Long Term Persistence in Flood Series
Soeharno, A.	M.Eng.	1993	Lye	Simulation of Hydropower Generation for the Citarum Multi-Reservoir System Using Synthetic Flows
Chen, Z.	M.Eng.	1993	Marzouk	Nonlinear Analysis of High-Strength Concrete Slabs
Zaman, M. (Ms.)	M.Eng.	1993	Moloney	Adaptive Filters for Edge-Preserving Smoothing of Speckle Noise in Digital Images
Amoah, N.	M.Eng.	1993	Papagiannakis	Viscoelastic Response of Flexible Pavements Under Moving Dynamic Loads
Jain, P.	M.Eng.	1993	Quaicoe	A Fixed Frequency Series-Parallel DC/DC Resonant Converter
Shu, Z.	M.Eng.	1993	Quaicoe	A PWM Current-fed Inverter for Induction Heating
Rajagopal, N.	M.Eng.	1993	Quaicoe	Harmonic Analysis of AC/DC Converters Using the Harmonic Admittance Method
So, B.	M.Eng.	1993	Rahman	Experimental Testing of Stand-Alone Digital Relay for Power Transformers
Chen, Y.	M.Eng.	1993	Swamidas	Dynamic Characteristics and Modal Parameters of a Plate with a Surface Crack
Budipriyanto, A.	M.Eng.	1993	Swamidas	Modal Testing and Analysis of Uncracked and Cracked Plates with a Surface Crack
Lu, R.S.	M.Eng.	1993	Venkatesan	Implementation of Loss Minimization Control for High Performance AC Motor Drives
Wang, H. (Ms.)	M.Eng.	1993	Walsh/Saoudy	On the Ground Wave Propagation Over a Cliff with Finite Ground Parameters
Song, S.	Ph.D.	1993	Baddour	Computer Simulation of Ship Waves
Prasad, K.S.R.	Ph.D.	1993	Swamidas	Nonaxisymmetric Analysis of Porous Soil Under Gravity Structures
Sullivan, M.	M.Eng.	1994	Bruce-Lockhart	A Digital Signal Processing Fish Tracker, Investigation and Design
Muggeridge, K. (Ms.)	M.Eng.	1994	Hinchey	Investigation of Control Strategies and Development of a Hydraulic Actuator Mechanism for Accurate Positioning of Subsea Robots
Pike, D.	M.Eng.	1994	Hinchey/Inkpen	An Investigation of Programmable Compliance During Rob/Environment Interaction
Liu, B.	M.Eng.	1994	Jordaan	Numerical Modelling of Medium Scale Indentation Tests
Richter, S. (Ms.)	M.Eng.	1994	Lye	Relationships of Flow and Basin Variables on the Island of Newfoundland, Canada with a Regional Application
Jiang, D.	M.Eng.	1994	Marzouk	Evaluation of Shear Enhancement for High-Strength Concrete Plates
Zhou, P.	Ph.D.	1994	Rahman	Field and Circuit Combined Analysis of Permanent Magnet Synchronous Motors
Cao, S. (Ms.)	M.Eng.	1994	Haddara	On the Vibration Response of a Plate Submerged in Fluid
Power, D.	M.Eng.	1994	Donnelly	Spherical Scattering of Superpositions of Localized Waves
Brown, P.	M.Eng.	1994	Jordaan	Optimal Design of Bow Plating for Ships Operating In Ice
Johnston, M. (Ms.)	M.Eng.	1994	Jordaan/Croasdale	Variation of Local Pressures During Ice-Structure Interaction
Young, Z.	M.Eng.	1994	LeNgoc	A General Purpose Reed-Solomon Codes Simulator
Sabetu, O.	M.Eng.	1994	Lye	Rainfall Distribution in West Timor: Temporal and Spatial Characteristics, Regional Frequency Analysis and Drought Identification
Riswardi, B.	M.Eng.	1994	Sabin	A Model of Longshore Sediment Transport Estimation for Krueg Aceh Urgent Flood Control Project Indonesia
Balasubramanian, R.	M.Eng.	1994	Sharan	Application of Neural Networks in Robotic Control and Design of Mechanisms
Sitompul, T.	M.Eng.	1994	Sharp	Hydraulic Modelling of a Sharp Crested Labyrinth Weir
Williams, P.G.	M.Eng.	1994	Swamidas/Guigne	Accoustical and Vibrational Procedures for Investigating the Modal Response of Structures

Singh, S.	Ph.D.	1994	Jordaan	Mechanical Behaviour of Viscoelastic Material with Changing Microstructure
Krishna, V.	M.Eng.	1995	Bass	Numerical Simulation of Vortex Shedding in Oscillatory Flows
Liu, L.	M.Eng.	1995	Haddara	Dynamic Behaviour of a Cracked Shaft on Elastic Supports
Ye, Y. (Ms.)	M.Eng.	1995	LeNgoc	A General Purpose Reed-Solomon CODEC Simulator and New Periodicity Algorithm
Gu, K.	M.Eng.	1995	LeNgoc	High Performance Dual Shaped Reflector Antennas for Earth Stations
Sidhu, A. (Ms.)	M.Eng.	1995	Lye	Seasonal Flow Forecasting of Newfoundland Rivers
Tiller, R.	M.Eng.	1995	Marzouk	Strut-and Tie Model for Punching Shear of Concrete Slabs
Guy, E.	M.Eng.	1995	R. Khan	Vector Filtering Technique for Recovery of Stationary Stochastic Processes Contaminated by Broad-band Noise
Liyanapathirana, R.	Ph.D.	1995	Ekanayake/LeNgoc	A Study of CPFSK Trellis Modulation Codes on Gaussian and Non-Gaussian Channels
Abdel-Rahim, N.	Ph.D.	1995	Quaicoe	A Current-Regulated Voltage Controlled Scheme for DC to AC Voltage-Source Static Power Supplies
Han, Y.	Ph.D.	1995	Sabin	Dynamic Behaviour of Pile Foundations with Soil-Pile Interaction
Weng, C.	M.Eng.	1995	Bass	Roll Motion Stabilization for Small Fishing Vessels
Yu, R. (Ms.)	M.Eng.	1995	Cammaert/Muggeridge	Dynamic Response of a Floating Dock in Regular and Irregular Waves
Lin, L. (Ms.)	M.Eng.	1995	Clark	Strength Characteristics of a Modelling Silty Clay
Gao, Z.	M.Eng.	1995	Friis	The Influence of Design Quality on the Productivity of Construction
Zhang, Yifei	M.Eng.	1995	Hinchey	Control of an Hydraulic Subsea Robot
Rivera, C.	M.Eng.	1995	Hinchey	Hydrodynamic Loads on Underwater Robot Arm
Rokonuzzaman, Md.	M.Eng.	1995	Rahman	Neural Network Based Incipient Fault Detection of Induction Motors
Bryant, D.	M.Eng.	1995	Sabin	The Problem of Detecting Small Targets Using Microwave Radar: A Neural Network Solution
Dhar, D.	M.Eng.	1995	Sharan	Fatigue Life Estimation of Turbine Blades Due to Transient Thermal, Vibratory, and Centrifugal Stresses
Nag, S.	M.Eng.	1995	Sinha	Electromagnetic Plane Wave Scattering by Uniformly Lossy Dielectric Prolate Spheroids
Doucet, J.M.	M.Eng.	1996	Bose	Cavitation Erosion Experiments in Blocked Flow with Two Ice-Class Propeller Models
Greening, D.	M.Eng.	1996	Bose	Design and Commissioning of a Computer Controlled Oscillating Hydrofoil Dynamometer
Hynes, F.	M.Eng.	1996	Clark/Phillips	Centrifuge Modelling of Ice Scour in Sand
Li, Y. (Ms.)	M.Eng.	1996	Guigne/Swamidas	Nearfield Acoustics of a Submerged Cantilever Plate for Fatigue Crack Detection Application
Wang, Y.	M.Eng.	1996	Haddara	Ship Manoeuvrability Prediction Using Neural Networks
Subramanian, K. (Ms.)	M.Eng.	1996	Morin	Changes in Physical, Hydraulic and Microstructural Properties of Clays Exposed to Organics
Harinath, S.	M.Eng.	1996	Venkatesan	Performance, Fault Tolerance and Reliability of Multistage Interconnection Networks for Broadband Packet Switch Architectures
Lach, P.	Ph.D.	1996	Clark	Centrifuge Modelling of Large Soil Deformation Due to Ice Scour
Zaman, M. (Ms.)	Ph.D.	1996	Rahman	Artificial Neural Network Based Protection of Power Transformers
Qin, R.	Ph.D.	1996	Rahman	Permanent Magnet Hysteresis Synchronous Motor Analysis and DSP Based Vector Control
Hoque, A.	Ph.D.	1996	Rahman	Speed Control of Permanent Magnet Motors
Wu, S.	Ph.D.	1996	Seshadri	Robust Estimation of Fracture Parameters
Chen, Y.	Ph.D.	1996	Swamidas	Crack Detection in Plated T-Joints Through Vibration Techniques
Ramanathan, K.	M.Eng.	1996	Bose	Three Dimensional Wake Survey Behind a Ship Model Using Hot-Film Anemometers
Xiao, Y.	M.Eng.	1996	Haddara	An Experimental Study of Crack Detection in Rotating Shaft
Sexton, J.	M.Eng.	1996	Hookey	Numerical Simulation of the Sloshing of Liquids in Tanks
Wang, C.	M.Eng.	1996	Hookey	Simulation of Viscous Fluid Flows Using a Control Volume Finite Element-Multigrid Method
Vallabhan, S.	M.Eng.	1996	Jeyasurya	Application of Artificial Neural Networks for Voltage Stability Evaluation of Power Systems
Sidhu, H.	M.Eng.	1996	Munaswamy	Hierarchical Plate Finite Elements for Stress Concentration and Stress Singularity Problems
Aggarwal, R.	M.Eng.	1996	Sharan	Identification of Parameters and Control of Robotic Manipulators using Artificial Neural Networks
Agarwal, S.	M.Eng.	1996	Sharan	Three-Dimensional Modelling of Impulse Forces and Torques on a Gas Turbine Blade due to Nozzle Excitations
Sunaryo	M.Eng.	1996	Sharp	Hydraulic Modelling of Purging in Sea Outfall
Paranavitana, S.	M.Eng.	1996	Swamidas	Symmetric And Asymmetric Crack Development in Tubular T-Joints
Liu, P.	Ph.D.	1996	Bose	A Time-Domain Panel Method for Oscillating Propulsors with both Chordwise and Spanwise Flexibility
Luznik, L.	M.Eng.	1997	Bose	An Experimental Investigation of the Propulsive Thrust of Oscillating Foils of Different Planforms
Xu, Jinsong	M.Eng.	1997	Haddara	Identification of Ship Coupled Heave and Pitch Motions Using Neural Networks
Tully, S. (Mrs.)	M.Eng.	1997	Hegazy/Marzouk	A Neural Network Approach for Predicting the Structural Behaviour of Concrete Slabs
Zhu, X.	M.Eng.	1997	Heys	A New Class of Unbalanced CAST Ciphers and Its Security Analysis
Zhou, H.	M.Eng.	1997	Hookey	A Mass-Weighted Upwind-Based Control Volume Finite-Element Method for Steady Two-Dimensional Viscous Compressible Flows
Gnanam, G.	M.Eng.	1997	Jeyasurya	Optimal Power Flow Including Voltage Stability
Yuan, G.	M.Eng.	1997	Morin	Zeolite and High Carbon Fly Ash Mixes as Liner Materials for Lead/Phenol Sorption
Eaton, W.N.	M.Eng.	1997	Rahman	Mini-Hydro Systems Using Induction Generators
Amoah, N.	Ph.D.	1997	Morin	Experimental and Numerical Study of Solute Transport Through Saturated Fractured Porous Aquifer
Wang, Z. G.	Ph.D.	1997	Muggeridge/Swamidas	Ice Forces on a Multifaceted Conical Structure
Mangalaramanan, S.P.	Ph.D.	1997	Seshadri	Robust Limits Loads Using Elastic Modulus Adjustment Techniques
Bird, C.	M.Eng.	1997	Donnelly	Investigation and Suppression of Multipath Communication Signals with Applications to a Marine Environment
Swamidas, J.	M.Eng.	1997	Gosine/Molgaard	Predicting Missing Marker Positions in Computer Vision Systems
Ganugapati, S. (Ms.)	M.Eng.	1997	Moloney	Edge Detection Methods for Speckled Images
Walker, D.	Ph.D.	1997	Bose	The Influence of Blockage and Cavitation on the Hydrodynamic Performance of Ice Class Propellers in Blocked Flow
Lu, Z.	Ph.D.	1997	Hinchey/Friis	Development of a Subsea Robot Nomad with a Micro Computer Based Intelligent Control System
Zou, B.	Ph.D.	1997	Jordaan	Ship In Ice: The Interaction Process and Principles of Design
Bruneau, S.	Ph.D.	1997	Molgaard/Cammaert	Development of a First-Year Ridge Keel Load Model
Sutardi	M.Eng.	1998	Ching	Development of a Turbulent Boundary Layer Downstream of a Transverse Square Groove
Olsen, C.	M.Eng.	1998	Friis/Aboulazm	Towards the Development of an Automated Ship Arrangement Design Tool

O'Leary, J.	M.Eng.	1998	Hinchey	CROBOTS: A CAD Based Robot Simulation Tool
Langdon, S.	M.Eng.	1998	Marzouk	The Effects of Alkali-Aggregate Reactivity on the Mechanical Properties of Concrete
Hale, R.	M.Eng.	1998	Molgaard/Gosine	Gesture Recognition as a Means of Human Machine Interface
Carroll, L.B.	M.Eng.	1998	Monahan/Gosine	Investigation into the Detection and Classification of Defect Colonies Using ACFM Technology
Tucker, J.	M.Eng.	1998	Muggeridge	The Design, Manufacture and Verification of a High Capacity Force and Moment Measurement System
Pal, S.	M.Eng.	1998	Quaicoe	Simulation of Current Mode Control Schemes for Power Factor Correction Circuits
Tomilson, A.	M.Eng.	1998	Quaicoe/Gosine/Hinchey	Frequency and Voltage Control of a High-Penetration, No-Storage Wind-Diesel System
Raghavan, P.	M.Eng.	1998	Seshadri	Simplified Inelastic Analysis of Notched Components Subjected to Mechanical and Thermal Loads
Thuppal, R.	M.Eng.	1998	Venkatesan	On Pipelined Multistage Interconnection
Chose, P.	M.Eng.	1998	Venkatesan/Gillard/Donnelly	A VLSI Synthesis of a Reed-Solomon Processor for Digital Communication System
Zhu, F.	Ph.D.	1998	Clark	Centrifuge Modelling and Numerical Analysis of Bearing Capacity of Ring Foundations on Sand
Paulin, M.	Ph.D.	1998	Clark/Phillips	An Investigation into Pipelines Subjected to Lateral Soil Loading
Bodapatti, N.	M.Eng.	1998	Jeyasurya	Fuzzy Expert Systems for Voltage Stability Monitoring and Control
Morey, B.	M.Eng.	1998	Cammaert	Floating Breakwaters: Predicting Their Performance
