

405	Wednesday, December 18 - Day 3	
17:00	Event Starts	
18:00	Event Break (Change of poster)	
18:30	Event Ends	
20:00	End of the day	
Session	Topic	M.C. Main Conference (In person, short papers)
1	1	262 Deep Few-Shot Network for Protein Family Classification: Bridging the Gap between Limited Data and High Performance
1	2	280 Empowering Tuberculosis Screening with Explainable Self-Supervised Deep Neural Networks
1	3	334 Assisted Machine Learning for Tumors Modelling: A Radio-Tensorial Approach
1	4	355 Typicality for Information Retrieval with Application on Sample Size Reduction of High Dimensional Data
1	5	367 Solar Image Synthesis with Generative Adversarial Networks
1	6	377 Cosimrnet 3D Geometry Reconstruction from Implicit Neural Representations
1	7	378 Success Transfer Distance: Translocation in the Minkowski Domain
1	8	380 RFDIMNet: A ChatGPT-Driven Data Synthesis Framework Elevating Text-to-SQL Models
1	9	402 Centralized Multi-Agent Primal Policy Optimization With Attention
1	10	407 Impact of Transfer Learning on Transformers Networks for Prostate Image Segmentation
1	11	409 Intelligence in Automated House No. Policy, and Service Destructive Monitoring System
1	12	410 Exploring Machine Learning for Feature Mapping and Scheduling of Automotive Applications on ADAS Platforms
1	13	429 Graph Polynomial Correlation Models for Node Classification of Non-Homophous Graphs
1	14	447 Towards Holistic Disease Risk Prediction using Small Language Models
1	15	450 Variational Information Bottleneck with Gaussian Processes for Time-Series Classification
1	16	451 Predicting Temporal Patterns in Keyword Searches with Recurrent Neural Networks – Phenotyping Human Behaviour from Search Engine Data
1	17	461 Deep Learning-Based Modeling of Daily Suspended Sediment Concentration and Discharge in Esopus
1	18	465 Robust Detection of Line Numbers in Poems and Instrumentation Diagrams (PSDs)
1	19	TBD
1	20	489 Improving Audience Ratings Prediction of Japanese TV Dramas using Knowledge-based Embeddings
1	21	
1	22	
1	23	493 RAG Contents: Quantifying the Certainty of Content-Based Responses to LLMs
1	24	495 Forecasting Low Visibility Using Weather and Air Quality Data for Safe and Smooth Transportation Operation
1	25	497 Machine Learning Meets EEG: A Novel Approach to PSG-Based Authentication Systems
1	26	500 CyberLama2 - MEDICALBMM Threat Modelling Assistant
1	27	513 Approximate Simulation Matrix Restoration for Neural Networks Based On Knowledge Distillation
1	28	508 MCMR Deep Learning Model for Precise Microcrack Detection in Various Materials
1	29	536 Learning Time-Optimal Control of Gastric Cycles
1	30	540 Forecasting Text Summaries Generated by Large Language Models Using OpenAI GPT
1	31	545 Fault Demand Forecasting: Identifying Latent Feature Sets, Prediction Strategy, and Reassessment
1	32	549 Graph Neural Processes (GSP) Unearths the Best Locations for Soil Moisture Sensors
1	33	
1	34	561 Combining Transfer Learning and Representation Learning to Improve Predictive Analytics on Small Materials Data
1	35	572 Pedestrian Detection: An Explainable Approach
1	36	573 Scheduled Sampling for Recursive Multi-Scale GPU Temperature Forecasting
1	37	585 Tackling the Nonlinearity Problem in Inverse Modeling: Iterative Identity Network Backed Quantized Autoencoder
1	38	602 Exploring Machine Learning Engineering for Object Detection and Tracking by Unmanned Aerial Vehicle (UAV)
1	39	606 Temporal Tensor Factorization: A Framework for Low-Rank Multivariate Time Series Forecasting
1	40	608 A Multi-view Android Malware Detection Model Through Multi-objective Optimization
1	41	628 Optimizing Protein-Ligand Classification: Distillable Ensembles into Latent-Space Classifiers
1	42	631 Enhancing Deep Neural Network Classification Performance through Novel Weight Initialization: 1-DNet Supported Walsh Matrix Approach
1	43	638 Automated Shared Phenotype Discovery in Undiagnosed Cohorts for Rare Disease Research
1	44	643 Positional Tracking of Physical Objects in an Augmented Reality Environment Using Neuromorphic Vision Sensors
1	45	644 Robust Quantization in Vector Embedding for RAG
1	46	645 DDC-DCNet: Domain-Aware Class Defect Identification in Composite Aerostructure Material
1	47	646 3D Vehicle Detection in Roadside Traffic Flow using ConvNet-YOLO
1	48	651 Discriminator-Based Knowledge Distillation for Image Classification Restoration
1	49	665 Multi-task Learning for Material Property Prediction
1	50	667 Advancing Discourse Analysis in Multiparty Meetings: Comprehensive Classification of Argument and Relation Types
1	51	676 Contrastive Representation Learning for Predicting Solar Flares from Extremely Imbalanced Multivariate Time Series Data
1	52	684 Multi-modal Contrastive Learning For Medical Image Classification with Limited Training Data
1	53	687 Causal Inference in Finance: An Expertise-Driven Model for Instrument Variables Identification and Interpretation
