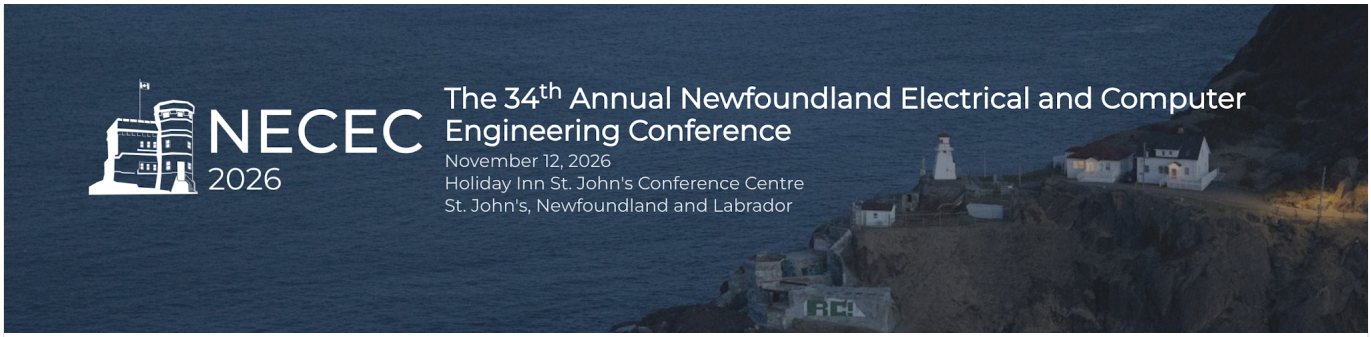


Time				
8:30 AM	**REGISTRATION**			
9:00 AM	**KEYNOTE SPEAKER (SALON C/D)**			
	Remote Sensing & Earth Observations I **Salon A** **Session Chair: Zhiding Yang**	**AI for Healthcare and Clinical Applications** **Salon B** **Session Chair: Jingrong Wang**	**Intelligent Transportation and Navigation** **Salon E** **Session Chair: Oscar De Silva**	**Quantum Algorithms** **Trinity Room (4th floor)** **Session Chair: Matthew Hamilton**
10:00 AM	Yulmetova Maria (33)	Golam Sarwar Md Mursalin (40)	Thilakanayake, Thakshila (57)	Thalagalage Don, Lahiru (20)
10:20 AM	Bobby, Pradeep (46)	Haoming Luo (11)	Shiri, Parinaz (7)	Thoong, Quoc (27)
10:40 AM	**COFFEE BREAK (Poster Presentations Paper # 9, 13, 23, 35, 48)**			
	Remote Sensing & Earth Observations II **Salon A** **Session Chair: Zhiding Yang**	**Advanced Learning Methods and Intelligent Systems** **Salon B** **Session Chair: Elif Ak**	**Robot Learning and Tactile Perception** **Salon E** **Session Chair: Jonathan Anderson**	**Biomedical Engineering** **Trinity Room (4th floor)** **Session Chair: Jingrong Wang**
11:00 AM	Craig, Joe (56)	Momohjimoh A. Yakubu (8)	Mateus Nazario Coelho (14)	Dhulipala, Venkata (24)
11:20 AM	Theodore Norvell (43)	Amin Nazari (52)	Elaheh Mohammadreza (39)	Wu, Ziang (45)
11:40 AM	Yang, Zhiding (37)	Chidiebere Metu (42)	Jiaoyang Lu (32)	Baramaki, Nazanin (51)
12:00 PM	Rakib Hossain (6)	Echeverri Urrea (58)	Frederico Luiz Martins de Sousa (15)	Sadman Saumik Islam (17)
12:20 PM	**LUNCHEON SPEAKER (SALON C/D)**			
	Joint YP WIE Event **Salon A** **Session Chairs: Jingrong Wang & Elif Ak**	**AI for Industrial and Environmental Applications** **Salon B** **Session Chair: John Hawkin**	**State Estimation and Intelligent Mobility** **Salon E** **Session Chair: Matthew Hamilton**	**Cybersecurity and Data Systems** **Trinity Room (4th floor)** **Session Chair: Oscar De Silva**
2:00 PM		Golam Sarwar Md Mursalin (41)	Elsayed, Mahmoud (16)	Alireza Hodae (25)
2:20 PM		Sormeh Serpoosh (4)	Mudiyanselage, Rajana (54)	Israt Jahan Chowdhury (26)
2:40 PM		Ali Radman (53)	Ijaz, Neha (60)	Regmi, Niraj (19)
3:00 PM	**COFFEE BREAK (Poster Presentations Paper # 31, 34, 36, 38)**		**[RAS NL Robot Showcase (5 Labs) - (SALON C/D) - 3 - 4 pm]**	
	Remote Sensing & Earth Observations III **Salon A** **Session Chair: Xin Qiao**	**Practical AI Applications** **Salon B** **Session Chair: John Hawkin**	**Marine Autonomy and Control** **Salon E** **Session Chair: Thumeera Wanasinghe**	**Maritime Cybersecurity and Authentication** **Trinity Room (4th floor)** **Session Chair: Jonathan Anderson**
