Paper		Sessio	Session					
ID	Title	ID	Title	Date		Start Time	End Time	Room
ICMLC-3005	Applying Machine Learning on Breast Mass Digitized Images to Predict Breast Cancer	MB1	Machine Learning in Healthcare	10-July- 2023	Mon	2:00 PM	4:00 PM	209
ICMLC-3007	DeFL: A Novel Blockchain Fully-Orchestrated Federated Learning Framework	TC4	Learning Algorithm	11-July- 2023	Tue	4:15 PM	6:00 PM	210
ICMLC-3008	A TRANSFORMER-BASED APPROACH TO TRACKING AND COUNTING VESSELS IN SHORE-SIDE SURVEILLANCE VIDEOS	MA1	Computer Vision Application	10-July- 2023	Mon	2:00 PM	4:00 PM	205
ICMLC-3010	An End-to-end Training Method to Ensemble Bilinear Models for Knowledge Graph Completion	TA4	Uncertainty Modeling in Deep Learning	11-July- 2023	Tue	4:15 PM	6:00 PM	205
ICMLC-3012	SAPD: SELF-ATTENTION PROGRESSIVE SEISMIC DATA DENOISING	TC2	Computer Vision with Attention Mechanism	11-July- 2023	Tue	11:00 AM	1:00 PM	210
ICMLC-3013	A NOVEL PREFERENCE SCALE FUNCTION BASED ON POINCARE' METRIC FOR DECISION-MAKING	TB1	Granular Computing and Decision Making	11-July- 2023	Tue	9:00 AM	10:30 AM	209
ICMLC-3014	IMPROVING THE ADVERSARIAL ROBUSTNESS OF DEEP NEURAL NETWORKS VIA EFFICIENT TWO-STAGE TRAINING	TD1	Adversarial Learning and Feature Selection	11-July- 2023	Tue	9:00 AM	10:30 AM	144
ICMLC-3015	MULTI-LABEL OVERSAMPLING BASED ON BORDERLINE	TC4	Learning Algorithm	11-July- 2023	Tue	4:15 PM	6:00 PM	210
ICMLC-3016	DETECTING ATTACKS AGAINST DEEP REINFORCEMENT LEARNING FOR AUTONOMOUS DRIVING	TD1	Adversarial Learning and Feature Selection	11-July- 2023	Tue	9:00 AM	10:30 AM	144
ICMLC-3018	ReUnet: An efficient remote sensing image segmentation network	MA1	Computer Vision Application	10-July- 2023	Mon	2:00 PM	4:00 PM	205
ICMLC-3019	A CNN based physical constraint modifier model for reflectivity inversion	TA3	Computer Vision	11-July- 2023	Tue	2:00 PM	3:45 PM	205
ICMLC-3020	Deep Artificial Denoising Auto-Encoder-Decoder Pain Recognition System	TB2	Machine Learning and Its Application I	11-July- 2023	Tue	11:00 AM	1:00 PM	209

Paper		Sessio	n					
ID	Title	ID	Title	Date		Start Time	End Time	Room
ICMLC-3021	Event-triggered H∞ Output Control for Flexible Robot Arm under Semi-Markov Stochastic Uncertainties and Hybrid Attacks	TA2	Reinforcement Learning and Control	11-July- 2023	Tue	11:00 AM	1:00 PM	205
ICMLC-3023	A GLOBAL-AND-LOCAL FEATURE FUSION NETWORK FOR POINT CLOUD CLASSIFICATION	TA4	Uncertainty Modeling in Deep Learning	11-July- 2023	Tue	4:15 PM	6:00 PM	205
ICMLC-3024	MULTI-OBJECTIVE CROWD-AWARE ROBOT NAVIGATION SYSTEM USING DEEP REINFORCEMENT LEARNING	TA2	Reinforcement Learning and Control	11-July- 2023	Tue	11:00 AM	1:00 PM	205
ICMLC-3025	Exploring the Potential of Reinforcement Learning for Applications in Hydrogen Energy Systems	TA2	Reinforcement Learning and Control	11-July- 2023	Tue	11:00 AM	1:00 PM	205
ICMLC-3026	A NOVEL APPROACH TO USER AGENT STRING PARSING FOR VULNERABILITY ANALYSIS USING MULTI-HEADED ATTENTION	TC2	Computer Vision with Attention Mechanism	11-July- 2023	Tue	11:00 AM	1:00 PM	210
ICMLC-3027	CLASSIFYING BANGLA HEALTH MISINFORMATION FROM SOCIAL MEDIA USING MACHINE LEARNING	TC1	Machine Learning for Community-centric Systems	11-July- 2023	Tue	9:00 AM	10:30 AM	210
ICMLC-3029	Unsupervised community discovery algorithm via reconstructed graph neural network	TA4	Uncertainty Modeling in Deep Learning	11-July- 2023	Tue	4:15 PM	6:00 PM	205
ICMLC-3030	Contrastive Subspace Clustering with Dissimilarity Regularization	TC4	Learning Algorithm	11-July- 2023	Tue	4:15 PM	6:00 PM	210
ICMLC-3032	A solder crack inspection system using machine learning	TB2	Machine Learning and Its Application I	11-July- 2023	Tue	11:00 AM	1:00 PM	209
ICMLC-3035	Real-time Population Density Estimation in Dubai through Deep Learning and Car Counting in Satellite Images	MA1	Computer Vision Application	10-July- 2023	Mon	2:00 PM	4:00 PM	205