Au, Colin	M.Eng.	1998	Donnelly/Quaicoe	Left Ventricular Estimation from Radionuclide Images Using an Ellipsoidal Model
Ayed, A.	M.Eng.	1998	Hegazy	Parametric Cost Estimating of Highway Projects Using Neural Networks
Xu, Jianhong	M.Eng.	1998	Heys	Design and Implementation of an Advanced Substitution Permutation Encryption Network
Hicks, G.	M.Eng.	1998	Jeyasurya	An Investigation of Automatic Generation Control for an Isolated Power System
Melanson, P.	M.Eng.	1998	Jordaan	Damage and Microstructural Change in Laboratory Grown Ice Under High Pressure Zone Conditions
Picco, R.	M.Eng.	1998	Lye	A Comparative Study of Flow Forecasting in the Humber River Basin using a Deterministic Hydrologic Model and a Dynamic Regression Statistical Model
Ju, C.	M.Eng.	1998	Moloney	Edge-Enhanced Segmentation for SAR Images
Li, Y. (Ms.)	M.Eng.	1998	Moloney	Synthetic Aperture Radar (SAR) Image Compressing Using the Wavelet Transform
Ma, Z. (Ms.)	M.Eng.	1998	Morin	Bioremediation of Petroleum Hydrocarbon Contaminated Soil using Indigenous Cultures
O'Brien, S.	M.Eng.	1998	Phillips	Soil-Pipe Interaction in Dry Sand Under Lateral Loading Conditions
Kirby, C.	M.Eng.	1998	Rahman	Generation Participation Factors and Transmission Costing
Mukhtasor	M.Eng.	1998	Sharp/Lye	Probabilistic Ocean Outfall Design
Yan, B. (Ms.)	M.Eng.	1998	Sinha/Saoudy	A Low Cost Planar Near-Field/Far-Field Antenna Measurement System
Xiao, J.	Ph.D.	1998	Jordaan	Damage and Fracture of Brittle Viscoelastic Solids with Application to Ice Load Models
Fuglem, M.	Ph.D.	1998	Jordaan	Decision Making for Offshore Resource Development
Wu, B. (Ms.)	Ph.D.	1998	Lye	The Interscale Correlation Structure of Peak Flow Series
Hussein, A.	Ph.D.	1998	Marzouk	Behaviour of High-Strength Concrete Under Biaxial Loading Conditions
Cheng, S.(Ms.)	Ph.D.	1998	Swamidas	Nondestructive Evaluation of Cracking in Tubular T-Joints Using Vibration Procedures
Thornhill, E.	M.Eng.	1999	Bose/Veitch	Development of Waterjet Testing Techniques
Hendroprasetyo, W.	M.Eng.	1999	Haddara/Monahan	Use of Alternating Current Field Measurement (ACFM) Technique for Sizing International Surface Defects on Thin-Walled Austenitic Stainless Steel Pipes
Dunphy, G.	M.Eng.	1999	Moloney	Requirements Analysis for a Multimedia Patient Information System in Telemedicine Applications
Shen, Y. (Ms.)	M.Eng.	1999	Norvell	Compiling a Synchronous Programming Language into Field Programmable Gate Arrays
Manoranjan, M.	M.Eng.	1999	Robinson	Low Bit rate Visual Communication Using Binary Sketches for Deaf Sign Language Communication
Qiu, M.	M.Eng.	1999	Sinha/Saoudy	An FDTC Code for Mobile Telecommunication Antenna Design
Sinha, A.	M.Eng.	1999	Sinha/Saoudy	An Investigation of Marconi's First Transatlantic Experiment in Newfoundland to Find the Correct Frequency of Transmission
Armono, H.	M.Eng.	1999	Swamidas	Flow Field Around Single and Multiple Follow Hemispherical Artificial Reefs used for Fish Habitat
Walter, D.	Ph.D.	1999	Clark/Kosar	Soil Enhancement by Fluid Injection for In Situ Treatment of Contaminated Soil
Mann, G.	Ph.D.	1999	Gosine	Systematic Analysis and Design of Fuzzy Logic Controllers for Process Control
Shu, Y. (Ms.)	M.Eng.	1999	Robinson	Coding of Motion Picture Residues by Adaptive Spatial Transforms
Searle, S.	M.Eng.	1999	Bose/Veitch	Ice Tank Tests of a Highly Skewed Propeller and a Conventional Ice-Class Propeller in Four Quadrants
Butt, A.M.	M.Eng.	1999	Bose/Williams,C.	Hydrodynamic Improvements for the DOLPHIN: A Surface-Piercing Semi-Submersible AUV
Yuan, Q.	M.Eng.	1999	Daley	Finite Element Analysis of the Plastic Buckling of a Cantilever Beam
Rogers, F.	M.Eng.	1999	Haddara	Prediction of Dynamic Bending Stresses of Ship at Sea
Woolgar, R. (Ms.)	M.Eng.	1999	Hinchey	Development of the Subsea Robot ANNE (Autonomous Pneumatic Nautical Explorer)
Zahra, F. (Ms.)	M.Eng.	1999	Jeyasurya/Quaicoe	Artificial Neural Network Approach to Transmission Line Relaying
Sulistiyono, H.	M.Eng.	1999	Lye	Rainfall-Runoff Model Calibration Using Experimental Designs and Response Surface Methodology
Murtiadi, S.	M.Eng.	1999	Marzouk	Behaviour of High-Strength Concrete Plates Under Impact Loading
Smith, P.	M.Eng.	1999	Molgaard	Finite Element Analysis of the Human Femur: A Validation Study
Greening, D. (Ms.)	M.Eng.	1999	Molgaard/Donnelly	Automated Selection and Entry of Computer Tomography Data in Finite Element Modelling of the Human Femur
Fowler, C.	M.Eng.	1999	Monahan, Seshadri	Robust Estimation of Limit Loads for Cracked Components
Hurley, S.	M.Eng.	1999	Phillips/McDermott	Development of a Settling Column and Associated Primary Consolidation Monitoring Systems for Use in the Geotechnical Centrifuge
Cheng, L.	M.Eng.	1999	Quaicoe	A Universal Controller for a Single-Phase Uninterruptible Power Supply System
Zeid, S.	M.Eng.	1999	Rahman	An Analysis of Permanent Magnet Synchronous Motor Drive
Ping, X. (Ms.)	M.Eng.	1999	Robinson	Model-Based Enhancement of Moving Facial Images
Pira, R.	M.Eng.	1999	Robinson	Supporting Asynchronous Telemedicine: Electronic Mail vs. The World Wide Web vs. Replicated Databases
Buana, I.G.N.S.	M.Eng.	1999	Sabin	A Study of a Ferry Transportation System for an Archipelagic Region: A case Study in Maluku
Xia, H.	M.Eng.	1999	Sabin	An Analysis for Braced Excavations in Clay
Balasubramanian, B.	M.Eng.	1999	Venkatesan	Design and Implementation of a Digital Neural Processor for Detection Applications
Hickey, K.	M.Eng.	1999	Walsh	Ocean Surface Current Estimation Using a Long-Range, Single Station, High Frequency Ground Wave Radar
Rokonuzzaman, Md.	Ph.D.	1999	Gosine	Discrete Event Development Framework for Highly Reliable Sensor Fusion Systems
Alavi-Fard, M.	Ph.D.	1999	Marzouk	Bond Characteristics of High Strength Concrete

Lau, M.	Ph.D.	1999	Molgaard/Williams, M.	Ice Forces on a Faceted Cone due to the Passage of a Level Ice Field
Mehrotra, P.	Ph.D.	1999	Quaicoe/Venkatesan	Artificial Neural Networks in Induction Motor Speed Estimation and Control
Gill, E.	Ph.D.	1999	Walsh	The Scattering of High Frequency Electromagnetic Radiation from the Ocean Surface: An Analysis Based on a Bistatic Ground Wave Radar Configuration
Winsor, F.	M.Eng.	2000	Boaton	Methods for Removing Inertial Force from Measured Wave Impact Force Signals
Cheng, X. (Ms.)	M.Eng.	2000	Ching/Robinson	Feature-Based Motion Estimation and Motion Segmentation
Hiscock, J.	M.Eng.	2000	Ching/Robinson	Quantitative Flow Visualization System for Gas-Liquid Two Phase Flows
Luo, D.	M.Eng.	2000	Gosine	Occluded Object Discrimination by a Modified Hopfield Neural Network
Hwang, F. (Ms.)	M.Eng.	2000	Gosine/O'Young/Norvell/Fisher	A Petri-Net-On-Line Controller for the Coordination of Multiple Mobile Robots
Mohamed, I.	M.Eng.	2000	Haddara	A Method for the Analysis of the MDTF Data Using Neural Networks
Cheater, Brian	M.Eng.	2000	Haddara	Fatigue Life of Bulk Carrier Side Shell Frame Lower Toes as a Function of Ship Length and Loading
Memon, E.	M.Eng.	2000	Husain	Environmental Effects of Thermal Power Plant Emissions
Sethuramalingam, S.	M.Eng.	2000	Munaswamy	Hierarchical Plate and Shell Elements Incorporating Symbolic Computations
Chowdhury, Md.	M.Eng.	2000	Robinson	Image Segmentation for Coding
Uddin, M.	Ph.D.	2000	Rahman	Intelligent Control of an Interior Permanent Magnet Synchronous Motor Drive
Ralph, F.	M.Eng.	2000	Daley	Robust Methods of Finite Element Analysis: Evaluation of Non-Linear, Lower Bound Limit Loads of Plated Structures and Stiffening Members
Baliwangi, L.	M.Eng.	2000	Friis	Study of Reliability, Maintainability and Availability: A Case Study of a Shuttle Tanker Propulsion System
Riaz, M.	M.Eng.	2000	Heys	The Hardware Implementation of Private-Key Block Ciphers
Kar, S.	M.Eng.	2000	Husain	Environmental and Health Risk Assessment of Trihalomethanes in Drinking Water: A case study
Jia, Z.	M.Eng.	2000	Jeyasurya	Contingency Ranking for ON-Line Voltage Stability Assessment
Xie, J.	M.Eng.	2000	Quaicoe	Modeling, Analysis and Design of Fixed Frequency Series-Parallel Resonant DC/DC Converters Using the Extended Describing Function Method
Thoms, J.	M.Eng.	2000	Sharp	Bacterial Inactivation and Dispersion in Cold Ocean Waters
Elfarawy, S.	M.Eng.	2000	Sinha/Saoudy/ Donnelly	Indoor CDMA Capacity Using Smart Antenna Base Station
Wong, D.	Ph.D.	2000	Haddara	A Knowledge-Based Decision Support System in Reliability-Centered Maintenance of HVAC Systems
Becht, C.	Ph.D.	2000	Seshadri	Behaviour of Bellows
El-Sayed, Y.	Ph.D.	2000	Venkatesan	Performance Analysis, Design and Reliability of the Balanced Gamma Network
Curtis, T.	M.Eng.	2001	Bose	The Design, Construction, Outfitting, and Preliminary Testing of the C-SCOUT AUV
Thiruganasambandamo	M.Eng.	2001	Quaicoe	A Unified Modulation Scheme for Three-Phase Inverter-Fed Induction Motor Drive
Karthik, K.	M.Eng.	2001	Quaicoe	An Improved Control Strategy for a Hybrid Series Compensator
Alam, Md.	M.Eng.	2001	Swamidas	Crack Identification in an Offshore Structural Frame Through Static Substructuring and Finite Element Method
Yang, X.	Ph.D.	2001	Swamidas	Vibration Based Crack Analysis and Detection in Beams Using Energy Meth
Calderon, A.	M.Eng.	2001	Bose	An Experimental Driving Mechanism for a Rigid Oscillating Foil Propeller
Molloy, S. (Ms.)	M.Eng.	2001	Bose	Ship Powering Prediction Using Load Varying Self-Propulsion Tests
Varma, G.	M.Eng.	2001	Bose/Veitch	Ice Loads on Propellers Under Extreme Conditions
Moores, C.	M.Eng.	2001	Bose/Veitch	Shaft and Blade Load Measurements on a Highly Skewed Propeller Model in Ice
Bhardwaj, V. (Ms.)	M.Eng.	2001	Fisher	An Enhanced New Product Development (NPD) Model and the Application of Taguchi Methods in Upstream NPD Activities
Zhao, X. (Ms.)	M.Eng.	2001	Gosine	Automated Image Analysis for Petrographic Image Assessments
Smith, A.	M.Eng.	2001	Gosine/Randell	Enhanced Active Target Detection in Fog
Hayward, R.	M.Eng.	2001	Haddara	Plastic Response of Ship Shell Plating Subjected to Loads of Finite Height
Ikhwan, N.	M.Eng.	2001	Hookey/Ching	Numerical Simulations of the Effect of Turbulence Intensity and Integral Length Scale of Stagnation Region Heat Transfer
Taylor, K.	M.Eng.	2001	Lye	Peak-Over-Threshold Flood Frequency Analysis of Streamflow Series for Insular Newfoundland
Song, W.	M.Eng.	2001	Norvell/O'Young	Optimized Hardware Implementation of SMALL in Field Programmable Gate Arrays
Shamim, Md.	M.Eng.	2001	Robinson	Object Based Video Coding
Owolabi, G.	M.Eng.	2001	Swamidas/Sesh	Crack Identification Procedures in Beam Using Experimental Modal Analysis
Xu, Jinsong	Ph.D.	2001	Haddara	Estimation of Wave-Induced Ship Hull Bending Moment from Ship Motion Measurements
Mahfouz, A.	Ph.D.	2001	Haddara	Identification of the Hydrodynamic Model of an Underwater Robotic Vehicle Heaving and Pitching Near the Sea Surface Using its Measured Response
Zubaydi, A.	Ph.D.	2001	Haddara	Use of Neural Networks for the Identification of Damage in Ship Structures
Mukhtasor	Ph.D.	2001	Husain/Lye	Hydrodynamic Modeling and Ecological Risk-Based Design of Produced Water Discharge from an Offshore Platform
Song, Q.	Ph.D.	2001	Robinson	Features and Statistical Classifiers for Face Image Analysis
Laha, D.	M.Eng.	2002	Adluri	Inelastic Strain Estimation Based on Line Search and Direct Secant Methods
Mannem, R.	M.Eng.	2002	Adluri	Shear Lag Effects on Welded Steel Angles and Plates
Seshadri, J.	M.Eng.	2002	Gosine	Design of a Mobile Robotic Platform for Research in Group Robotics
Brown, R.	M.Eng.	2002	Haddara	An Experimental Investigation of Ship Manoeuvrability in Pack Ice
Weliyanto, B.	M.Eng.	2002	Haddara	On Crack Identification Using Neural Networks
Ahmad, M.	M.Eng.	2002	Husain	Environmental Effects of Multi-Stage Flash (MSF) Desalination Plant at Al-Jubail Saudi Arabia