3:20 PM	Ahmadian, Nima (2)	Mohammad Islam Miah (10)	Wijewardhana, Theekshana (59)	Chelsea O'Hara (29)
3:40 PM	Qiao, Xin (50)	Issah Suleiman (3)	Amarappulige, Charuka(55)	Akinyemi, Hope (21)
4:00 PM	Ariyarathne, Manjula (47)	Madison Eagles (18)	Hawley, John (49)	Rodrigo, Hettiarachchige (22)
4:20 PM	**CLOSING REMARKS AND AWARD PRESENTATION IN (SALON C/D)**			



ID	Presenter	Presentation Title
2	Ahmadian, Nima	Evaluating Self-Supervised Pretraining for Multi-Task Sea Ice Classification Across Arctic Domains
3	SULEIMAN, ISSAH	Zero-Instrumentation Benthic Substrate Classification from Baited Underwater Video
4	Sormeh Serpoosh	PRIMA: Pipeline Real-time Integrity Monitoring with AI — A Six-Output System for Industrial Leak Detection
6	Hossain, Rakib	Adaptive Frequency-Band Learning for Efficient Underwater Image Enhancement
7	Shiri, Parinaz	OpenStreetMap-Based Bus Route Planning for Public Transportation Coverage in St. John's, Newfoundland and Labrador
8	Momohjimoh A. Yakubu	DAVE-BN: Data-Adaptive VAE–Bayesian Network for Pipeline CUI Risk with Dual-Gate Out-of-Distribution Detection
9	Babur, Muhammad Arslan	Automated segmentation of Arctic sea ice features for accelerated dataset pre-labelling
10	Miah, Mohammad Islam	Acoustic Signal Classification for Potash Mine Sidewall Assessment Using Dimensionality Reduction with Support Vector Machine
11	Luo, Haoming	MamNet-6: Multi-View Fusion, CrossView Transformer, and Uncertainty-Aware Triage for Breast Cancer Detection on VinDr-Mammo
13	Kumpati, Benny	Clock-Induced State Aliasing in Scripted Demonstrations for Robot Imitation Learning
14	Nazario Coelho, Mateus	Multimodal Tactile Texture Classification on a 3D-Printable Benchmark
15	Martins de Sousa, Frederico Luiz	Signal Fusion for Short-Duration Tactile Texture Perception in Robots
16	Elsayed, Mahmoud	Consistent Optimization-Based State Estimation on Lie Groups Without State Initialization
17	Islam, Sadman Saumik	Identifying Cognitive Fatigue Biomarkers in Multiple Sclerosis using Explainable AI and fNIRS Hemodynamic Variability
18	Eagles, Madison	Eye-Tracking to Infer Trust in Human-AI Interactions: Insights from a Literature Review
19	Regmi, Niraj	Empirical Performance Evaluation of Apache Beam Versus Cascading for Distributed Healthcare Data Aggregation and Joins