ICMLC-3037	Local Weighted Neighborhood Rough Sets for Weakly Labeled Data	TA4	Uncertainty Modeling in Deep Learning	11-July- 2023	Tue	4:15 PM	6:00 PM	205
ICMLC-3038	Anomaly Detection in Dynamic Graphs via Long Short-term Temporal Attention Network	TC2	Computer Vision with Attention Mechanism	11-July- 2023	Tue	11:00 AM	1:00 PM	210

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Title	ID	Title	Date		Start Time	End Time	Room
Two-Model Synergetic Learning Systems Optimization With Maxwell's Demon Technique	TA4	Uncertainty Modeling in Deep Learning	11-July- 2023	Tue	4:15 PM	6:00 PM	205
Non-local Tensor Sparse Representation and Tensor Low Rank Regularization for Dynamic MRI Reconstruction	TA4	Uncertainty Modeling in Deep Learning	11-July- 2023	Tue	4:15 PM	6:00 PM	205
IMPAIRMENT OF LTP, LTD AND METAPLASTICITY DURING THE EARLY STAGES OF ALZHEIMER'S DISEASE: A COMPUTATIONAL STUDY	MB1	Machine Learning in Healthcare	10-July- 2023	Mon	2:00 PM	4:00 PM	209
DEEP GRAPH REPRESENTATION LEARNING TO SOLVE VEHICLE ROUTING PROBLEM	тс3	Graph Machine Learning	11-July- 2023	Tue	2:00 PM	3:45 PM	210
Semi-tensor Product Based Control of Discrete-time Switched Systems	TA2	Reinforcement Learning and Control	11-July- 2023	Tue	11:00 AM	1:00 PM	205
HIGH-DIMENSIONAL PROBABILISTIC TIME SERIES FORECASTING VIA WAVENET+TIMEGRAD	TB2	Machine Learning and Its Application I	11-July- 2023	Tue	11:00 AM	1:00 PM	209
A Perspective Survey on Industrial Knowledge Graphs: Recent Advances, Open Challenges, and Future Directions	TC3	Graph Machine Learning	11-July- 2023	Tue	2:00 PM	3:45 PM	210
A Testbed for Automating and Analysing Mobile Devices and their Applications	TC1	Machine Learning for Community-centric Systems	11-July- 2023	Tue	9:00 AM	10:30 AM	210
Hiding in Plain Sight: Differential Privacy Noise Exploitation for Evasion-resilient Localized Poisoning Attacks in Multiagent Reinforcement Learning	TA2	Reinforcement Learning and Control	11-July- 2023	Tue	11:00 AM	1:00 PM	205
BINARY ARITHMETIC OPTIMIZATION ALGORITHM FOR FEATURE SELECTION IN PATTERN RECOGNITION	TD1	Adversarial Learning and Feature Selection	11-July- 2023	Tue	9:00 AM	10:30 AM	144
A COMPARISON OF ROAD DAMAGE DETECTION BASED ON YOLOV8	MA1	Computer Vision Application	10-July- 2023	Mon	2:00 PM	4:00 PM	205
SAMPLES ON THIN ICE: RE-EVALUATING ADVERSARIAL PRUNING OF NEURAL NETWORKS	TD1	Adversarial Learning and Feature Selection	11-July- 2023	Tue	9:00 AM	10:30 AM	144
	Two-Model Synergetic Learning Systems Optimization With Maxwell's Demon Technique Non-local Tensor Sparse Representation and Tensor Low Rank Regularization for Dynamic MRI Reconstruction IMPAIRMENT OF LTP, LTD AND METAPLASTICITY DURING THE EARLY STAGES OF ALZHEIMER'S DISEASE: A COMPUTATIONAL STUDY DEEP GRAPH REPRESENTATION LEARNING TO SOLVE VEHICLE ROUTING PROBLEM Semi-tensor Product Based Control of Discrete-time Switched Systems HIGH-DIMENSIONAL PROBABILISTIC TIME SERIES FORECASTING VIA WAVENET+TIMEGRAD A Perspective Survey on Industrial Knowledge Graphs: Recent Advances, Open Challenges, and Future Directions A Testbed for Automating and Analysing Mobile Devices and their Applications Hiding in Plain Sight: Differential Privacy Noise Exploitation for Evasion-resilient Localized Poisoning Attacks in Multiagent Reinforcement Learning BINARY ARITHMETIC OPTIMIZATION ALGORITHM FOR FEATURE SELECTION IN PATTERN RECOGNITION A COMPARISON OF ROAD DAMAGE DETECTION BASED ON YOLOV8 SAMPLES ON THIN ICE: RE-EVALUATING ADVERSARIAL PRUNING	Two-Model Synergetic Learning Systems Optimization With Maxwell's Demon Technique Non-local Tensor Sparse Representation and Tensor Low Rank Regularization for Dynamic MRI Reconstruction IMPAIRMENT OF LTP, LTD AND METAPLASTICITY DURING THE EARLY STAGES OF ALZHEIMER'S DISEASE: A COMPUTATIONAL STUDY DEEP GRAPH REPRESENTATION LEARNING TO SOLVE VEHICLE ROUTING PROBLEM Semi-tensor Product Based Control of Discrete-time