Sawhney, H.	M.Eng.	2002	Jeyasurya	Power System Performance Enhancement Using Unified Power Flow Controller
Wadden, D.	M.Eng.	2002	Lye	Rainfall Distribution in the City of St. John's: Temporal Distribution, Spatial Variation, Frequency Analysis, and Tropical Storm Gabrielle
Whalen, R.	M.Eng.	2002	Seshadri	Floor Stiffener Cracking in Large Mining Truck Dump Bodies
Deepakumara, J.	M.Eng.	2002	Venkatesan/Heys	Hardware Implementation of Message Authentication Algorithms for Internet Security
Perrault, D.	Ph.D.	2002	Bose	Autonomous Underwater Vehicles (AUV) Sensitivity of Motion Response to Geometric and Hydrodynamic Parameters and AUV Behaviours with Control Plane Faults
Thornhill, E.	Ph.D.	2002	Bose/Veitch	Application of a General CFD Code to Planing Craft Performance
Ebead, U.	Ph.D.	2002	Marzouk	Strengthening of Reinforced Concrete Two-Way Slabs
Bolar, A.	M.Eng.	2002	Adluri	Robust Estimation of Limit Loads of Plates Using Secant Rigidity

Rixmann, D. B.	M.Eng.	2002	Bass	Time Domain Seakeeping Simulations of Some Multiple Waterplane Vessels
Pokhrel, J.	M.Eng.	2002	Lye	Regional Flood Frequency Analysis for the Island of Newfoundland, Canada Using L-Moments
Shi, Y.	M.Eng.	2002	M. Williams/Haddara	Model Test Data Analysis of Ship Maneuverability in Ice
Mitchell, D.	M.Eng.	2002	Marzouk	Bond Characteristics of High Strength Lightweight Concrete
Yu, Qiyao	M.Eng.	2002	Moloney/Williams,M.	Texture Classification of SAR Sea Ice Using the Wavelet Transform
Wrinch, M.	M.Eng.	2002	O'Young/	Acquisition of Ice Properties Using Mechanical Actuation
Hanke, R.	M.Eng.	2002	Phillips/Clark/	Shaft Capacities of Close Ended Piles Under Load Reversals in Sand
Liang, B.	M.Eng.	2002	Veitch/Daley	Iceberg Stability and Deterioration
Wu, D. (Ms.)	M.Eng.	2002	Venkatesan	Modeling, Analysis and Design of the Input Controller for ATM Switches
Wang, G.	Ph.D.	2002	Hookey/Ching	An Experimental Study of Vertically Upward Air-Water Two-Phase Slug Flow Using Hot-Film Anemometry
Oo, A.	Ph.D.	2002	Hookey/Ching	Effect of Freestream Vortical Structures and Vorticity on Stagnation Region Heat Transfer
Sadiq, R.	Ph.D.	2002	Husain	Drilling Waste Discharges in the Marine Environment: A Risk Based Decision Methodology
Hejazi, Ramzi	Ph.D.	2002	Husain	Oily Sludge Degradation Study Under Arid Conditions Using a Combination of Landfarm and Bioreactor Technologies
Cheng, L.T.	Ph.D.	2002	Robinson	The Context of Everyday Actions: Using Personal Context for Visual Contextual Awareness of Wearable Computers
Handayana	Ph.D.	2002	Swamidas	Failure Mechanisms of Suction Caisson Foundations in Clay Under Vertical and Inclined Pullout Loads
Xing, Z.	M.Eng.	2003	Haddara	Identification of the Variance of the Wave Exciting Rolling Moment Using Ship's Random Response
Thanayamanta, W. (Ms.)	M.Eng.	2003	Hawboldt/Veitch/ Bose/Husain	Evaluation of Offshore Drilling Cuttings Management Technologies using Multicriteria Decision-making
Rhineland, J.	M.Eng.	2003	Heys/Venkatesan	Design and Implementation of Encryption Algorithms in a Coarse Grain Reconfigurable Environment
Cook, A.	M.Eng.	2003	Heys/Venkatesan	Implementation of Selected Cryptographic Algorithms on a Reconfigurable Microprocessor Platform
Chang, S. (Ms.)	M.Eng.	2003	Jeyasurya	Application of Optimization Methods for Power System Economic Operation and Transfer Capability Evaluation
Duan, Z.	M.Eng.	2003	Muzychka	Impingement Air Cooled Plate Fin Heat Sinks
Zangeneh, N. (Ms.)	M.Eng.	2003	Popescu	Enhanced Newmark Method for Seismic Analysis of Submarine Slopes
Saleh, S.	M.Eng.	2003	Rahman	A Wavelet Packet Transform-Based Technique for Three Phase Power Transformer Protection
Butt, C.	M.Eng.	2003	Rahman	Simplified Fuzzy Logic Controller Based Vector Control of an Interior Permanent Magnet Motor
Pennell, V. (Ms.)	M.Eng.	2003	Veitch/Bose/ Husain/Hawboldt	The Selection, Integration, and Evaluation of a Payload for Chemical Plume Detection on an Autonomous Underwater Vehicle
Sainath, V.	M.Eng.	2003	Venky/Gillard	VLSI Implementation of a Turbo Encoder/ Decoder
Nobahar, A.	Ph.D.	2003	Popescu	Effects of Soil Spatial Variability on Soil-Structure Interaction
Vellore, P. (Ms.)	M.Eng.	2003	Venkatesan	Delay, Fairness and Complexity of Selected Scheduling Disciplines in Broadband Packet-Switched Networks
Miranda Trevino, S.	M.Eng.	2003	Coles	Effect of pH of Heavy Metals Retention by Kaolinite
Bobby, P.	M.Eng.	2003	Gill	Estimation of Vector Surface Currents Beyond the Region of Overlap of Dual-Site Narrow-Beam, HF Radar: An Implementation Using the Continuity Equation
Lefevre, P. (Ms.)	M.Eng.	2003	Gosine	Fish Species Identification Using Image Analysis of Echo-Sounder Images
Apostolovic, N.	M.Eng.	2003	Gosine/Fisher	An Innovative Method for Improvement of Robotic Simulation Cycle Time Accuracy
Niu, H.	M.Eng.	2003	Husain	Flocculation and Settling Properties of Discharged Drilling Wastes
Liang, F.	M.Eng.	2003	Jeyasurya	Performance Enhancement of Digital Relays for Transmission Line Distance Protection
Butler, T.	M.Eng.	2003	Jordaan	An Analysis of Stiffened Plating Subject to Extreme Ice Loads
Li, C.	M.Eng.	2003	Jordaan	Finite Element Analysis of Ice-Structure Interaction with a Viscoelastic Model Coupled with Damage Mechanics
Dignard, S. (Ms.)	M.Eng.	2003	Lye	Application of the Inverse Gaussian Distribution to Regional Flow Analysis for the Island of Newfoundland
King, A.	M.Eng.	2003	McKenna/Jordaan	Iceberg Scour Risk Analysis for Pipelines on the Labrador Shelf
Shahidi, R.	M.Eng.	2003	Moloney	Methods and Applications of Irregular Sampling and Scattered Data Interpolation of Digital Images
Okogun, O.	M.Eng.	2003	Quaicoe	A Comparative Study of Hybrid Compensation Systems Using a Multiple Feedback Control Scheme
Pelley, D.	M.Eng.	2003	Veitch/Colbourne	Performance of Twin Falls Davit and Lifeboat Evacuation in Extreme Seas
Sutardi	Ph.D.	2003	Hookey/Ching	Effect of Different Shaped Transverse Grooves on a Zero Pressure Gradient Turbulent Boundary Layer
Lim, Y.H.	Ph.D.	2003	Lye	Design Flood Estimation Methods for Rivers with Extensive Tidal Interaction Zones in Sarawak, Malaysia
Pan, L.	Ph.D.	2003	Seshadri	Limit Load Estimation for Structures Under Mechanical Loads
House, A.	M.Eng.	2004	Heys	Design of a Flexible Cryptographic Hardware Module
Organ, M. (Ms)	M.Eng.	2004	Husain/Coles	Modeling of Natural Attenuation at a Contaminated Site: A Case Study
Chowdhury, Md. S.	M.Eng.	2004	Husain/Veitch/Bose/Sadiq	Decision Support System for Produced Water Discharges in Offshore Operations
Rashid, Md.	M.Eng.	2004	Hussein	Concrete Slabs Reinforced with GFRP Bars
Khan, Md. J.	M.Eng.	2004	Iqbal	Dynamic Modeling, Simulation and Control of a Small Wind-Fuel Cell Hybrid Energy System for Stand-Alone Applications
Sawhney, R.	M.Eng.	2004	Jeyasurya	Application of Contingency Analysis Methods for Power System Security and Optimization
Nazir, M.	M.Eng.	2004	Khan/Husain	Development of a Coastal Fumigation Model for Continuous Emission from an Elevated Point Source and a Computer Software (FUMIG)
Islam, Md.	M.Eng.	2004	Liu/Veitch	Numerical Investigation on Effects of Hub Taper Angle and Pod-Strut Geometry on Propulsive Performance of Pusher Propeller Configurations
Pfister, S. (Ms.)	M.Eng.	2004	Phillips/ M. Williams	Ice Rubble Accumulation Event Analysis: Level Ice Interaction with Upward Breaking Conical Structures
Sircar, S.	M.Eng.	2004	Randell/Gill/Power	Measuring Lateral Ground Movement with Synthetic Aperture Radar Differential Interferometry: Technique and Validation
Awan, A.	M.Eng.	2004	Venkatesan	Design, Simulation and Implementation of Enhanced Crossbar Combined Input-Output Queued Switch Architecture
Zhao, W.	Ph.D.	2004	Seshardi	A Moving Boundary Approach for Cylinders Subjected to High Internal Pressure
Li, Cheng	Ph.D.	2004	Venkatesan/Heys	Design, Modelling and Analysis of the Balanced Gamma Multicast Switch for Broadband Communications
Hopkins, D.	M.Eng.	2004	Bass/Bose	Ship/Model Correlation Study
Murrin, D.	M.Eng.	2004	Bose/Chin	The Evaluation of a Waterjet System using Computational Fluid Dynamics Validated by Wind Tunnel Tests
Thomas, R.	M.Eng.	2004	Bose/Williams, C.	Performance Evaluation of the Propulsion System of the Autonomous Underwater Vehicle C-SCOUT
Zhang, J.	M.Eng.	2004	Gill	An Algorithm for the Extraction of Ocean Wave Information from Bistatic HF Groundwave Radar Data - A Simulation

Weimin, H.	M.Eng.	2004	Gill/Walsh	The Second-Order High Frequency Bistatic Radar Cross Section of the Ocean Surface for "Patch Scatter"
Lynch, L. (Ms.)	M.Eng.	2004	Hawboldt	Kinetic Modeling of a Sour Gas Incinerator
Yang, F. (Ms.)	M.Eng.	2004	Heys	Analysis and Implementation of Statistical Cipher Feedback Mode and Optimized Cipher Feedback Mode
Pelley, B.	M.Eng.	2004	Muzychka/Neis	Occupational Health and the Analytical and Numerical Modeling of Airflow Patterns in the Industrial Environment
Sparkes, J.	M.Eng.	2004	Quaicoe	Comparison of Controlled Rectifier and Chopper Power Supplies for DC Smelting Furnace Applications
Karmazin, M.	M.Eng.	2004	Rahman	Simplified Fuzzy Logic Controller Based Indirect Vector Control of an Induction Motor Drive
Nawaz, Y.	M.Eng.	2004	Venky/Gillard	Reduced Complexity Turbo Decoders
Xiao, L.	Ph.D.	2004	Heys	Implementation Analysis of Block Cipher Components and Structures
Cao, J.	Ph.D.	2004	Phillips/Popescu	Centrifuge Modeling and Numerical Analysis of the Behaviour of Suction Caissons in Clay
Azizian, A.	Ph.D.	2004	Popescu	The Seismic Analysis of Submarine Slopes: Retrogressive and Three-Dimensional Effects
Robertson, C.	Ph.D.	2004	Robinson	The Live Paper System
Wang, S.	M.Eng.	2005	Abdi//Hawboldt	A Study of Novel Membrane-Based Liquid-Gas Contractor
Lee, J.	M.Eng.	2005	Ahmed	On Adaptive MIMO Space-Time Processing
Adams, S. (Mrs.)	M.Eng.	2005	Bose	Environmental Monitoring of Effluent Plumes in Coastal Newfoundland
Humphrey, T. C.	M.Eng.	2005	Bose/C. Williams/Randell	Design and Fabrication of a Collective and Cyclic Pitch Propeller
Akinnola, Ayobamidele	M.Eng.	2005	Coles/Patel	Bioremediation of Diesel Contaminated Soil Using Biostimulation, Bioaugmentation and Bulking Agents
Green, D.	M.Eng.	2005	Gill	Extraction of Wind Speed from High Frequency Ground Wave Radar Oceanic Backscatter
Willcott, A.	M.Eng.	2005	Johansen/Khan	Reducing the Risk in Drilling Production Wells: A Multidisciplinary Approach
Khan, Md. M.	M.Eng.	2005	Khan/Iqbal	Reliability Analysis and Condition Monitoring of a Horizontal Axis Wind Turbine
Pula, R.	M.Eng.	2005	Khan/Veitch	An Integrated System for Consequence Analysis of Offshore Process Facilities
Begum, M.	M.Eng.	2005	Mann/Gosine	Robotic Mapping Using Soft Computing Methodologies
Mouland, D.	M.Eng.	2005	Mann/Gosine	Semi-Automated Characterization of Thin-Section Petrographic Images
Roy, P.	M.Eng.	2005	Mann/Gosine/Masek	Model Predictive Control of a Multivariable Soil Heating Process
Ganti, C.	M.Eng.	2005	Munaswamy	Analyses of Stress Intensity Factors for Structural Integrity in Mechanical Components
Pullela, R. (Ms.)	M.Eng.	2005	Munaswamy	Computation of Stress Intensity Factor for Through Cracks in Plates and Bending of Shells Using P-Version Finite Element Method
Handrigan, P.	M.Eng.	2005	O'Young	Distributed Systems, Hardware-in-the Loop Simulation and Applications in Control Systems
Parsons, S.	M.Eng.	2005	Phillips	The Assessment of Triggering Mechanisms Associated with Submarine Slope Failures on Continental Slopes Utilizing Centrifuge Testing
Vasisht, S.	M.Eng.	2005	Shirokoff	A Study of Preferred Orientations in Gold/Silica/Silicon Interfaces
Snow, G.	M.Eng.	2005	Shirokoff/Molgaard	Evaluation of the Corrosion Performance of 316 L Stainless Steel for Hydrometallurgical Processing of Voisey's Bay Nickel Concentrate
Alam, Md. R.	Ph.D.	2005	Swamidas/Munaswamy	Experimental and Numerical Investigations of Impact Splitting of Naturally Bedded Layered Slate Rock