20	Thalagalage Don, Lahiru Gayanga	Physics-Informed Neural Networks for Non-Markovian Quantum Channel Modelling
21	Akinyemi, Hope	ENABLING MARINE CYBERSECURITY THROUGH 10BASE-T1S IN NMEA
22	Rodrigo, Hettiarachchige	N2K-Shield: Legacy-Compatible Inline Security for NMEA 2000 Marine Networks
23	Ogbonna, Divine	Security for Banking Industry: A Comparative Analysis of Cryptographic Hashing Algorithms.
24	Dhulipala, Venkata Kousik	Validation of Segmentation Accuracy, Spinal Annotation, and Longitudinal Reliability of an Automated CT-Based Body Composition Software
25	Hodae, Alireza	Benchmarking Post-Quantum and Classical Threshold Authentication Schemes over Wireless Mesh Networks
26	Chowdhury, Israt Jahan	Trustworthy Machine Learning for Cybersecurity: A Decision-Centric Survey of Explainability, Uncertainty, and Human Factors
27	Thoong, Quoc Thao Nhien	Rotation Optimisation for Six-Dimensional Movable Antenna Systems Using a Bayesian Quantum Neural Network
29	O'Hara , Chelsea	Automated Personnel Tracking and Identification in Maritime Environments: Evaluating Gait Recognition for Frictionless Authentication
31	Faruk, Syed Omar	Benchmarking Deep-Learning and Foundation-Model Segmentation for UAV Kelp Canopy Mapping on the Newfoundland Coast
32	Lu, Jiaoyang	OpenRIF: Open Robot Interaction Force Dataset for Learning-Based Interaction Force Estimation
33	Yulmetova, Maria	Iceberg and Ship Detection in Sentinel-2 Imagery Using Machine Learning
34	Gunawardena, Ravinath	Computer Vision Pipeline for Robust Aerial Image Stitching
35	Critch-Doran, Olivia	MUNStar-1 CubeSat Project: Monitoring the Canadian North Atlantic Ocean Environment
36	Critch-Doran, Olivia	Radiation Pattern Testing of a GNSS-Reflectometry Antenna for Space
37	Yang, Zhiding	Sea-Ice Concentration Estimation From Shipborne X-Band Marine Radar Data and Geometry-Aligned Camera Observations
38	Shi, Kaijie	Simulation-Driven Imitation Learning Enables Direct Sim-to-Real Biosignals-Free Prosthetic Grasping
39	Mohammadreza, Elaheh	Learning Continuous Prosthetic Hand Motion and Force from Contralateral Demonstrations
40	MURSALIN, GOLAM SARWAR MD	ClinNoteRAG: Agentic RAG for Clinical Concept Coverage Assessment of Medical Student Patient Notes
41	MURSALIN, GOLAM SARWAR MD	Quality-Aware OCR Engine Routing for Cost-Efficient Bank Cheque Processing
42	Metu, Chidiebere	A Multi-Scale Attention and Residual Fusion Deep Learning Framework for Infrastructure Crack Segmentation
43	Norvell, Theodore	The Communications System of the MUNStar-1 Cubesat
45	Wu, Ziang	Individual Differences in PPG Feature Relevance for Resting Beat-to-Beat Systolic Blood Pressure Estimation
46	Bobby, Pradeep	Exploring Marine Target Monitoring using C- and L-band Data
47	Ariyarathne, Manjula	Surface Mine Detection in Satellite Imagery Using an Enhanced YOLOv11
48	Younis, Hafiz Muhammad Fahim	QuickBite: A Personalized Multi-Vendor Food Delivery Platform with Explainable Recommendations and an AI Food Assistant
49	Hawley, John	Weighted Voronoi Cell Partitioning for Multi-Agent Foraging
50	Qiao, Xin	Track-Wise Self-Supervised Learning for Global Wave Height Estimation From GNSS-R Data
51	Baramaki, Nazanin	Partially Observable, Multi-Receiver-Aware Reinforcement Learning for Relay-Assisted Molecular Targeted Drug Delivery
52	Nazari, Amin	Sim-to-Real Transfer Learning with Domain Adaptation for Online Fault Detection in a Continuous Stirred Tank Heater
53	Radman, Ali	High-resolution Arctic wetland methane flux modeling using a geospatial foundation model
54	Samarakoon, Rajana	Consistent Decentralized Cooperative Localization with Unknown Correlations and Gyroscope Bias
55	Amarappulige, Charuka	Deep-RL Station-Keeping Controllers for an Unmoored FOWT in a Coupled Aero-Hydro-Servo-Elastic Environment
56	Craig, Joe	Placentia Bay Radio Oceanography
57	Thilakanayake, Thakshila	MUN UAV Navigation Testbed: A Multi-Sensor Dataset for Aerial SLAM Evaluation
58	Echeverri Urrea, Nikolas	Physics-Grounded Neural Inference for Diffusive Molecular Communication Channel Characterization
59	Wijewardhana, Theekshana	Evaluating LiDAR-Inertial Multi-Sensor Algorithms for Near-Field Antarctic Ice Mapping
60	Ijaz, Neha	A Low-Cost Smart Friction-Drive E-Bike Conversion Kit with BLE Cruise Control and Dual-Source Charging