Switched Systems HIGH-DIMENSIONAL PROBABILISTIC TIME SERIES FORECASTING VIA WAVENET+TIMEGRAD A Perspective Survey on Industrial Knowledge Graphs: Recent Advances, Open Challenges, and Future Directions A Testbed for Automating and Analysing Mobile Devices and their Applications Hiding in Plain Sight: Differential Privacy Noise Exploitation for Evasion-resilient Localized Poisoning Attacks in Multiagent Reinforcement Learning BINARY ARITHMETIC OPTIMIZATION ALGORITHM FOR FEATURE SELECTION IN PATTERN RECOGNITION A COMPARISON OF ROAD DAMAGE DETECTION BASED ON YOLOV8 MA1 SAMPLES ON THIN ICE: RE-EVALUATING ADVERSARIAL PRUNING	Two-Model Synergetic Learning Systems Optimization With Maxwell's Demon Technique Non-local Tensor Sparse Representation and Tensor Low Rank Regularization for Dynamic MRI Reconstruction IMPAIRMENT OF LTP, LTD AND METAPLASTICITY DURING THE EARLY STAGES OF ALZHEIMER'S DISEASE: A COMPUTATIONAL STUDY DEEP GRAPH REPRESENTATION LEARNING TO SOLVE VEHICLE ROUTING PROBLEM Semi-tensor Product Based Control of Discrete-time Switched Systems Semi-tensor Product Based Control of Discrete-time Switched Systems Ta2 Reinforcement Learning and Control HIGH-DIMENSIONAL PROBABILISTIC TIME SERIES FORECASTING VIA WAVENET+TIMEGRAD A Perspective Survey on Industrial Knowledge Graphs: Recent Advances, Open Challenges, and Future Directions A Testbed for Automating and Analysing Mobile Devices and their Applications Hiding in Plain Sight: Differential Privacy Noise Exploitation for Evasion-resilient Localized Poisoning 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Representation and Tensor Low Rank Regularization for Dynamic MRI Reconstruction TA4 Uncertainty Modeling in Deep 2023 IMPAIRMENT OF LTP, LTD AND METAPLASTICITY DURING THE EARLY STAGES OF ALZHEIMER'S DISEASE: A COMPUTATIONAL STUDY DEEP GRAPH REPRESENTATION LEARNING TO SOLVE VEHICLE ROUTING PROBLEM TC3 Graph Machine Learning in Healthcare 2023 Semi-tensor Product Based Control of Discrete-time Switched Systems TA2 Reinforcement Learning and 11-July-Systems TB2 Machine Learning and Its 11-July-2023 A Perspective Survey on Industrial Knowledge Graphs: Recent Advances, Open Challenges, and Future Directions A Testbed for Automating and Analysing Mobile Devices and their Applications TC1 Machine Learning for Community-centric Systems TC2 Reinforcement Learning and 11-July-2023 A Testbed for Automating and Analysing Mobile Devices and their Applications TC1 Machine Learning for Community-centric Systems TA2 Reinforcement Learning and 11-July-2023 A Testbed for Automating and Analysing Mobile Devices and their Community-centric Systems TC2 Reinforcement Learning and 11-July-2023 A Testbed for Automating and Analysing Mobile Devices and their Systems 2023 Hiding in Plain Sight: Differential Privacy Noise Exploitation for Evasion-resilient Localized Poisoning Attacks in Multiagent Reinforcement Learning and Evaluary 2023 BINARY ARITHMETIC OPTIMIZATION ALGORITHM FOR FEATURE Selection TD1 Adversarial Learning and Feature 11-July-2023 A COMPARISON OF ROAD DAMAGE DETECTION BASED ON YOLOV8 MA1 Computer Vision Application 10-July-2023 SAMPLES ON THIN ICE: RE-EVALUATING ADVERSARIAL PRUNING	Two-Model Synergetic Learning Systems Optimization With Maxwell's Demon Technique 11-July- 2023 Tue Learning Non-local Tensor Sparse Representation and Tensor Low Rank Regularization for Dynamic MRI Reconstruction 11-July- 2023 Tue Learning 10-Lip, LTD AND METAPLASTICITY DURING THE EARLY STAGES OF ALZHEIMER'S DISEASE: A COMPUTATIONAL STUDY MBh Machine Learning in Healthcare 2023 Tue DEEP GRAPH REPRESENTATION LEARNING TO SOLVE VEHICLE ROUTING PROBLEM 11-July- 2023 Tue Semi-tensor Product Based Control of Discrete-time Switched Systems 12-July- 2023 Tue Systems 12-July- 2023 Tue 2023	Two-Model Synergetic Learning Systems Optimization With Maxwell's Demon Technique TAA Uncertainty Modeling in Deep Learning Tue 4:15 PM Learning Tue Learning Tue 2023 Tue 4:15 PM Learning Tue 2023 Tue 4:15 PM Regularization for Dynamic MRI Reconstruction TAA Uncertainty Modeling in Deep Learning Tue 2023 Tue 4:15 PM Learning Tue Learning Tue 2023 Tue 2:00 PM 2023 Tue 2:00 PM 2:00 PM 2023 Tue 2:00 PM 2	Two-Model Synergetic Learning Systems Optimization With Maxwell's Demon Technique The Learning The