Yu, N. (Ms.)	M.Eng.	2005	Heys	Compact Hardware Implementation of Advanced Encryption Standard with Concurrent Error Detection
Krishnasamy, L.	M.Eng.	2005	Haddara/Seshadri/Khan	The Implementation of a Risk Based Maintenance Policy to a Power Plant
Boyalla, Rajya Lakshmi (M)	M.Eng.	2005	Husain/Sadiq/Abdi	Formation and Modelling of Disinfection By-Products in Newfoundland Communities
Layden, D. (Ms)	M.Eng.	2005	Jeyasurya	Transient Stability Assessment and Preventive Control of Power Systems
Yi, Y.	M.Eng.	2005	Popescu/Adluri	R-Node Method and Its Application in Limit Analysis of Strip Foundations
El-Lababidy, S.	Ph.D.	2005	Bose/Liu, P.	Experimental Analysis and Evaluation of a Dynamic Positioning Thruster in Heavy Loading Conditions
Zhu, L.	M.Eng.	2006	Bose	Model Riser Test for Vortex Induced Vibration in a Sheared Current
Xu, J. (Ms.)	M.Eng.	2006	Bose	Particle Image Velocimetry Investigation of the Wake Fields of a Long Flexible Riser
Whittle, B.	M.Eng.	2006	Daley/Masek	Design of a Novel Piezoelectric Energy Harvesting Device for Low Frequency Environments
Hameed, F.	M.Eng.	2006	Dobre	Blind Modulation Classification of Linearly Digitally Modulated Signals
Mills, J.	M.Eng.	2006	Gosine/Mann	Development of an Automated Image Analysis System to Detect Beluga Whales in Aerial Photographs
Beronich, E.	M.Eng.	2006	Hawboldt/Abdi	Recovery of Natural Gas Liquids with Membranes from Associated Gas on Newfoundland and Labrador Offshore Production Facilities
Arifujjaman, Md.	M.Eng.	2006	Iqbal/Quaicoe	An Isolated Small Wind Turbine Emulator
Mackey, T.	M.Eng.	2006	Jordaan	Laboratory Indentation of Polycrystalline Ice: An Investigation of Fracture
Refaul Ferdous, Chowdhur	M.Eng.	2006	Khan/Aymotte/Veitch	Methodology for Computer Aided Fuzzy Fault Tree Analysis
Fitzpatrick, S.	M.Eng.	2006	Moloney/Williams, M.	Rotation and Scale Invariant Texture Segmentation Applied to SAR Sea Ice Images
Wilson, R. (Ms.)	M.Eng.	2006	O'Young	Discrete Event Modeling & Control of the Neonatal Resuscitation Algorithm
Collett, R.	M.Eng.	2006	Quaicoe	Security-Constrained Unit Commitment Planning Using Particle Swarm Optimization
Khan, Md. A.	M.Eng.	2006	Rahman	A Wavelet Packet Transform Based on-Line Technique for the Protection of Three-Phase Interior Permanent Magnet Motors
Li, X.	Ph.D.	2006	Bose/Baddour	Identification of Linear and Non-Linear Multi-Modal VIV Responses for Flexible Deepwater Risers
Chakrabarti, S.	Ph.D.	2006	Jeyasurya	Application of Artificial Neural Networks for Online Voltage Stability Monitoring and Enhancement of an Electric Power System
Millan, J.	Ph.D.	2006	O'Young	Online Discrete Event Control of Hybrid Systems
Vera, J.	M.Eng.	2006	Bass	Assessing Motion Stress Levels on Board Fishing Vessels of The Newfoundland Fleet
Kozarski, N. (Ms.)	M.Eng.	2006	Daley	Importance of Strain Hardening in Plastic Response of Rectangular Beams Subjected to Bending Loads
Jani, R.	M.Eng.	2006	Hinchey	Development of a Hydrocopter
Ruangwech, S. (Ms.)	M.Eng.	2006	Hinchey	Development of a Submersible Escape Capsule for Offshore Structures
Zhang, Q.	M.Eng.	2006	Hussein	Behaviour of Two-Way Slabs Reinforced with CFRP Bars
Ordonez, M.	M.Eng.	2006	Iqbal/Quaicoe	Fuel Cell Simulator System
Fang, X.	M.Eng.	2006	Masek	Design of a DSP-Based Impedance Measuring Instrument for Multiphase Flowmeter
Boone, K.	M.Eng.	2006	Muzychka/Johansen	A Study of Axial and Radial Flows for Annular Channels with Roughened Walls
Wang, Y. (Ms.)	M.Eng.	2006	Peters	Relational Specification of Interface Modules for Real-Time Systems

Piercey, G.	M.Eng.	2006	Phillips	Scaling of Buried Pipe Response in Sand to Surface Loads
Balakrishnan, R.	M.Eng.	2006	Seshadri	Fitness for Service Assessment of Corroded Pipelines
Swaminathan, S.	M.Eng.	2006	Seshadri	Shakedown and Ratcheting Behavior of Structures Under Thermal Cycling
Wongwitit, S.	M.Eng.	2006	Swamidas	Analysis of Free Vibration of Stiffened Plates Due to Variation in Component Dimensions and Weld Profiles
Taylor, R.	M.Eng.	2006	Veitch/Colbourne/Bose	Experimental Investigation of the Influence of Hub Taper Angle on the Performance of Push and Pull Configuration Podded Propellers
Billard, R.	M.Eng.	2006	Veitch/Raman-Nair	The Development of Physically Based Numerical Models for Real Time Simulation of Small Vessels in a Wave Environment
Khan, A.	Ph.D.	2006	Husain/Lye	Evaluation of Uncertainties in Mofat for Tier 3 RBCA
Attwood, D.	Ph.D.	2006	Khan/Veitch	A Reliability Approach to the Quantification of Occupational Accidents in the Offshore Oil and Gas Industry
Budipriyanto, A.	Ph.D.	2006	Swamidas/Haddara	Identification of Cracks on Orthogonally Stiffened Ship Plate Panels using On-Line Monitoring
Engram, J. T.	M.Eng.	2007	Gosine	Innovative Approach to Control of an Emulsion Loader
Cheng, H. (Ms)	M.Eng.	2007	Heys	Compact Hardware Implementations of Block Ciphers with Concurrent Error Detection
Small, S.	M.Eng.	2007	Jeyasurya	Multiple Objective Reactive Power Planning Using Genetic Algorithms
Doha, M.	M.Eng.	2007	Kenny/Khan	Design Concept for a Subsea Wellhead Subject to Iceberg Contact for Marginal Field Development - Grand Banks of Newfoundland
Wright, P.	M.Eng.	2007	Khan/Johansen	Optimizing Production Rates Through Enhanced Well Design
Wu, L. (Ms.)	M.Eng.	2007	Li	Performance Analysis and VLSI Design of a High-Speed Reconfigurable Shared Queue
Liu, H.	M.Eng.	2007	Lye	Analysis and Modelling of Daily Flows of Newfoundland Rivers
Hossin, Md.	M.Eng.	2007	Marzouk	Crack Analysis of Reinforced Concrete Two-Way Slabs
Yin, Hui	M.Eng.	2007	Qiu	Nonlinear Analysis of Mooring Lines and Marine Risers
Power, R.	M.Eng.	2007	Shirokoff/Molgaard	In-Situ Optical Microscopy, Potentiostatic and Potentiodynamic Studies of 316L Stainless Steel and Other Metals in Sulfuric Acid Solutions with Nickel, Chloride and Sulfates
Murrin, D.	Ph.D.	2007	Bose/Thornhill	A Three-dimensional Simulation of Vortex Induced Vibrations (VIV) on Marine Risers at High Reynolds Number using Computational Fluid Dynamics
Awad, Md.	Ph.D.	2007	Muzychka/Johansen/Haddara	Two-Phase Flow Modeling in Circular Pipes
Butt, C.	Ph.D.	2007	Rahman	Intelligent Speed Control of Interior Permanent Magnet Motor Drives
Karimi, A. (Ms.)	M.Eng.	2007	Abdi	Selective Dehydration of High Pressure Natural Gas Using Supersonic Nozzles
Arisi, J.	M.Eng.	2007	Coles	Leaching of Copper, Chromium and Arsenic from Utility Poles Treated with Chromated Copper Arsenate (CCA) in Newfoundland and Labrador
Jin, Q. (Ms.)	M.Eng.	2007	Gill/Walsh	An Algorithm for the Extraction of Ocean Surface Current Velocity from Bistatic HF Groundwave Radar Data - A Simulation
Ali, K.	M.Eng.	2007	Heys	An Algorithm to Analyze Substitution Permutation Network Resistance to Linear and Differential Cryptanalysis
Rahman, A.	M.Eng.	2007	Husain	Canadian Bottled Water Industry - Technological, Economic and Environmental Perspectives
Chaudhary, J.	M.Eng.	2007	Husain	Impact of Climate Change on Human Health in the Coastal Gulf Region Using Data from Global Climate Models
Meng, Y.	M.Eng.	2007	Jeyasurya	Transmission Cost Calculation for Restructured Electric Power Systems
Thangasamy, C.	M.Eng.	2007	Khan/Haddara	Inspection Optimization Based on Risk Based Approach
Nan, C.	M.Eng.	2007	Khan/Iqbal	Safety Instrumented System for Process Operation Based on Real-Time Monitoring
Wang, T.	M.Eng.	2007	Li/Ahmed	Adaptive Channel Estimation and Frequency Domain Channel Equalization in DS-CDMA/OFDM Composite Radio Environment for Software Defined Radio Receivers
Harinath, E.	M.Eng.	2007	Mann	Design and Tuning of Fuzzy PID Controllers for Multivariable Process Systems
Lewis, R.	M.Eng.	2007	O'Young	Impedance Matching Feed Network to Improve Microstrip Antenna Manufacturability
Shaker, P.	M.Eng.	2007	Peters	Detecting Concern Interactions in Aspect-Oriented Designs
Fowlow, D.C.	M.Eng.	2007	Phillips/McKenna	Wellhead Protection Concepts for Subsea Marginal Developments - Grand Banks of Newfoundland
Xie, B.	M.Eng.	2007	Quaicoe	Artificial Neural Network Based Scheme for Coltage and Harmonic Compensation
Tucker, K.	M.Eng.	2007	Swamidas/Haldar	Numerical Validation of Dynamic Transmission Line Loads Using Full-Scale and Small-Scale Test Results
Molyneux, D.	Ph.D.	2007	Bose	Escort Tug Hydrodynamics: Analysis of Flow Around Ships at Large Yaw Angles
Sarkar, S. (Ms.)	Ph.D.	2007	Bose	Submersible Walking Dredger/Miner
Wang, Jungyong	Ph.D.	2007	Bose/Liu	Prediction of Propeller Performance on a Model Podded Propulsor in Ice (Propeller-Ice Interaction)
Molloy, S. (Ms.)	Ph.D.	2007	Bose/Veitch	Uncertainty Analysis of Ship Powering Prediction Methods Using Monte Carlo Simulation
Huq, R.	Ph.D.	2007	Gosine/Mann	Behavior-Based Robot Control Using Fuzzy Discrete Event System
Thanyamanta, W. (Ms.)	Ph.D.	2007	Johansen/Hawboldt	Well Modeling Incorporating Compositional and Non-Isothermal Effects
Li, C.	Ph.D.	2007	Jordaan	Methodology of Ice Estimation and Associated Mechanics
Jafari Mehrabadi, A.	Ph.D.	2007	Popescu	Seismic Liquefaction Countermeasures for Waterfront Slopes
Saleh, S.	Ph.D.	2007	Rahman	Wavelet Modulated DC-AC Power Inverters
Indermohan, H.	Ph.D.	2007	Seshadri	Variational Principles Based Methods for Integrity Assessments
Tantichattantont, P. (Ms.)	Ph.D.	2007	Seshadri/Adluri	Fitness for-Service Assessment for Thermal Hot Spots and Corrosion in Pressure Vessels
He, M.	Ph.D.	2007	Veitch/Liu	Propeller Wake Impingement on a Strut
O'Reilly, M.	M.Eng.	2008	Daley/Masek	Design, Construction, and Evaluation of a Naval Strain Sensor for Active Structures
Khan, Md. N.	M.Eng.	2008	Iqbal/Hinchev	A Micro Seafloor Marine Current Energy Conversion System
Pike, K.	M.Eng.	2008	Kenny	Protection of Subsea Infrastructure in Ice Environments
Ikki, S.	Ph.D.	2008	Ahmed/Dobre/Li	Performance Analysis of Cooperative Diversity Networks with Different Relaying and Combining Techniques
Chen, H.	M.Eng.	2008	Ahmed/Venkatesan	The Performance of Cooperative-Diversity Wireless Networks Using Adaptive Modulation
Shanaa, J.	M.Eng.	2008	Bose/Husain	Modeling and Plume Tracking Study of a Newfoundland Coastal Outfall
Rowse, D.	M.Eng.	2008	Gill/Power/Rendall	Narrowband Coherent Radar Utilizing Stepped Frequency Modulation
Anderson, J.	M.Eng.	2008	Heys	Side Channel Analysis of Stream Cipher Hardware
Mofarragh, A.	M.Eng.	2008	Husain/Hawboldt	Decision Making Tool for Produced Water Management: An Application of Multicriteria Decision Making Approach
Sekaran, K.	M.Eng.	2008	Jeyasurya	Power System State Estimation
Abukharma, R.	M.Eng.	2008	Khan/Haddara	The Implementation of a Probabilistic Risk Based Inspection Approach

Amarasinghe, M	Ph.D.	2008	Mann/Gosine/Masek	Multisensor Based Environment Modeling and Control Applications for Mobile Robots
Ghimire, A.	M.Eng.	2008	Bose/Qiu/Raman-Nair	A Parametric Study of Vortex-Induced Vibration of a Long Flexible Marine Riser
Gardiye, P.	M.Eng.	2008	Dobre	On the Cyclostationarity of Orthogonal Frequency Division Multiplexing and Single Carrier Linear Digital Modulations: Theoretical Developments and Applications
Vongporm, Y	M.Eng.	2008	Hawboldt/Coles/Bottaro	Thiosalt Behaviour In Aqueous Media
Edge, J	M.Eng.	2008	Hawboldt/Muzychka	Dilute Metal Recovery from Hydrometallurgical Process Waste Streams
Yan, J.	M.Eng.	2008	Heys	Hardware Implementation of the Salsa20 and Phelix Stream Ciphers
Zhang, L.	M.Eng.	2008	Heys	New Methods for the Implementation of Statistical Cipher Feedback Mode
Snow, M.	M.Eng.	2008	Iqbal/Bose	Control of a Hybrid Energy System
Ahshan, R.	M.Eng.	2008	Iqbal/Mann	Control System for Small Induction Generator Based Wind Turbines
Stuckey, P.	M.Eng.	2008	Jordaan	Drift Speed Distribution of Iceberg's on the Grand Banks and Influence on Design Loads