1	54	689 Shrinkbone: Reconstruction of Parametrized Surfaces from Sparse Distance Field
1	55	
1	56	692 Location Invariant Flood Prediction using Fourier Neural Operator
1	57	710 CNN-DETA: Self-Supervised Pretraining Convolutional Neural Networks Using Joint Embedding Predictive Architecture
1	58	712 Temporal Perturbation for Feature Significance and Applications in Neural Networks
1	59	722 Improving Features for Multiple Sclerosis Disability Progression Prediction through Temporal Alignment of Hospital Visits
1	60	734 Multi-Label Behavioral Health Classification from Police Narrative Report
1	61	744 Evaluating Large Language Models in Vulnerability Detection Under Variable Context Windows
1	62	746 Classification Inference Impact on Effective Polarization
1	63	760 Analyzing Inconsistencies Across Financial Services Machine Learning Algorithms and Implementations
1	64	761 Enhancing Tabular GNN Frameworks: The Impact of Interactional Feature Selection
1	65	767 Exploring Feature Methods for Large Language Models
1	66	769 Deep Learning with Uncertainty Quantification for Predicting the Segmentation Dice Coefficient of Prostate Cancer Biopsy Images
1	67	775 Explainable Transformed-based Intrusion Detection in Healthcare IoT Networks
1	68	776 Evaluating Alignment Techniques for Enhancing LLM Performance in a Closed-Domain Application: a RAG Benchmark Study
1	69	797 Enhancing Long-term Re-identification Robustness Using Synthetic Data: A Comparative Analysis
1	70	799 The Theory of Probabilistic Hierarchical Supervised Ensemble Learning
1	71	801 Semi-Supervised Learning and Focal Masking for Vessel Segmentation in X-ray Coronary Angiography
1	72	803 Virtual Coordinate Based Sampling and Embedding for Machine Learning with Graph Data
1	73	805 Enhancing Financial Fraud Detection with Human-in-the-Loop Feedback and Feedback Propagation
1	74	
1	75	807 Media Haze Classification in Retinal Images Using Transfer Learning with Convolutional Neural Networks
1	76	812 Evaluating the Efficacy of Large Language Models in Automotive Academic Peer Reviews
1	77	815 Learning from Closed-Source: Bayesian Networks with Measurement Noise
1	78	821 Gaussian Process Neural Network Embeddings for Collaborative Filtering
1	79	823 Contrastive Learning with Auxiliary User Detection for Identifiable Activities
1	80	850 Novel L1-Based Neural Gas Clustering Algorithms
1	81	851 Enhanced Distribution Matching for Medication Classification
1	82	860 Developing an Autonomous Robotics System Utilizing Camera and IMU Fusion with PID-Based Path Correction
1	83	864 Comparative Study of Machine Learning Techniques in Prediction of Superfund Sites
1	84	867 Sentinel Recovery Via Seminal-Aware Perceptron Loss
1	85	881 GEM-RAG: Graphical Event Memories for Retrieval Augmented Generation
1	86	882 Decoupled-Denoise Learning-Based Probabilistic Forecasting Framework for Correlated Data
1	87	902 Multi-label Classification using Self-Supervised Learning: Addressing Class Imbalance and Data Imbalance
1	88	910 Optimal Parameter Estimation of Biological Systems through Deep Reinforcement Learning
1	89	922 Mixture-of-Experts for Multi-Domain Defect Identification in Non-Destructive Inspection
1	90	935 NIP: A Neuro-Symbolic Natural Language Understanding Framework
1	91	939 Predicting Fold-Switching Protein Behavior using Graph Neural Networks
1	92	
1	93	951 Deep Learning and Reinforcement
1	94	676 Predicting Vehicle Impact Severity With Deep Neural Network for Reinforcement Learning Based Autonomous Vehicle Simulations
1	95	712 An Innovative Approach to Human Activity Recognition Based on a Multi-Head Attention Mechanism
1	96	953 A Few-Shot Learning Approach for Sound Source Distance Estimation Using Relation Networks
1	97	987 Action Selection in Reinforcement Learning with Likelihood Policy Update
1	98	1023 Comparative Evaluation of Deep Learning Architectures for Retinal Ganglion Cell Counting: FCNN-A, FCNN-A-2, and U-Net
1	99	1038 Leveraging Multimodal Shapley Values to Address Multimodal Collapse and Improve Fine-grained E-commerce Product Classification
1	100	1039 Multi-Modal AI Approach for Multi-Class Skin Disease Classification
1	101	1061 Domain-Invariant Crop Type Mapping Using Transformer-Based Time-Frequency Feature Extraction and Adaptation for Unlabeled Target Regions
1	102	1121 KAN-Attn GAN: Map Generation with Kolmogorov-Arnold Networks and Attention-Based Queries Selection
1	103	1139 Key Information Extraction from Invoices
1	104	
1	105	105 Machine Learning for Predictive Models
1	106	
1	107	1038 Localized Recommendation in Assembly Modeling: Employing GNNs for Targeted Part Placement
1	108	
1	109	1063 Artificiality in advancing neural datasets and developing deep learning models for spotted lanternfly identification
1	110	1094 Clustered Federated Learning with Non-ID Data: Mitigating Accuracy Overestimates through Hold-out Model Selection and Evaluation
1	111	
1	112	105 Quantum Machine Learning
1	113	1011 Quantum Machine Learning for Computer Vision: A Survey