	Sessio	Session					
Title	ID	Title	Date		Start Time	End Time	Room
Autonomous Learning of Fuzzy Recurrent Neural Networks for Human Activity Recognition	TB1	Granular Computing and Decision Making	11-July- 2023	Tue	9:00 AM	10:30 AM	209
Medical Personal Protective Equipment detection using YOLOv7	MA1	Computer Vision Application	10-July- 2023	Mon	2:00 PM	4:00 PM	205
LEVERAGING HIGH-ORDER SIMILAR NODES AND STRUCTURAL CORRELATION FOR ATTENTION-BASED GRAPH EMBEDDING	TC3	Graph Machine Learning	11-July- 2023	Tue	2:00 PM	3:45 PM	210
MRFB-net for identifying butterfly species via images taken in the field environments	TA4	Uncertainty Modeling in Deep Learning	11-July- 2023	Tue	4:15 PM	6:00 PM	205
AN INTERACTIVE ATTENTION MECHANISM FUSION NETWORK FOR ASPECT-BASED MULTIMODAL SENTIMENT ANALYSIS	TC2	Computer Vision with Attention Mechanism	11-July- 2023	Tue	11:00 AM	1:00 PM	210
Bayesian Network Abstracted Model Prediction Using Auxiliary Node	TC4	Learning Algorithm	11-July- 2023	Tue	4:15 PM	6:00 PM	210
DOUBLE DISTILLATION OF BERT COMBINED WITH GCN FOR TEXT CLASSIFICATION	TB4	Machine Learning and Its Application II	11-July- 2023	Tue	4:15 PM	6:00 PM	209
On Reinforcement Learning in Probabilistic Logical Control Networks	TA2	Reinforcement Learning and Control	11-July- 2023	Tue	11:00 AM	1:00 PM	205
Lifting the Answer: Reranking Candidates on Data Augmented Text-to-SQL	TB4	Machine Learning and Its Application II	11-July- 2023	Tue	4:15 PM	6:00 PM	209
Optimal Scale Selection in Multi-Scale Interval-Set Decision Tables	TB1	Granular Computing and Decision Making	11-July- 2023	Tue	9:00 AM	10:30 AM	209
RADIOMICS BASED PREDICTION OF SYMPTOMATIC CAROTID PLAQUE IN MR IMAGES	MB1	Machine Learning in Healthcare	10-July- 2023	Mon	2:00 PM	4:00 PM	209
DATA DRIVEN FUZZY AND NEURAL DYNAMIC SYSTEMS MODELING	TB1	Granular Computing and Decision Making	11-July- 2023	Tue	9:00 AM	10:30 AM	209
	Autonomous Learning of Fuzzy Recurrent Neural Networks for Human Activity Recognition Medical Personal Protective Equipment detection using YOLOv7 LEVERAGING HIGH-ORDER SIMILAR NODES AND STRUCTURAL CORRELATION FOR ATTENTION-BASED GRAPH EMBEDDING MRFB-net for identifying butterfly species via images taken in the field environments AN INTERACTIVE ATTENTION MECHANISM FUSION NETWORK FOR ASPECT-BASED MULTIMODAL SENTIMENT ANALYSIS Bayesian Network Abstracted Model Prediction Using Auxiliary Node DOUBLE DISTILLATION OF BERT COMBINED WITH GCN FOR TEXT CLASSIFICATION On Reinforcement Learning in Probabilistic Logical Control Networks Lifting the Answer: Reranking Candidates on Data Augmented Text-to-SQL Optimal Scale Selection in Multi-Scale Interval-Set Decision Tables RADIOMICS BASED PREDICTION OF SYMPTOMATIC CAROTID PLAQUE IN MR IMAGES	Autonomous Learning of Fuzzy Recurrent Neural Networks for Human Activity Recognition Medical Personal Protective Equipment detection using YOLOV7 MA1 LEVERAGING HIGH-ORDER SIMILAR NODES AND STRUCTURAL CORRELATION FOR ATTENTION-BASED GRAPH EMBEDDING MRFB-net for identifying butterfly species via images taken in the field environments AN INTERACTIVE ATTENTION MECHANISM FUSION NETWORK FOR ASPECT-BASED MULTIMODAL SENTIMENT ANALYSIS Bayesian Network Abstracted Model Prediction Using Auxiliary Node DOUBLE DISTILLATION OF BERT COMBINED WITH GCN FOR TEXT CLASSIFICATION On Reinforcement Learning in Probabilistic Logical Control Networks Lifting the Answer: Reranking Candidates on Data Augmented