Wang, P.	M.Eng.	2008	Li	Wireless Sensor Network: Energy Efficiency, Security, and Fault Tolerance
Gao, W.	M.Eng.	2008	Li/Venketesan	Pulse Shape Design for Ultra Wide Band Communications
Eltom, E.	M.Eng.	2008	Marzouk	Behavior of Two-Way slabs Reinforced with GFRP Bars
Zhang, S.	M.Eng.	2008	Moloney	The Nonredundant Contourlet Transform (NRCT): A Multiresolution and Multidirection Image Representation with Perfect Reconstruction Property
Zhang, D.	M.Eng.	2008	Norvell	Intermediate Representations for Parallel Languages on CGRAS
White, C.	M.Eng.	2008	O'Young	Control of Hybrid Energy System
Yang, Q.	M.Eng.	2008	Qiu	Numerical Solution of 2-D Slamming Problem with a CIP Method
Niu, H.	Ph.D.	2008	Husain/Veitch/Bose	Dispersion of Offshore Discharged Produced Water in the Marine Environment: Hydrodynamic Modeling and Experimental Study
Shahidi, R.	Ph.D.	2008	Moloney	Novel High-Quality Variational Image Decomposition Models and their Applications
Duan, Z.	Ph.D.	2008	Muzychka	Analysis of Slip flow in Microchannels
Nazir, M.	Ph.D.	2008	Sadiq/Khan/Haddara	Quantitative Risk Assessment of a Marine Riser: An Integrated Approach
Fanous, I.	Ph.D.	2008	Seshadri	Advances in Robust Methods for Limit Load Analysis
Balash, C.	M.Eng.	2008	Colburne/Bose/Ramn-Nair	Aquaculture Net Drag Force and Added Mass Scaling
Brophy, M.	M.Eng.	2008	O'Young	Egomotion Estimation for Vehicle Control
Coulter, S.	M.Eng.	2008	Phillips	Seismic Initiation of Submarine Slope Failures Using Physical Modeling in a Geotechnical Centrifuge
Chen, S.	M.Eng.	2008	Venkatesan/Gillard	A Vector Floating Point Processing Unit Design
Adibiasl, R	Ph.D.	2008	Seshadri	Simplified Limit Load Determination for Integrity Assessment
Talukder, Md.	M.Eng.	2009	Butt/Popescu/Phillips	Seismic Response of Pile Foundation in Saturated Sand Using Beam on Nonlinear Winkler Foundation Approach
Jing, Liang	M.Eng.	2009	Chen	Field Investigation and Hydrological Modelling of a Sub-arctic Wetland System by SLURP and WATFLOOD
Li, P.	M.Eng.	2009	Chen/Husain	Development of an Enhanced Adaptive Resonance Theory Mapping System for Watershed Classification
Abraham, J.	M.Eng.	2009	Daley	Plastic Response of Ship Structure Subjected to Ice Loading
Alam, Md. J.	M.Eng.	2009	Iqbal	Design and Development of Marine Current Energy Conversion System Using Hybrid Vertical Axis Turbine
Islam, S.	M.Eng.	2009	Iqbal/Quaicoe	Grid Impact of Wind Energy on Isolated and Remote Power System
Kong, J. (Ms.)	M.Eng.	2009	Jeyasurya	Optimization Methods Applied for Electric Power Systems
Kalantarnia, M. (Ms.)	M.Eng.	2009	Khan/Hawboldt	Dynamic Risk Assessment using Accident Precursor Data and Bayesian Theory
Puthukkudichalil, S. (Ms.)	M.Eng.	2009	Krougicof/Gosine	The Question of Accuracy in Camera Calibration and a Novel Technique for Estimating Camera Geometry
Gamage Don, G.	M.Eng.	2009	Mann/Gosine	Decentralized Leader Follower Based Formation Control Strategies for Multiple Nonholonomic Mobile Robots
Pashapour, E. (Ms.)	M.Eng.	2009	Masek	Capacitive Array Sensor for Two-Phase Liquid Characterization
Mahmud, F.	M.Eng.	2009	Muzychka	Experimental Measurement of Thermal-Hydraulic Characteristics at Low Reynolds Number in Wavy Fin Heat Exchangers
Liu, L. (Ms.)	M.Eng.	2009	Qiu	Computation of Propeller Tip Vortex Flow
Guo, C.	M.Eng.	2009	Qiu/Veitch	Computation of Response Functions Based on the Frequency-Domain Solution
Adibiasl, H.	M.Eng.	2009	Rideout	Active Suspension Tuning for Vehicle Convoys
Haq, K.	M.Eng.	2009	Rideout	Automated Model Complexity Monitoring and Adjustment Using Bond Graphs
Khan, Md. T.	M.Eng.	2009	Rideout	Modeling and Simulation of Flexible Frames for Proper Modeling of Heavy Truck Dynamics
Burse, D.	M.Eng.	2009	Shirokoff	A Study of the Pitting Behavior of 316L As-welded Stainless Steel Joints in FeCl3 Solution
Ou, Yan Zhen (Ms.)	M.Eng.	2009	Snelgrove	Hydrological Modeling in the Marmot Creek Basin
Sabrah, T.	Ph.D.	2009	Marzouk/Hussein	Cracking Behavior of GFRP-Reinforced Concrete Panels Under Uniaxial and Biaxial Tension
Hossain, M.	Ph.D.	2009	Seshadri	Simplified Design and Integrity Assessment of Pressure Components and Structures
Liu, J.	Ph.D.	2009	Williams, M.	Mathematical Modeling Ice-Hull Interaction for Real Time Simulations of Ship Manoeuvring in Level Ice
Lu, S.	M.Eng.	2009	Bording	Genetic Algorithm Design for Ray Tracing and Hardware Implementation
Zhang, X.	M.Eng.	2009	Bording	Least-time Path Fast Marching Method for Seismic Travel Time Computing:Theory and Implementation
Stone, G.	M.Eng.	2009	Bose	The Design, Assembly and Testing of a Large Scale Model Riser for Vortex Induced Vibrations
Roberts, J.	M.Eng.	2009	Bruneau/Snelgrove	Micro Wind Energy System in Harsh Environments
Ping, Jing (Ms.)	M.Eng.	2009	Chen/Husain	Risk Assessment for Ambient Air Quality by Integrated Stochastic and Fuzzy Approaches
Rageh, O.	M.Eng.	2009	Coles	Removal of Arsenic from Newfoundland Water Using Impregnated Peat
Quinton, B.	M.Eng.	2009	Daley/Gagnon	Progressive Damage to a Ship's Structure Due to Ice
Shafaat, J.	M.Eng.	2009	Haddara/Fisher	Reliability Modeling and Failure Analysis of Biotelemetry Data-Recorder Tags
Mahmoud, N.	M.Eng.	2009	Husain/Hawboldt/	Study of Ecological Risk Assessment of PAHs and Phenols in Produced Water After Participating in the Water Phase
Buglar, E.	M.Eng.	2009	Jeyasurya	Load Curtailment on Isolated Power Systems
Liu, J.	M.Eng.	2009	Johansen/Khan	Three-phase Network Simulator for Horizontal Wells with Complex Advanced Well Completions
Bruce, J.	M.Eng.	2009	Jordaan	Level Ice Interaction with Conical and Sloping Offshore Structures

Barrett, J.	M.Eng.	2009	Kenny/Phillips	Investigation of the Buckling Behaviour of Circumferentially Welded Pipelines
Khalifa, Md.	M.Eng.	2009	Khan/Haddara	Selection of an Optimal Non-Destructive Inspection Technique for Welded Components
Caines, J.	M.Eng.	2009	Khan/Kenny	Engineering Assessment of Ice Gouge Statistics from the Canadian & American Arctic Oceans
Ferdous, S. (Ms.)	M.Eng.	2009	Mann	A Topological Approach to OnLine Autonomous Map Building for Mobile Robot Navigation
Arvani, Farid	M.Eng.	2009	Mann/Gosine/Fisher	A Probabilistic Roadmap Based Path Planning for Visual Servo of Robotic Manipulators
Li, X.	M.Eng.	2009	Norvell	Analysis and Compilation Techniques for HARPO/L
Churchill, S.	M.Eng.	2009	Randell/Power/Gill	Sensor and Data Fusion of Remotely Sensed Wide-Area Geospatial Targets
Liu, X. (Ms)	M.Eng.	2009	Snelgrove	Modelling Evaporation from Wetland Lichen and Moss Tundra in Churchill, Manitoba
Jassim, E.	Ph.D.	2009	Abdi/Muzychka	Locating Hydrate Deposition in Multiphase Compressed Natural Gas Flow Lines Using Computational Fluid Dynamics Techniques
Azarsina, F.	Ph.D.	2009	Bachmayer/Bose/Williams	Experimental Hydrodynamics and Simulation of Manoeuvring of an Axisymmetric Underwater Vehicle
Zhang, J.	Ph.D.	2009	Gill/Walsh	On the Variability of Doppler Spectra in HF Ground Wave Radar Remote Sensing over the Ocean Surface: An Investigation Based on Pulsed and Frequency Modulated Sources
Ordonez, M.	Ph.D.	2009	Iqbal/Quaicoe	High Performance Fuel Cell Power Generation System for Stand-Alone Applications
Chakraborty, P.	Ph.D.	2009	Phillips/Popescu	Seismic Liquefaction of Heterogeneous Soil: Mechanism and Effects on Structural Response
Islam, Md.	Ph.D.	2009	Veitch/Liu	Performance Study of Podded Propellers with Varied Grometry and Azimuthing Conditions
Azam, Md. Ali	M.Eng.	2010	Alam/Khan	Investigation of Organic Losses in Solvent Extraction Circuit Due to Solubility/Degradation
Claus, Brian	M.Eng.	2010	Bachmayer	Development of an Underwater Glider Equipped with an Auxiliary Propulsion Module
Mercer, Thomas	M.Eng.	2010	Bose	A Vocational Education Training Model for ROV Pilots and AUV Operators
Almatarneh, Rabie	M.Eng.	2010	Dobre/Ahmed	The Performance of OFDMA Wireless Systems using PF Scheduling
Al-Habashna, Ala'a	M.Eng.	2010	Dobre/Venkatesan	Joint Detection and Classification of the OFDM-Based Mobile WiMAX and LTE Signals for Cognitive Radio
Wu, Xueyin	M.Eng.	2010	Fisher	A Rapid Development Process for Marine Propellers Through Design, Simulation and Prototyping
Haghighi, Mohammad	M.Eng.	2010	Hawboldt/Abdi	Supersonic Separators: A Gas Dehydration Device
Huang, Yaping	M.Eng.	2010	Heys	Analysis and Hardware Implement of Synchronization Methods for Stream Ciphers
Marul-ul-Karim, Md.	M.Eng.	2010	Iqbal	Dynamic Modeling of a Wind-Diesel-Hydrogen Hybrid Power System
Bao, Huizhi	M.Eng.	2010	Iqbal/Khan	Risk-Based Fault Diagnosis and Safety Management for Process Systems
Nashim, Sanjala	M.Eng.	2010	Khan/Hawboldt/Alam	Vent Sizing of Oil Field Chemicals
Hossain, Md. Raju	M.Eng.	2010	Krouglicof	Dynamics Modeling and Control of a Quad-rotor Helicopter
Liu, Yuting	M.Eng.	2010	Li/Venkatesan	Channel Assignments Utilizing Partially Overlapping Channels for Wireless Mesh Networks
Tom, Melissa	M.Eng.	2010	Lye	Adapting Remotely Sensed Snow Data for Daily Flow Modeling on the Upper Humber River, Newfoundland and Labrador
Alawneh, Shadi	M.Eng.	2010	Peters	Test Driven Development with Oracles and Formal Specifications
Mahmood, Sakib	M.Eng.	2010	Seshadri/Haddara	Development of Simplified Limit Analysis Techniques and their Applications to Ship Structure Components
Hasan Banna, Muinul	M.Eng.	2010	Shirokoff/Molgaard	Evaluation of Fibreglass Reinforced Polymer Resins in Hydrometallurgical Process Solutions and their Performance using ASTM and Modified ASTM Tests
Pryse-Phillips, Amy	M.Eng.	2010	Snelgrove	Modelling the Effects of Climate Change on Streamflow in a Sub-basin of the Lower Churchill River
Rashed, Abu	M.Eng.	2010	Snelgrove	Prediction of Hydrologic Fluxes over the Marmot Basin Using Small Scale Distributed Hydrologic Model
Kennedy, Allison	M.Eng.	2010	Veitch/Seimos Re	Limitations of Lifeboats Operating in Ice Environments
Wang, Guan	M.Eng.	2010	Venkatesan	Hardware Implementation of a Pipelined Turbo Decoder
Alam, Md. Shah	Ph.D.	2010	Hussein	Influence of Different Parameters on Shear Strength of FRP Reinforced Concrete Beams without Web Reinforcement
Khan, Md. Jahangir	Ph.D.	2010	Iqbal/Quaicoe	Adaptive Power Tracking Control of Hydrokinetic Energy Conversion Systems
Arifujjaman, Md.	Ph.D.	2010	Iqbal/Quaicoe	Performance and Reliability Comparison of Grid Connected Small Wind Turbine Systems
Agboma, Clement	Ph.D.	2010	Lye	Subsurface Moisture Storage patterns Derived from Hydrologic Model and Satellite Measurements During Extreme Period of Dryness
Dawood, Nabil	Ph.D.	2010	Marzouk	Behavior of Steel Reinforced Concrete Panels Subjected to Direct Tension
Rizk, Emad	Ph.D.	2010	Marzouk	Structural Behaviour of Thick Concrete Plates
Timmins, Ian	Ph.D.	2010	O'Young	The Development of Novel Marine Communications Channel Models Using Theoretically-Based and Numerical Electromagnetic Simulation Methods
Balage, Dilhan	M.Eng.	2010	Mann/Khan	Multi Robot FastSLAM
Al-Habashneh, Al-Abbass	M.Eng.	2010	Ahmed/Husain	MAC Protocols for Wireless Sensor Networks in Forest Fire Detection
Hossain, Mirza	M.Eng.	2010	Alam/Abdi	Removal of Impurities from Electrolyte Solution to Produce Pure Metals
Shahwan, Abdelmoein	M.Eng.	2010	Chen	Modeling of the Water Supply System in the City of St. John's, Newfoundland
Lane, Stephen	M.Eng.	2010	Friis/Qiu	The Effect of Bulbous Bows on the Resistance and Powering Performance of a Forty-five Foot Trawler Yacht
Cai, Jingjing	M.Eng.	2010	Hawboldt/Abdi	Natural Gas Processing Using Dual Hollow Fiber Membrane Contactors
Kidney, Brian	M.Eng.	2010	Heys/Norvell	An Investigation of Data-Dependent Structures in Cryptographic Ciphers
Khandokar, Afsana	M.Eng.	2010	Husain	Air Pollution Modeling for Petrochemical Industries in Coastal Areas
Chowdhury, Mohammad	M.Eng.	2010	Husain	Probabilistic Human Health Risk Assessment from Offshore Produced Water
Moury, Sanjida	M.Eng.	2010	Iqbal	Design of Low Speed Axial Flux Permanent Magnet Generators for Marine Current Application
Saif, Sadia	M.Eng.	2010	Khan	An Integrated Approach for Assessing Human Health Risk in Process Facility
Liu, Jingjing	M.Eng.	2010	Khan/Hawboldt/Fisher	A Risk-Based Life Cycle Assessment of Opal Petrol and BP Regular Unleaded Petrol
Rahman, Taufiqur	M.Eng.	2010	Krouglicof	Highly Accurate Vision Based Surface Reconstruction
Cai, Haijie	M.Eng.	2010	Lye	Floor Forecasting on the Humber River Using an Artificial Neural Network Approach
Harvey, Richard	M.Eng.	2010	Lye	Statistical Regression Models and Control Charts for the Newfoundland Real Time Water Quality Network
Whitt, Christopher	M.Eng.	2010	Moloney	Analysis and Design of Broadband Acoustic Beamformers
Mofarah Fathi, Leila	M.Eng.	2010	Norvell	Formal Algorithm Design Approaches for Dynamic Programming and Greedy Algorithms
Yang, Wei	M.Eng.	2010	Phillips/Kenny	Physical Modeling of Subgouge Deformations in Sand
Steel, Abigail	Ph.D.	2010	Hawboldt/Khan	Nickel Hydrometallurgical Waste Residue Characterization, Geochemical Reactive Transport Modeling and Disposal Risk Management
Taylor, Rocky	Ph.D.	2010	Jordaan/Derradji/Veitch	Analysis of Scale Effect in Compressive Ice Failure and Implications for Design
Abbassi, Rouzbeh	Ph.D.	2010	Khan/Hawboldt/Abdi	Mining Treatment Effluent Pond Modeling: A Risk-based Approach

Hossain, Khandoker	Ph.D.	2010	Khan/Hawboldt/Chen	Integrated Approach for Pollution Prevention in Process Design and Decision-Making
Khan, Md. Abdesh	Ph.D.	2010	Rahman/George/Hinchey	A Wavelet Based Speed Controller for Interior Permanent Magnet Motor Drives
Shirin Lina, Farhana	M.Eng.	2010	Iqbal	Remote Control of Distributed Generation System
Ahmad, Forhad	M.Eng.	2010	Seshadri	Fitness for Service Assessment of Liquid Storage Tanks
Yu, Xiao	M.Eng.	2011	Adluri	Direct Secant Estimation of Limit Behaviour of Framed Structures
Abtahi, Alireza	M.Eng.	2011	Butt/Molgaard	Bit Wear Analysis and Optimization for Vibration Assisted Rotary Drilling (VARD) using Impregnated Diamond Bits
Akbari, Babak	M.Eng.	2011	Butt/Munaswamy	Polycrystalline Diamond Compact Bit-Rock Interaction
Jiang, Xiao	M.Eng.	2011	Coles	Study on Optimum Conditions for Diesel Spill Removal Application by a Natural Resource - Peat
Islam, Khademul	M.Eng.	2011	Iqbal	Sizing and Control of Flywheel Energy Storage for Ramea Wind-Hydrogen-Diesel Hybrid Power System
Weng, Lei	M.Eng.	2011	Jeyasurya	Effectiveness of Reactive Power Sources for Power System Performance Enhancement
Skinner, Justin	M.Eng.	2011	Johansen/Khan	Near Wellbore Streamline Modeling for Advanced Well Completions
Hassan, Md. Jakiul	M.Eng.	2011	Khan	Risk Based Asset Integrity Indicators
Rathnayaka, Werasekara	M.Eng.	2011	Khan	Ship Methodology Predictive Accident Modeling Approach
Keshavarz, Ghaffar	M.Eng.	2011	Khan/Hawboldt	Fire and Explosion Consequence Modeling in the Arctic Region
Busura, Saheed	M.Eng.	2011	Khan/Hawboldt	Quantitative Risk Assessment of Thermal Hazardous Reactions with Case Study
Wang, Zehua	M.Eng.	2011	Li/Chen	Opportunistic and Cooperative Forwarding in Mobile Ad-hoc Networks with Light-Weight Proactive Source Routing
Ibrahim, Mohamed Darw	M.Eng.	2011	Lye/Khan, A/Puestow	Integration of Real Time and Satellite Water Quality Monitoring Systems: Case Study Lake Manzalah, Egypt
Mintu, Md. Shafiul	M.Eng.	2011	Qiu	RANS Computation of Propeller Tip Vortex Flow for Steady and Unsteady Cases
Zubayer, Hossan	M.Eng.	2011	Rahman	Design Analysis of Line-start Interior Permanent Magnet Synchronous Motor
He, Rui	M.Eng.	2011	Zhang, L	TCG-Based Placement Design Handling Complex Topological Constraints for Integrated Circuit Layouts
Issac, Manoj	Ph.D.	2011	Bose/Williams, C/ Bachmayer	Analysis of Full-Scale Sea-Trials Manoeuvring Data and Development and Validation of a Motion-Simulation Model for the AUV "MUN Explorer"
Asapo, Emmanuel	Ph.D.	2011	Coles	An Adsorption Study of Nicel and Cobolt on Saprist Newfoundland Peat
Yang, Ming	Ph.D.	2011	Khan/Amyotte	Risk and Pollution Prevention Focused Environmental Management System (RP2EMS): A Case of Offshore Oil and Gas Operations
Thodi, PremKumar	Ph.D.	2011	Khan/Haddara	Risk Based Integrity Modeling for the Optimal Maintenance Strategies of Offshore Process Components
Waheed, Bushra	Ph.D.	2011	Khan/Veitch	Quantitative Assessment of Sustainability Using Linkage-Based Frameworks: A Case Study of Universities
Zhang, Wei	M.Eng.	2011	Butt/Molgaard	Development of New Technology of Impregnated Diamond Coring Bit Wear Measurement in Conventional Rotary Drilling and Vibration Assisted Rotary Drilling
Li, Heng	M.Eng.	2011	Butt/Munaswamy	Experimental Investigation of the Rate of Penetration of Vibration Assisted Rotary Drilling
Zhang, Qiyun	M.Eng.	2011	Dobre	Second-Order Cyclostationarity of CP-SCLD Signals
Gardner, Alexander	M.Eng.	2011	Friis	Evaluation of Bulbous Bows on a Inshore Fishing Vessel
Jayasinghe, Punyama	M.Eng.	2011	Hawboldt	Biofuels From Fish Waste From Remote Fish Processing Plants in Newfoundland and Labrador
Zhang, Xueying	M.Eng.	2011	Heys/Li	Energy Efficiency in Secure Wireless Sensor Networks
MacNeill, J. Andrew	M.Eng.	2011	Hinchey	The Design, Manufacture & Testing of a Podded Propulsor Instrumentation Package
Matbouli, Yasser	M.Eng.	2011	Husain	Tunnel Air Quality Modeling: A Case Study of the Souk Sagheer Traffic Tunnel, Makkah, Saudi Arabia
Acevedo, Juan	M.Eng.	2011	Iqbal	Communication System for the Remote Hybrid Power Systems in Ramea Newfoundland
Trina, Sameena	M.Eng.	2011	Johansen	An Integrated Horizontal and Vertical Flow Simulation with an Application to Wax Precipitation
Hashem, Marjan	M.Eng.	2011	Johansen	Near Well Bore Streamline Simulation
Browne, Gregory	M.Eng.	2011	Krouglicof	A Driven Approach to Proper Vehicle Modeling and Model Validation
Dunford, Joseph	M.Eng.	2011	Munaswamy	Dynamic Response Analysis of Transmission Towers After Conductor Breakage Using ADINA
Wu, Shuang	M.Eng.	2011	Norvell	Dataflow Synthesis and Verification for Parellel Object-Oriented Programming Languages
Cove, S. Robert	M.Eng.	2011	Ordonez/Quaicoe	Design Methodology for the Control of Planar Transformer Parasitics
Sayed, Tanvir	M.Eng.	2011	Peng/Veitch	Numerical Simulatio of Planing Hull I Regular Waves
Anstey, Jonathan	M.Eng.	2011	Peters	Time Series Novelty Detection with Application to production Sensor Systems
Downer, Lee	M.Eng.	2011	Rideout	Detecting Damage in Beams and Structures through Modal Analysis
Sazidy, Mahmud	M.Eng.	2011	Rideout/Butt	Modeling and Validation of Percussive Drilling Performance in a Simulated Visco-Elasto-Plastic Rock Medium
Liu, Zheng	M.Eng.	2011	Zhang, L	Performance-Driven Parasitic-Aware Layout Retargeting and Optimization for Analog and RF Integrated Circuits
Mahdavi, Amiri, Hiva	Ph.D.	2011	Kenny/Phillips/Popescu	Influence of Soil Confinement on Local Buckling Behavior of Buried Pipelines
Refaul Ferdous, Chowdh	Ph.D.	2011	Khan/Veitch/Amyotte/Rehan	Quantitative Risk Analysis in an Uncertain and Dynamic Environment
Gudimetla, Phani S. Redd	Ph.D.	2011	Seshadri/Munaswamy/Hawladar	Reference Volume Consideration in Limit Load Determination
Vellore, Padmini	Ph.D.	2011	Venkatesan/Gillard/Ahmed	A Robust Multicast Routing Protocol for Ad Hoc Networks
Yu, Yuanlong	Ph.D.	2011	Mann/Gosine/McGuire	Cognitive Visual Perception Mechanism for Robots using Object-based Visual Attention
El Badawe, Mohamed K.	M.Eng.	2012	Iqbal/Mann	Optimal Sizing, Modelling and Design of a Supervisory Controller of a Stand-Alone Hybrid Energy System
Mehfuz, Omir	M.Eng.	2012	Alam	Metals Recovery From Waste Solution Using Bioadsorbents Derived From Biomass Wastes
Zhou, Mingxi	M.Eng.	2012	Bachmayer	The Approach of Improving the Roll Control of a Slocum Autonomous Underwater Glider
Chini, Reza	M.Eng.	2012	Bachmayer/Ordonez	Marine Energy Harvesting from Low Cut-In Speeds: Design, Optimization and Analysis of a Horizontal Axis Ocean Current Turbine
Bagheri, Hamed	M.Eng.	2012	Bachmayer/Vardy	Strategies for Filtering Incorrect Matches in Seabed Image Mosaicing
Khorshidian, Hossein	M.Eng.	2012	Butt	Phenomena Affecting Penetration Mechanism of Polycrystalline Diamond Compact Bit
Pronin, Oleksii	M.Eng.	2012	Butt	Pulse-Cavitation Vibrating Drilling Prototype Development and Evaluation\
Zong, Rui	M.Eng.	2012	Daley	Finite Element Analysis of Ship-Ice Collision Using Dyna
Elliott, Bradley J.	M.Eng.	2012	Hawladar/Zakeri	Centrifuge Modeling of Steel Catenary Risers in the Touchdown Zone
Rossiter, Christopher	M.Eng.	2012	Kenny/Paulin	Assessment of Ice/Soil and Pipeline/Soil Interactions: Continuum Modeling in Clay
Adams, Susan	M.Eng.	2012	Khan	Integrity Management of Subsea Flexible Pipelines
Ahmed, Abdullah A.	M.Eng.	2012	L. Zhang	Fast Parasitic-Aware Synthesis Methodology for High Performance Analog and RF Circuits
Ross-Jones, Jesse A.	M.Eng.	2012	O'Young	Acoustic Detection of Aircraft from an Airborne Platform
Watts, Gracie	M.Eng.	2012	Peng/Qiu	Wave Component Identification in Shallow Water Regions
Ghanim, Dawe	M.Eng.	2012	Rahman	Experimental Determination of Equivalent Circuit Parameters for a Laboratory Salient-Ole Synchronous Generator

Rahman, MD. Mustafizur	M.Eng.	2012	Rideout	Simulation of Preview Controlled Active Suspension for Convoy Vehicles
Emtehani Jahromi, Kambi	M.Eng.	2012	Rideout/Butt	Drill String Axial Vibration and Sonic Head Analysis
Sarker, Md. Mejbahul	M.Eng.	2012	Rideout/Butt	Modeling, Simulation and Control of Stick-Slip and Bit-Bounce Vibration in an Oilwell Drillstring
Wang, Cheng	Ph.D.	2012	Heys/L. Zhang/Venky	Flexible and Resource Efficient Design for Hardware Implementation of the Advanced Encryption Standard
Khakzad-Rostami, Nima	Ph.D.	2012	Khan/Amyotte/Imtiaz	Dynamic Safety Analysis using Advanced Approaches
Khalifa, Mohammed	Ph.D.	2012	Khan/Kenny/Haddara	Optimal Risk-Based Inspection and Maintenance (RBIM) Planning for Process Assets
Rasheed, Talha	M.Eng.	2012	Ahmed/Dobre	User Pairing and Network Performance Optimization in Cooperative Wireless Network Coding
He, Liangjie	M.Eng.	2012	Bording	A Travel-time Engine for Seismic Petroleum Applications
Yusuf, Babatunde	M.Eng.	2012	Butt/Molgaard	The Effects of Varying Vibration Frequency and Power on Efficiency in Vibration Assisted Rotary Drilling
Chen, Yuan	M.Eng.	2012	Chen/Hawboldt	Field Investigation and Water Quality Modeling of Metals in a Coastal Watershed by DYNHYD5 and WASP
Very, Stephen	M.Eng.	2012	Colbourne	Comparison of DP Performance Prediction Techniques for Scaled Models
Chen, Jie	M.Eng.	2012	Gillard/Li	Performance Evaluation of Network-on-Chip Architectures
Adeoti, Ibraheem	M.Eng.	2012	Hawboldt	Characterization and Alternative Use Study of Fly Ash
Haque, Tanjila	M.Eng.	2012	Iqbal	Modeling and Comparison of Dynamics of AC and DC Coupled Remote Hybrid Power Systems
Hassan, Md. Imtiaz	M.Eng.	2012	Iqbal/Hinchey	Twisted Savonius Turbine Based Marine Current Energy Conversion System
Thomas, Brandon	M.Eng.	2012	Johansen	Dynamic Reservoir Tank Modeling with Coupled Wellbore Model
Browne, Thomas	M.Eng.	2012	Jordaan/Taylor	Analysis of Compressive Ice Failure During Ice-Structure Interaction
Aljaroudi, Alireda	M.Eng.	2012	Khan/Haddara	Ultrasonic Guided Waves Applications for Locating and Quantifying Pipelines Defects
Hicks, Dion	M.Eng.	2012	Krougicof	A Steward-Gough Platform Based on a Novel Voice Coil Actuator and SOPC Controller for Opto-Mechatronic Applications
Fazilatunnessa	M.Eng.	2012	Norvell/Peters	Techniques for Developing Verified Concurrent Programs Based on Monitors and Semaphores
Murrant, Kevin	M.Eng.	2012	O'Young	Attitude and Heading Reference System for Small Unmanned Aircraft Collision Avoidance Maneuvers
Bhawsinka, Karan	M.Eng.	2012	Peng/Veitch	Maneuvering Simulation of Displacement Type Ship and Planing Hull