Text-to-SQL Optimal Scale Selection in Multi-Scale Interval-Set Decision Tables RADIOMICS BASED PREDICTION OF SYMPTOMATIC CAROTID PLAQUE IN MR IMAGES MA1 TB1	Autonomous Learning of Fuzzy Recurrent Neural Networks for Human Activity Recognition Medical Personal Protective Equipment detection using YOLOV7 MA1 Computer Vision Application LEVERAGING HIGH-ORDER SIMILAR NODES AND STRUCTURAL CORRELATION FOR ATTENTION-BASED GRAPH EMBEDDING MRFB-net for identifying butterfly species via images taken in the field environments AN INTERACTIVE ATTENTION MECHANISM FUSION NETWORK FOR ASPECT-BASED MULTIMODAL SENTIMENT ANALYSIS Bayesian Network Abstracted Model Prediction Using Auxiliary Node DOUBLE DISTILLATION OF BERT COMBINED WITH GCN FOR TEXT CLASSIFICATION On Reinforcement Learning in Probabilistic Logical Control Networks Lifting the Answer: Reranking Candidates on Data Augmented Textto-SQL Optimal Scale Selection in Multi-Scale Interval-Set Decision Tables RADIOMICS BASED PREDICTION OF SYMPTOMATIC CAROTID PLAQUE IN MR IMAGES TB1 Granular Computing and Path Interval Computing and Decision Making Granular Computing and Path Interval Computing and Path Interval Carotic Plaque In MR IMAGES TB1 Granular Computing and Plaguage Interval Carotic Plagua	Autonomous Learning of Fuzzy Recurrent Neural Networks for Human Activity Recognition Tal: Granular Computing and Decision Making 11-July-Decision Making Medical Personal Protective Equipment detection using YOLOV7 MAI: Computer Vision Application Tal: Graph Machine Learning 10-July-2023 LEVERAGING HIGH-ORDER SIMILAR NODES AND STRUCTURAL CORRELATION FOR ATTENTION-BASED GRAPH EMBEDDING MRFB-net for identifying butterfly species via images taken in the field environments Tal: Uncertainty Modeling in Deep Learning Tal: Uncertainty Modeli	Autonomous Learning of Fuzzy Recurrent Neural Networks for Human Activity Recognition Tabla Granular Computing and Decision Making Tabla Granular Computing and Decision Application Tabla Granular Computing and Decision Application Tabla Granular Computing and Decision Making Tabla Uncertainty Modeling in Deep Decision Making Tabla Uncertainty Modeling in Deep Decision Making Tabla Computer Vision with Attention Decision Making Decision D	Autonomous Learning of Fuzzy Recurrent Neural Networks for Human Activity Recognition Medical Personal Protective Equipment detection using YOLOV7 MA1 Computer Vision Application Ma2023 Tue 9:00 AM LEVERAGING HIGH-ORDER SIMILAR NODES AND STRUCTURAL CORRELATION FOR ATTENTION-BASED GRAPH EMBEDDING MRFB-net for identifying butterfly species via images taken in the field environments AN INTERACTIVE ATTENTION MECHANISM FUSION NETWORK FOR ASPECT-BASED MULTIMODAL SENTIMENT ANALYSIS Bayesian Network Abstracted Model Prediction Using Auxiliary Node DOUBLE DISTILLATION OF BERT COMBINED WITH GCN FOR TEXT CLASSIFICATION On Reinforcement Learning in Probabilistic Logical Control On Reinforcement Learning in Probabilistic Logical Control Networks TB4 Machine Learning and Its Application II 1-July- 2023 Tue 4:15 PM Application II 2023 Tue 4:15 PM Machine Learning and Its Application II 1-July- 2023 Tue 4:15 PM Control On Reinforcement Learning in Probabilistic Logical Control Networks TB4 Machine Learning and Its Application II 1-July- 2023 Tue 4:15 PM Control On Reinforcement Learning and Its Application II 1-July- 2023 Tue 4:15 PM Control Optimal Scale Selection in Multi-Scale Interval-Set Decision Tables RADIOMICS BASED PREDICTION OF SYMPTOMATIC CAROTID PLAQUE IN MR IMAGES TB4 Granular Computing and 11-July- 10-9-00 AM RADIOMICS BASED PREDICTION OF SYMPTOMATIC CAROTID PLAQUE IN MR IMAGES TB5 Granular Computing and 11-July- 10-9-00 AM RADIOMICS BASED PREDICTION OF SYMPTOMATIC CAROTID PLAQUE IN MR IMAGES	TitleDateStart TimeEnd TrimeAutonomous Learning of Fuzzy Recurrent Neural Networks for Human Activity