Cole, Tyler	M.Eng.	2012	Qiu	Solving the Radiation Problem in the Time Domain with a Panel Method
Ma, Peter	M.Eng.	2012	Qiu	Time-Domain Simulation of Vortex-Induced Vibration for Deepwater Marine Risers
Zhang, Min	M.Eng.	2012	Qiu/Peng	Numerical Solution of Water Entry Problem of 2-D Wedges
Rabbi, Sheikh	M.Eng.	2012	Rahman	Analysis of Asynchronous Start-up and Synchronization of Line Start Interior Permanent Magnet Motor
Dar, Imran	M.Eng.	2012	Rahman	Experimental Testing of Microcontroller Based Protection for Three Phase Power Distribution Transformer
Wakeham, Keitch	M.Eng.	2012	Rideout	Development of an Active Suspension Scale Vehicle Platform
Harvey, Brendan	M.Eng.	2012	Shirokoff/Andrews	Supercritical Adsorption Testing of Porous Silicon, Activated Carbon and Zeolite Materials
Vandrish, Peter	M.Eng.	2012	Vardy/Dobre	A Qualitative Navigation System for Autonomous Underwater Vehicles
Gifford, Peter	M.Eng.	2012	Veitch/Colbourne	Performance Evaluation of Propelled Spar Concept
Radamad, Mohamed	Ph.D.	2012	Butt/Popescu	Physical and Numerical Modeling of Offshore Anchor Piles under Mooring Forces
Hadidi, Ramtin	Ph.D.	2012	Jeyasurya	Power System Stability Enhancement Using Reinforcement Learning
Dewage Don, Awantha	Ph.D.	2012	Mann/Gosine	Supervisory Control of Fuzzy Discrete Event Systems with Applications to Mobile Robotics
Yang, Qingyong	Ph.D.	2012	Qiu	Numerical Solution of 3D Highly Nonlinear Water Entry Problem
Wang, Lei	M.Eng.	2013	Butt/Yang	Dynamic Analysis of Bottom Hole Assembly with External Vibration Force Excitation
An, Jiaqi	M.Eng.	2013	Huang/Gill	Extraction of Ocean Wave Information from Microwave Nautical Radar Images: Fourier Method vs. Wavelet Method
Rahman, Md. Musfiqur	M.Eng.	2013	Imtiaz	Input Variable Selection for Multivariate Statistical Process Monitoring
Mallick, MD	M.Eng.	2013	Imtiaz	Hybrid Method for Process Fault Detection and Diagnosis
Khan, Mohammad Aminu	M.Eng.	2013	Imtiaz/Khan	Predictive Monitoring and Control
Asif, Md. Rahimul	M.Eng.	2013	Iqbal	Dynamic Modeling and Supervisory Controller Design for a Small Isolated Hybrid Power System with Pumped Hydro Storage
Paga, Deepa	M.Eng.	2013	Iqbal	Modelling and Simulation of Wind Speed and Wind Farm Power Prediction
Liu, Xiaolong	M.Eng.	2013	Johansen/James	Modelling of Gas Injection with Constant Pressure Boundaries
Hiller, Alan	M.Eng.	2013	Khan/Imtiaz	Risk-Based Selection of Subsea Leak Detection Technologies
Anderson, James	M.Eng.	2013	Krougicof/Winger	Stereoscopic Vision in Underwater Environments
Naeemi Sanatdoost, Niko	M.Eng.	2013	L. Zhang/Masek	Structural Study of Z-Axis MEMS Gyroscopes for Improvement of Stability and Resolution
Noroozi, Alireza	Ph.D.	2013	Khan/McKinnon/Akinturk	Human Factor Risk Assessment of a Maintenance Operation in Offshore Process System
Razali, Azziddin	Ph.D.	2013	Rahman/George/Ahmed	Analysis, Design and Control of Grid Connected Three Phase Pulse Width Modulated AC-DC Converter
Ghasemloonia, Ahmad	Ph.D.	2013	Rideout/Butt Munaswamy	Elastodynamic and Finite Element Analysis of Coupled Lateral-Axial Vibration of a Drillstring with a Downhole Vibration Generator and Shock Sub
Mayo, Justin	M.Eng.	2013	Hassan	Fresh and Hardened Properties of Self Consolidating Concrete Incorporating Metakaolin
Fifield, Dennis	M.Eng.	2013	Krougicof	FGA Modular Based Implementation of a Grayscale Morphological Camera for Real-time Applications
Mostofi Zadeh, Shabnam	M.Eng.	2013	Lye	Low Flow Frequency Study for Newfoundland and Labrador
Li, Zhi	M.Eng.	2013	Bachmayer	Design of a Robust Autonomous Surface Craft (ASC) for Deployment in Harsh Ocean Environment
Wen, Peng	M.Eng.	2013	Bachmayer	Development and Testing of a Functional Model Scale Underwater Glider for Research in Dynamics and Control
Alvari, Reza	M.Eng.	2013	Butt/Molgaard	A Study of Flow Rate Effects in Drilling with Embedded Coring Bits, and the Commissioning of a CERCHAR Rock Abrasivity
Xiao, Lin	M.Eng.	2013	Chen/Hawboldt	An Experimental Study on Iron and Manganese Removal and Optimum Operating Conditions for A Small Water Treatment System
Clarke, Geoff	M.Eng.	2013	Colbourne	Ice Collision Experiments with a Pendulum Impact Apparatus
Rohail, Danial	M.Eng.	2013	Coles	Arsenic Removal by Sand Filtration for Potable Water in Rural Newfoundland and Labrador
Ulan-Kvitberg, Christophe	M.Eng.	2013	Daley	Adapting Pressure Films to Measure Pressure Patterns in Ice-Steel Interaction Experiments
Wang, Hongfei	M.Eng.	2013	Dobre/Li	Cyclostationarity Based Blind Classification and Parameter Estimation for FSK and MSK Signals
Norga, Moses	M.Eng.	2013	Gill	Factors Affecting Error Bounds in the Use of High Frequency Radar for the Remote Sensing of the Ocean Surface - An Analysis Incorporating Pulsed and Frequency Modulated Continuous
Abouhussien, Ahmed	M.Eng.	2013	Hassan	Durability and Reinforcing Steel Corrosion Resistance of High Performance Self-Consolidating Concrete
Roy, Kshama	M.Eng.	2013	Hawlder	Finite Element Analyses of Soil/Pipeline Interactions in Sand with an Advanced Soil Constitutive Model
Iftekharuzzaman, MD	M.Eng.	2013	Hawlder	Finite Element Modelling of Steel Piles and Suction Caissons in Sand Under Lateral and Inclined Load
Dutta, Sujan	M.Eng.	2013	Hawlder/Kenny/Phillips	Large Deformation Finite Element Analysis of Partially Embedded Offshore pipelines for Vertical and lateral Motion at Seabed

Chi, Ken	M.Eng.	2013	Hawladar/Zakeri	Glide Block or Out-Runner Block Impact on Suspended Submarine Pipeline
Askaria, Nazanin	M.Eng.	2013	Heys/Moloney	Improved Visual Cryptography Schemes Without Image Size Expansion
Shen, Chengxi	M.Eng.	2013	Huang/Gill	The High Frequency Surface Wave Radar Cross Section for Ocean Swell: Derivation and Inversion
Ahmad, Masood	M.Eng.	2013	Husain	Affordable Filtration Technology of Safe Drinking Water for Rural Newfoundland and Labrador
Ebrahim, Yahia	M.Eng.	2013	Hussein	Effect of Non-Metallic Fibers on the Shear Strength of Concrete Beams Reinforced with GFRP Bars
Alimuzzaman, Md	M.Eng.	2013	Iqbal	Power Performance Investigation and Control System Design of Grid-Connected Small Wind Turbines
Lu, Xijuan	M.Eng.	2013	Jeyasurya	Methods for Improving Power System Transient Stability Performance
Sekaran, Hari	M.Eng.	2013	Krougicof	Optimization of Controller Gains for FPGA-Based Multivariable Motion Controller Using Response Surface Methodology
Kharazi, Media	M.Eng.	2013	Lye/Hussein	Designing and Optimizing Of Concrete Mix Proportion Using Statistical Mixture Design Methodology
Janes, Nicholas	M.Eng.	2013	Muzychka	Experimental Measurement of Thermal Characteristics of Two Phase Segmented Flow in Mechanical Heat Sinks
Das, Tanmoy	M.Eng.	2013	Peng	Automatic Ship Hull Surface Modeling and Hydrodynamic Optimization
Williams, Nigel	M.Eng.	2013	Peng	Nonlinear Wave Modelling over Variable Depth using Extended Boussinesq Equations
Park, Timothy	M.Eng.	2013	Phillips	Pressure Ridge Ice Gouge Morphology and the Development of a Representative Physical Ice Keel Model for the Beaufort Sea
Shastry, Himadri	M.Eng.	2013	Rideout	Investigation of Active Suspension System in a Multi-Body Quarter Car Model
Mahmood, M.D.	M.Eng.	2013	Snelgrove	Development of a Daily Gridded Snow Water Equivalent Analysis
Ferrieri, Jenna	M.Eng.	2013	Veitch	Experimental Study on Ice Management Through the Use of Podded Propeller Wash
Tlaisi, Abdualhakim	Ph.D.	2013	Haddara	Simulation and Experimental Analysis of Lateral and Torsional Vibration of a Cracked Overhanging Rotor Shaft
Miranda Trevino, Jorge	Ph.D.	2013	Hawboldt/Khan	The Importance of Thiosalt Speciation in the Management of Tailing Ponds
Ahshan, Razzaqul	Ph.D.	2013	Iqbal/Quaicoe/Mann	Renewable Sources Based Micro-grid Control Schemes and Reliability Modelling
Daiyan, Nasser	Ph.D.	2013	Kenny/Popescu	Investigating Soil/Pipeline Interaction During Oblique Relative Movements
Dadashzadeh, Seyed	Ph.D.	2013	Khan/Hawboldt	Consequence Analysis for the Risk-Based Design of Offshore System
Hasan, Sikder	Ph.D.	2013	Khan/Kenny	Risk-Based Design of Process Component
Sulistiyono, Heri	Ph.D.	2013	Lye	Potential Impacts of Climate Change on Water Resources in Lombok, Indonesia
Duncan, Carolyn	Ph.D.	2013	MacKinnon/Veitch	Examining the Relationship Between Perturbation Kinematics and Motion Induced Interruptions in Simulated Marine Environments
Gnanaolivu, Rani	Ph.D.	2013	Norvell/Venkatesan	Modulo Scheduling Loops onto Coarse-Grained Reconfigurable Architectures
Ceballos Quintana, John	M.Eng.	2014	Alam	Bio-Sorption of Heavy Metals from Wastewater Using Marine Biomass Wastes
Babapour, Sadegh	M.Eng.	2014	Butt	Investigation of Enhancing Drill Cuttings Clearing and Penetration Rate using Cavitating Pressure Pulses
Gharibiyamchi, Yousef	M.Eng.	2014	Butt/Munaswamy	Evaluation and Characterization of Hydraulic Pulsing Drilling Tools and Potential Impacts on Penetration Rate
Cai, Qinong	M.Eng.	2014	Chen/Zhang, H/Helleur	Screening and Characterization of Biosurfactant Producing Microorganisms From Petroleum Hydrocarbon Contaminated Marine Sources in North Atlantic Canada for Oil Spill Control
Dagenais, Justine	M.Eng.	2014	Colbourne	Effects of Normal Force, Velocity and Lubrication on Ice Friction at High Pressures
Mercer, Joel	M.Eng.	2014	Gosine/Mann	Automated Image Analysis of Estrogen Receptor Immunohistochemistry in Breast Cancer
Range, Bhagya	M.Eng.	2014	Hawboldt	Characterization of Biomass Ash/Char and Use for Treatment of Sulfur and Selenium Oxy-Anions
Chen, Supeng	M.Eng.	2014	Huang	Particle Filter Based Target Tracking from X-Band Nautical Radar Images
Li, Chen	M.Eng.	2014	Huang	Sea Surface Oil Slick Detection and Wind Field Measurement Using Global Navigation Satellite System Reflectometry
Pourreza, Ramin	M.Eng.	2014	Hussein/Marzouk	Investigating the Effects of Hybrid Fibres on the Structural Behaviour of Two-Way Slabs
Zhang, Jiuchuan	M.Eng.	2014	Iqbal	Modeling, Design and Simulation of a Low Cost Supervisory Controller for Ramea Hybrid Power System
Tanni, Mahmuda	M.Eng.	2014	Iqbal	Natural Gas Fuel Cell Based Power System for MUN Engineering Building
Yang, Huan	M.Eng.	2014	James/Johansen	A Study of Water and Carbonated Water Injection with Constant Pressure Boundaries
Tebianian, Hamed	M.Eng.	2014	Jeyasurya	Dynamic State Estimation in Power Systems
Hanif, Waqas	M.Eng.	2014	Kenny/Hussain	Mechanical Integrity of Offshore Pipelines
Susilo, Adhi	M.Eng.	2014	Kenny/Hussain	Scripting for Modeling Local Buckling of a Spiral Welded Pipe
Arevalo Aranda, Consuelo	M.Eng.	2014	Khan	Occupational Risk Model For Offshore Oil and Gas Operations
Dalpatadu, K. Pradeep	M.Eng.	2014	Khan/Ahmed	Design of an Event-Based Early Warning System for Process Operations
Hassan, Junaid	M.Eng.	2014	Khan/Amyotte	A Predictive Model to Assess Dust Explosion Occurrence
Fahd, Faisal	M.Eng.	2014	Khan/Hawboldt	Ecological Risk Assessment of Thiosalts
Musharraf, Mashrura	M.Eng.	2014	Khan/Veitch/Imtiaz	Bayesian Network Approach of Human Reliability Analysis (HRA) at Offshore Operations
Siddam, Aravind	M.Eng.	2014	Munaswamy	Cascade Failure Analysis of Electrical Transmission Line Using Adina
Zhou, Quan	M.Eng.	2014	Peng	Numerical Simulation for Ship Manoeuvring and Path Following in Level ice
Smith, Doug	M.Eng.	2014	Qiu	Seakeeping Experiment of Two Side-By-Side Floating Bodies
Feng, Jinghan	M.Eng.	2014	Qiu/Y. Zhao	Molecular Tailoring and Engineering of Polymer-Based Materials for Marine Corrosion and Metal Ion Detection Applications
Fallahi, Ehsan	M.Eng.	2014	Rideout/Butt	Investigation of the Coupled Axial-Lateral-Torsional Drillstring Vibration Using Multi-Body Dynamic Approach
Jasim, Faten	M.Eng.	2014	Snelgrove	Development of a Base Model for Flood Forecasting Studies in the Humber River Basin (NL) and Selection of an Appropriate Model Forcing Dataset