RecognitionTB1Granular Computing and Decision Making11-July-2023Tue9:00 AM10:30 AMMedical Personal Protective Equipment detection using YOLOY7MA1Computer Vision Application10-July-2023Mon2:00 PM4:00 PMLEVERAGING HIGH-ORDER SIMILAR NODES AND STRUCTURAL CORRELATION FOR ATTENTION-BASED GRAPH EMBEDDINGTC3Graph Machine Learning11-July-2023Tue2:00 PM3:45 PMMRFB-net for identifying butterfly species via images taken in the field environmentsTA4Uncertainty Modeling in Deep Learning11-July-2023Tue4:15 PM6:00 PMAN INTERACTIVE ATTENTION MECHANISM FUSION NETWORK FOR ASPECT-BASED MULTIMODAL SENTIMENT ANALYSISTC2Computer Vision with Attention Mechanism11-July-2023Tue4:15 PM6:00 PMBayesian Network Abstracted Model Prediction Using Auxiliary NodeTC4Learning Algorithm11-July-2023Tue4:15 PM6:00 PMDOUBLE DISTILLATION OF BERT COMBINED WITH GCN FOR TEXT CLASSIFICATIONTB4Machine Learning and its Application II11-July-2023Tue4:15 PM6:00 PMOn Reinforcement Learning in Probabilistic Logical ControlTA2Reinforcement Learning and Its Application II11-July-2023Tue4:15 PM6:00 PMOptimal Scale Selection in Multi-Scale Interval-Set Decision TablesTB1Granular Computing and Decision Making11-July-2023Tue4:15 PM6:00 PMOptimal Scale Selection in Multi-

Paper		Sessio	n					
ID	Title	ID	Title	Date		Start Time	End Time	Room
ICMLC-3072	EFFECT OF DIMENSIONALITY REDUCTION ON UNCERTAINTY QUANTIFICATION IN MACHINE LEARNING FOR ECG CLASSIFICATION	MB1	Machine Learning in Healthcare	10-July- 2023	Mon	2:00 PM	4:00 PM	209
ICMLC-3074	THE INFLUENCE OF ARTIFICIAL INTELLIGENCE ON WORKERS' VIEW OF TECHNOLOGY	TA1	Big Data and Artificial Intelligence	11-July- 2023	Tue	9:00 AM	10:30 AM	205
ICMLC-3075	INTELLIGENT CONTROL AND THE TRANSFORMATION OF WORK VALUES OF SKILLED WORKERS	TA2	Reinforcement Learning and Control	11-July- 2023	Tue	11:00 AM	1:00 PM	205
ICMLC-3077	Attribute Reduction of Object Granules of Concept Lattice Based on Three-Way Decision	TB1	Granular Computing and Decision Making	11-July- 2023	Tue	9:00 AM	10:30 AM	209
ICMLC-3079	A Humanoid Robot to Assess the Affective Imitative Expression Abilities of Children with Autism Spectrum Disorder	TD3	Sensing and Learning for Intelligent Systems	11-July- 2023	Tue	2:00 PM	3:45 PM	144
ICMLC-3082	Fine-tuned Heterogeneous Graph Convolutional Network Embedding	TC3	Graph Machine Learning	11-July- 2023	Tue	2:00 PM	3:45 PM	210
ICMLC-3083	SOLVING THE VRP USING TRANSFORMER-BASED DEEP REINFORCEMENT LEARNING	TA2	Reinforcement Learning and Control	11-July- 2023	Tue	11:00 AM	1:00 PM	205
ICMLC-3085	FUZZY LOGIC EVALUATION OF KNEE FLEXION ANGLE DURING GAIT	TB1	Granular Computing and Decision Making	11-July- 2023	Tue	9:00 AM	10:30 AM	209
ICMLC-3089	ASPIRATION DETECTION SYSTEM WITH VIDEO FLUOROSCOPIC EXAMINATION OF SWALLOWING TESTING	MB1	Machine Learning in Healthcare	10-July- 2023	Mon	2:00 PM	4:00 PM	209
ICMLC-4001	An extended Single-valued Neutrosophic EDAS model for multi- attribute decision-making and its application to innovation capability evaluation	TD2	Intelligent Systems	11-July- 2023	Tue	11:00 AM	1:00 PM	144
ICMLC-4002	Genetic Algorithm for Optimizing Blade Shape of Horizontally- Oriented Wind Turbine at Ras-Munif	TD2	Intelligent Systems	11-July- 2023	Tue	11:00 AM	1:00 PM	144
ICMLC-4003	A STUDY OF IMBALANCED DATASET CLASSIFICATION ON KDD99 DATASETS WITH REINFORCEMENT LEARNING MECHANISM	TD2	Intelligent Systems	11-July- 2023	Tue	11:00 AM	1:00 PM	144

Paper		Sessio	ession					
ID	Title	ID	Title	Date		Start Time	End Time	Room
ICMLC-4004	A STUDY OF MONTE CARLO TREE SEARCH-BASED MODEL FOR HIGH FREQUENCY TRADING	TD2	Intelligent Systems	11-July- 2023	Tue	11:00 AM	1:00 PM	144
ICMLC-4005	Interval type 2 fuzzy models for classification - A review	TD2	Intelligent Systems	11-July- 2023	Tue	11:00 AM	1:00 PM	144
ICMLC-4006	Clustering Analysis of a Spatiotemporal Dataset with a Novel Kernel Density Estimator	TD2	Intelligent Systems	11-July- 2023	Tue	11:00 AM	1:00 PM	144
ICMLC-4007	Optimization of Active-Reactive Power Scheduling Using Arithmetic Optimization Algorithm	TD2	Intelligent Systems	11-July- 2023	Tue	11:00 AM	1:00 PM	144
ICMLC-4009	Prediction of Laser Drilling Qualities for Optical Grade PMMA using Artificial Neural Network	TD2	Intelligent Systems	11-July- 2023	Tue	11:00 AM	1:00 PM	144
ICMLC-4011	Adaptive Selection of BERT Layer for Multi-Label Text Classification	TB3	Deep Processing of Unstructured Data	11-July- 2023	Tue	2:00 PM	3:45 PM	209
ICMLC-4012	Federated Reinforcement Learning for Sharing Experiences Between Multiple Workers	TB3	Deep Processing of Unstructured Data	11-July- 2023	Tue	2:00 PM	3:45 PM	209
ICMLC-4013	Numerical Embedding of Categorical Features in Tabular Data: A Survey	TB3	Deep Processing of Unstructured Data	11-July- 2023	Tue	2:00 PM	3:45 PM	209
ICMLC-4014	Binary Decomposition for Multi-Class Classification Problems: Development and Applications	TB3	Deep Processing of Unstructured Data	11-July- 2023	Tue	2:00 PM	3:45 PM	209
ICMLC-4015	De-Biasing Methods in Neural Networks: A Survey	TB3	Deep Processing of Unstructured Data	11-July- 2023	Tue	2:00 PM	3:45 PM	209
ICMLC-4016	Recent Advancements and Challenges in Multimodal Sentiment Analysis: A Survey	TB3	Deep Processing of Unstructured Data	11-July- 2023	Tue	2:00 PM	3:45 PM	209
ICMLC-4017	Transfer Learning-Based Facial Emotion Recognition With PSO- Based Hyper-Parameter Tuning	TB3	Deep Processing of Unstructured Data	11-July- 2023	Tue	2:00 PM	3:45 PM	209

Paper		Sessio	Session					
ID	Title	ID	Title	Date		Start Time	End Time	Room
ICMLC-4018	Integrated Multiscopic CPSS for Physical and Cognitive Measurement in an Independent Block Design Test	TA1	Big Data and Artificial Intelligence	11-July- 2023	Tue	9:00 AM	10:30 AM	205
ICMLC-4019	Action Quality Assessment Methods for ASD Behaviour Evaluation	TC1	Machine Learning for Community-centric Systems	11-July- 2023	Tue	9:00 AM	10:30 AM	210
ICMLC-4020	Optimal Minimum Energy Path Planning of Mobile Robot Based on Improved WOA-GA With Hybrid Strategy for Community-centric Application	TC1	Machine Learning for Community-centric Systems	11-July- 2023	Tue	9:00 AM	10:30 AM	210
ICMLC-4021	Analysis and Recognition of Confidence Level Based on Eye Gaze and Head Movement Towards Human-robot Co-learning	TC1	Machine Learning for Community-centric Systems	11-July- 2023	Tue	9:00 AM	10:30 AM	210
ICMLC-4022	Heart Rate Measurement in Low-Light Conditions and Human Natural Sleeping Positions Based on Video	TA1	Big Data and Artificial Intelligence	11-July- 2023	Tue	9:00 AM	10:30 AM	205
ICMLC-4023	Orthogonal Universal Kernel Non-negative Matrix Factorization with Total Variation Regularization	TA1	Big Data and Artificial Intelligence	11-July- 2023	Tue	9:00 AM	10:30 AM	205
ICMLC-4025	TARGET-ORIENTED MULTIMODAL SENTIMENT CLASSIFICATION BASED ON MULTI-HEAD ATTENTION AND GRAPH NEURAL NETWORK	TA1	Big Data and Artificial Intelligence	11-July- 2023	Tue	9:00 AM	10:30 AM	205
ICMLC-4026	Capsicum Flower Identification for Robotic Pollination in Greenhouses	TD3	Sensing and Learning for Intelligent Systems	11-July- 2023	Tue	2:00 PM	3:45 PM	144
ICMLC-4027	MetaFormer super-resolution network with recursive gated attention for the meteorological satellite cloud image	TD3	Sensing and Learning for Intelligent Systems	11-July- 2023	Tue	2:00 PM	3:45 PM	144
ICMLC-4029	OBJECT RECOGNITION AND SPATIAL RELATIONSHIP DETERMINATION IN POINT CLOUDS	TD3	Sensing and Learning for Intelligent Systems	11-July- 2023	Tue	2:00 PM	3:45 PM	144
ICMLC-4030	ANALYZE HAND MOTOR CAPABILITIES FOR POTENTIAL AUTISTIC INTERVENTION: A FEASIBILITY STUDY	TD3	Sensing and Learning for Intelligent Systems	11-July- 2023	Tue	2:00 PM	3:45 PM	144
ICMLC-4031	Feature Enhancement based Multi-Feature Fusion Network for Video Anomaly Detection in Offshore Surveillance	TD3	Sensing and Learning for Intelligent Systems	11-July- 2023	Tue	2:00 PM	3:45 PM	144