Habib, Kashfi	M.Eng.	2014	Taylor/Bruneau/Jordaán	Experimental Investigation of Compressive Failure of Tuncated Conical Ice Specimens
Yao, Shuaihong	M.Eng.	2014	Y. Zhang/Alam	Silver Biosorption Study by Using Seaweed-based Sorbents
Sathyanarayanan, Sridhar	Ph.D.	2014	Adhuri/Seshadri/Swamidás	Improvements in Design and Fitness Evaluation of Above Ground Steel Storage Tanks
Mostafa, Hala	Ph.D.	2014	Ahmed, M/Dobre/Li	Detection Techniques for Alternate-Relaying Cooperative Communication Systems
Li, Pu	Ph.D.	2014	Chen/Husain/Khan	Development of an Integrated Decision Support System for Supporting Offshore Oil Spill Response in Harsh Environments
Abdulah Zadeh, Abdulah	Ph.D.	2014	Heys/Venky/Peters	Power Analysis of Stream Ciphers Based on Feedback Shift Registers
Mofarrh, Abdullah	Ph.D.	2014	Husain/Bottaro/ Chen	Environmental Management and Potential Use of Heavy Oil Fly Ash
Liyanage, Migara	Ph.D.	2014	Krougicof/Vardy/Fisher	Development and Testing of a High Speed Hydraulic Manipulator and Single Time Scale Visual Servoing
Ghobadi, Mehdi	Ph.D.	2014	Muzychka/Kocabiyyik/James	Experimental Measurement and Modelling of Heat Transfer in Spiral and Curved Channels
Talimi, Vandad	Ph.D.	2014	Muzychka/Qiu/S. Kocabiyyik	Numerical Modelling of Segmented Flows at Microscales
Alawneh, Shadi	Ph.D.	2014	Peters/Colbourne/Daley/Norvell	Hyper-Real-Time Ice Simulation and Modeling Using GPGPU
Hassan, Aslinda	Ph.D.	2014	Rahman/Ahmed/Saleh	Analytical Investigation and Implementation of Carry And Forward Based Routing Protocol for Vehicular Ad Hoc Network
Bakhtyar, Fahad	M.Eng.	2014	Hussein/Kenny	Low Cycle Fatigue Assessment Tool for Wrinkled Pipelines

Beronich, E.	Ph.D.	2014	Hawboldt/Abdi/Khan	Study of Dynamic Behaviour During Loading and Unloading of Compressed Natural Gas (CNG) Operations
Chen, Dan	M.Eng.	2014	Khan	Predictive Accident Modeling for Highway Transportation System Using Bayesian Networks
Dawood, Ali Ahmed	M.Eng.	2014	Hussein/Kenny	A Study of Pipeline Response During Reel-Lay Installation
Dewan, Asma	M.Eng.	2014	Butt/Hurich	Investigation on the Potential of Using Seismic Attenuation and Velocity to Identify Massive Sulphide Ore Deposit
Elnahas, Ahmed	M.Eng.	2014	Butt/Yang	Experimental Investigation of the Effect of Axial Vibration Generated by Pressure Pulses on Drilling Performance
Haq, Muhammad	M.Eng.	2014	Hussein/Kenny	Lateral Buckling of Deep Subsea Pipelines
Hossain, Ridwan Bin	M.Eng.	2014	Swamidas/Seshadri	Identification of Size and Location of a Single Crack in Marine Propeller Shaft Using Strain and Displacement
Hossain, Md Shakhawat	M.Eng.	2014	Iqbal	Small Wind Turbine Based Packet Energy System with Battery Storage
Khademi, Masoud	M.Eng.	2014	Butt/Yang	Laboratory Study of the Effect of Axial Compliance on Rock Penetration of PDC Bits
Kim, Hyunmin	M.Eng.	2014	Daley	An Experimental Study of the Design and Overload Capacity of Structural Grillages Subjected to Ice
Kim, Hyunwook	Ph.D.	2014	Daley/Colbourne/Swamidas	Ice Crushing Pressure on Non-Planar Surface
Manuel, Mike	M.Eng.	2014	Daley/Colbourne	Ship Structure Subjected to Extreme Ice Loading: Full Scale Laboratory Experiments Used to Validate Numerical Analysis
Mohamed, Ebrahim	Ph.D.	2014	Dobre/Ahmed/Huang	Optimal Link Adaptation for Multicarrier Communication Systems
Motty, Stephen	M.Eng.	2014	Norvell	Using Scale for Computer-Assisted Stepwise Refinement of Software (from Specification to Implementation)
Mozaffari, Mohammad	M.Eng.	2014	Butt/Munaswamy	Comprehensive Simulation of Single PDC Cutter Penetration using Distinct Element Modeling (DEM) Methods
Mursalin, A.F.M.	M.Eng.	2014	Imtiaz/Khan	A Novel Approach for Fault Detection in Bearings of Rotarity Machines at Variable Load Conditions
Nguyen, Trung	M.Eng.	2014	Gosine/Mann	Development of a Visual-Teach-and-Repeat based Navigation Technique on Quadrotor Aerial Vehicle
Qiu, Hongyuan	M.Eng.	2014	Yang	Dynamic Analysis of a Drill-String under Deterministic and Random Excitations
Seif, Tayyebi	M.Eng.	2014	Daley/Colbourne	Ductile Fracture Analysis in a Steel Plate by Cohesive Zone Modeling
Wen, Yubing	M.Eng.	2014	Yang	Random Nonlinear Dynamics of a Spur Gear Pair by Path Integration
Fatemeh	M.Eng.	2014	Norvell	Verification of the HARPO Language
Zadakbar, Omid	Ph.D.	2014	Khan/Imtiaz/Variyath	Dynamic Risk Assessment and Fault Detection in Process Facilities
Aktaibi, Adel	Ph.D.	2015	Rahman/George/Jeyasurya	Wavelet Packet Transform and Direct-Quadrature Axis-Based Hybrid Technique for Differential Protection of Power Transformers
Bakr, Hossameldeen	M.Eng.	2015	Hussein/Hassan	Punching Shear Of Self-Consolidated Two-Way Slabs
Bastin, Tony	M.Eng.	2015	Veitch/Akinturk	Mathematical Modelling of Propeller Wake Wash for Pack-Ice Management
Brazil, Nathan	M.Eng.	2015	Nakhla/Kenny	Oil Dispersant System for Fixed Wing Aerial Platform
Cao, Tong	M.Eng.	2015	H Zhang/Chen	Generation of Biodispersants for Offshore Oil Spill Response
Claus, Brian	Ph.D.	2015	Bachmayer/deYoung/Farquharson	Energy Efficient Navigational Methods for Autonomous Underwater Gliders in Surface Denied Regions
El-Darymli, Khalid	Ph.D.	2015	McGuire/Power/Moloney/Gill	Holism for Target Recognition in Synthetic Aperture Radar Imagery
Elfeki, Hassan S.	M.Eng.	2015	Khan/Akinturk	Risk Assessment and Management for Subsea Rigid Spool Commissioning and Installation Operations
Eskandari, Farzad	Ph.D.	2015	Phillips/Hawlader	Buried Pipeline Response to Ice Gouging
Fouzder, Anup	M.Eng.	2015	Hawlader/Zakeri	Modeling of Riser-Seabed-Water Interaction at Touch Down Zone Using Computational Fluid Dynamics Approach
Gao, Qian	M.Eng.	2015	Butt/Rideout	Development of Laboratory and Field Drilling Tools to Measure Bit Conditions and Drill String Motions
Jesha, Tasnova	M.Eng.	2015	Iqbal	Energy Consumption Analysis and Future Trend for Newfoundland
Jing, Liang	Ph.D.	2015	Chen/H.Zhang/Peng/Abdel-Razek	An Integrated Simulation-based Process Control and Operation Planning System for Marine Oily Wastewater Management
Khan, Md. Nahidul	Ph.D.	2015	Hinchey/Iqbal/Masek	Modeling, Design and Control of a Small Marine Current Energy Conversion System
King, Krista	M.Eng.	2015	Peters	Automated Specification-Based Graphical User Interface Testing
Li, Yan	M.Eng.	2015	Y Zhang	Characterization and Crystallization of Chiral Aromatic Amino Acids
Lin, Dan	M.Eng.	2015	Jeyasurya	Methods for Analyzing Power System Small Signal Stability
Liu, Ying	M.Eng.	2015	Gill/Huang	Algorithms for Sea Surface Wind Parameter Extraction from X-Band Shipborne Nautical Radar Images
Meghdadi, Seyedali	M.Eng.	2015	Iqbal	Study of Stand-Alone and Grid-Connected Setups of Renewable Energy Systems for Newfoundland
Men, Xiaojian	M.Eng.	2015	Peters/Daley	Particle Simulation Using Serial, GPU and Distributed Approaches
Parsons, Peter	M.Eng.	2015	Iqbal	Realtime Analysis of Carbon Dioxide Concentration Curves for Intelligent Ventilation Control
Rahman, Md. Samsur	M.Eng.	2015	Veitch/Taylor/Wang	Integrity of Glass-Reinforced Plastic (GRP) Vessels Under Ice Loading
Rajendran, Saravana Kum	M.Eng.	2015	Jeyasurya	Power System Performance Enhancement Using Flexible AC Transmission System Devices
Roberts, Jonas	Ph.D.	2015	Snelgrove/Muzychka/Hinchey	Investigation of the Projected Impacts of Climate Change on the Hydrology of Labrador's Churchill River Basin Using Multi-Model Ensembles
Rogers, Felix	M.Eng.	2015	James/Johansen	Mathematical Modeling of a Three-Dimensional Permeability Tensor for Reservoir Simulation
Sazidy, Mahmud	Ph.D.	2015	Daley/Colbourne/Hussein	Development of Velocity Dependent Ice Flexural Failure Model and Application to Safe Speed Methodology for Polar Ships
Shadadeh, Mohammad	M.Eng.	2015	James/Johansen	Up-Scaling Relative Permeability for Stratified Reservoir Waterflooding
Smith, Jennifer	M.Eng.	2015	Veitch/MacKinnon	The Effect of Virtual Environment Training on Participant Competence and Learning in Offshore Emergency Egress Scenarios
Wang, Yujiao	M.Eng.	2015	Husain/H Zhang	Algae Involved Generation of Composts
Zhang, An'Ran	M.Eng.	2015	Qiu	Hydrodynamic Simulation and Optimization of an Oil Skimmer
Zhang, He	M.Eng.	2015	H. Zhang	Integrated Nano Zero Valent Iron and Biosurfactant Aided Remediation of a PCB-Contaminated Soil
Adeoti, Ibraheem	Ph.D.	2015	Hawboldt/Helleur/Y. Zhang	Extraction of Oil from Fish Processing Waste for Fuel Applications: Process Development, Analysis and Feasibility
Ahmed, Sheikh Sharif	M.Eng.	2015	Hawlader	Finite Element Modeling of Suction Caisson and Large Diameter Monopile in Dense Sand Under Oblique and Lateral Load
Ahmed, Yahia	Ph.D.	2015	Dobre/Venky/Li	Spectrum Awareness for Cognitive Radio Systems
Aljaroudi, Alireza	Ph.D.	2015	Khan/Akinturk/Haddara/Prekumar	Probabilistic Methods for Assessing The Performance of Oil and Gas Condition Monitoring
Alkarak, Hesham Mellad	M.Eng.	2015	Muzychka/Naterer/Pope	FEASIBILITY ANALYSIS OF A TWO-PHASE SOLAR THERMAL WATER HEATER
Chander, Subodh	M.Eng.	2015	Colbourne	Experimental and Numerical Hydrodynamic Study of Submerged Ice Collision
Dey, Rajib	Ph.D.	2015	Hawlader/Phillips/Soga	Analytical and Numerical Modeling of Progressive Failure of Onshore and Offshore Slopes With Sensitive Clay Layer
Evulukwu, Ebube	M.Eng.	2015	James	Evaluating One-Dimensional Diffusivity in Butane/Bitumen Systems At Varying Temperatures While Accounting for Concentration Dependency and Non-Ideal Mixing
Khezrnejad, Ayub	M.Eng.	2015	James/Johansen	Experimental Investigation of Nanoparticle Enhanced Oil Recovery Techniques using Micromodels
Liao, Haohao	M.Eng.	2015	Heys	Design of an Integrated hardware Platform for four Different Lightweight Block Ciphers
Mahmood, Sakib	Ph.D.	2015	Daley/Seshadri/Colbourne	Simplified Limit Load Approximations and Their Bounds
Mao, Chunxia	M.Eng.	2015	Y. Zhang	Competitive Biosorption of Ag(I) and Cu (II) by Tripolyphosphate Crosslinked Chitosan Beads

Martin, Evan	M.Eng.	2015	Veitch/Keinonen/ Qiu	Assessment of Panel and Vortex Particle Methods for the Modeling of Stationary Propeller Wake Wash
Mercer, Craig	M.Eng.	2015	Peng/Daley	The Control Valve as a Universal Steam Trap Replacement
Moayed, Mahsa	M.Eng.	2015	James	An Experimental Study on Surfactant-Alternating-Gas
Ortiz Castro, Javier	Ph.D.	2015	Masek/Iqbal/Alam	Development of a Multiphase Composition Measurement Method By Using Capacitive Sensor Array
Quinton, Bruce	Ph.D.	2015	Daley/Gagnon/Colbourne	Experimental and Numerical Investigation of Moving Loads on Hull Structures
Rahman, Rebayetur	M.Eng.	2015	Rideout/Butt	Development & Interpretation of Downhole Data from Downhole Vibration Monitoring Tool
Stevenson, Jonathan	Ph.D.	2015	O'Young/Rolland/Krouglicof	Assessment of The Equivalent Level of Safety Requirements for Small Unmanned Aerial Vehicles
Tian, Yuanchi	M.Eng.	2015	Heys	Fatigue Estimation of Drill-String and Drill-Pipe Threaded Connection Subjected to Random Loadings
Wu, Zhong	M.Eng.	2015	Colbourne	Effects of Normal Pressure and Velocity on Ice-Ice Friction
Yuan, Zhi	Ph.D.	2015	Khan/Amyotte/Khakzad Rostomi	Dynamic Risk Analysis of Dust Explosions
Zhang, Meng	M.Eng.	2015	Y. Zhang/Helleur	Selective Biosorption of Silver Ions from Aqueous Solution Using Chitosan-Based Biosorbents
Zheng, Jiahao	M.Eng.	2015	Yang	Fatigue Estimation of Drill-String and Drill-Pipe Threaded Connection Subjected to Random Loadings
Zhu, Jingwen	M.Eng.	2015	Venky/Li/Dobre	Phase Noise Compensation for Long-Haul Coherent Optical Communication Systems Using OFDM
Zubair, Abdulrazaq	Ph.D.	2015	James/Hawboldt/H. Zhang	Design and Optimization of Surfactant Based Enhanced Remediation of Bunker C Fuel Oil Contaminated Soil
Zubayer, Abir	M.Eng.	2015	Peters/Veitch	The Multi-Craft Problem: A Distributed Simulation Approach Using Networked Floating Objects