Paper		Sessio	n					
ID	Title	ID	Title	Date		Start Time	End Time	Room
ICMLC-4032	A CROSS-TIME ZONE TRANSFER CONSUMPTION MODEL FOR BASE STATION COMPUTING TASKS BASED ON PHOTOVOLTAIC PREDICTION	TB4	Machine Learning and Its Application II	11-July- 2023	Tue	4:15 PM	6:00 PM	209
ICMLC-4033	MULTI-AGENT BASED OPTIMAL BIDDING STRATEGY FOR POWER PRODUCER IN POWER MARKET	TB4	Machine Learning and Its Application II	11-July- 2023	Tue	4:15 PM	6:00 PM	209
ICMLC-4035	A ONE-SHOT LEARNING METHOD FOR HUMAN ACTIVITY RECOGNITION USING EXTRACTED ESSENTIAL POSES FROM PUSH- FIXED ADAPTIVE RESONANCE THEORY	TC1	Machine Learning for Community-centric Systems	11-July- 2023	Tue	9:00 AM	10:30 AM	210
ICMLC-4036	Adaptive Resonance Theory-based Topological Clustering with Node Deletion Mechanism for Evolving Stream Data	TC4	Learning Algorithm	11-July- 2023	Tue	4:15 PM	6:00 PM	210
ICMLC-4037	Cyborg Insect Perception Classification Using Machine Learning	TB4	Machine Learning and Its Application II	11-July- 2023	Tue	4:15 PM	6:00 PM	209
ICMLC-4038	Complex Manga Coloring Method based on Improved Pix2pix Model	TA3	Computer Vision	11-July- 2023	Tue	2:00 PM	3:45 PM	205
ICWAPR-8007	Light Field Compression Based on Graph Sample and Aggregate Algorithm	TC3	Graph Machine Learning	11-July- 2023	Tue	2:00 PM	3:45 PM	210
ICWAPR-8008	SHAPE ATTENTION MODULE FOR REGULARIZING 3D FACE RECONSTRUCTION	TC2	Computer Vision with Attention Mechanism	11-July- 2023	Tue	11:00 AM	1:00 PM	210
ICWAPR-8010	Identification of potato leaf disease based on the TS-ResNet deep learing method	MA1	Computer Vision Application	10-July- 2023	Mon	2:00 PM	4:00 PM	205
ICWAPR-8011	Unsupervised Low-light Image Enhancement based on Deep Lightness and Grey Pixel Estimation	TA3	Computer Vision	11-July- 2023	Tue	2:00 PM	3:45 PM	205
ICWAPR-8012	QUATERNION ELASTIC NET FOR SIGNAL RECOVERY	TB2	Machine Learning and Its Application I	11-July- 2023	Tue	11:00 AM	1:00 PM	209
ICWAPR-8013	The Application of Texture Classification Network with Hybrid Adaptive Wavelet in Graves' Disease Ultrasound Diagnosis	MB1	Machine Learning in Healthcare	10-July- 2023	Mon	2:00 PM	4:00 PM	209

Paper		Sessio	n					
ID	Title	ID	Title	Date		Start Time	End Time	Room
ICWAPR-8015	Rational Orthogonal Wavelet Pulse and Feature Extraction Method Based On Auditory Frequency Cepstral Coefficient For Underwater Target Localization	TA3	Computer Vision	11-July- 2023	Tue	2:00 PM	3:45 PM	205
ICWAPR-8016	IENet: Implicit and Explicit Graph Network for Point Cloud Analysis	TC3	Graph Machine Learning	11-July- 2023	Tue	2:00 PM	3:45 PM	210
ICWAPR-8017	Color Image Fusion in Quaternion Spectral Domain	TA3	Computer Vision	11-July- 2023	Tue	2:00 PM	3:45 PM	205
ICWAPR-8018	GSEK: Graph Structured Neural Networks with Energy Graph Kernel	TC3	Graph Machine Learning	11-July- 2023	Tue	2:00 PM	3:45 PM	210
ICWAPR-8020	Roof Segmentation of Remote Sensing Images Based on Improved UNet	MA1	Computer Vision Application	10-July- 2023	Mon	2:00 PM	4:00 PM	205
ICWAPR-8023	Feature Extraction Method for Early Stage Colorectal Cancer Based on Vascular Enhancement and Lifting Dyadic Wavelet Transform	MB1	Machine Learning in Healthcare	10-July- 2023	Mon	2:00 PM	4:00 PM	209
ICWAPR-8024	MULTI-SCALE ATTENTION NETWORK FOR OBJECT DETECTION	TC2	Computer Vision with Attention Mechanism	11-July- 2023	Tue	11:00 AM	1:00 PM	210
ICWAPR-8025	FINE MULTI-VIEW FEATURE SELECTION	TD1	Adversarial Learning and Feature Selection	11-July- 2023	Tue	9:00 AM	10:30 AM	144
ICWAPR-8026	A PREDICTIVE DEPENDENT POWER STORAGE CONTROL MODEL BASED ON GA-BP ALGORITHM	TB2	Machine Learning and Its Application I	11-July- 2023	Tue	11:00 AM	1:00 PM	209
ICWAPR-8028	Improved Yolov5 model based on the pyramid structure of dilated convolutions	TA3	Computer Vision	11-July- 2023	Tue	2:00 PM	3:45 PM	205
ICWAPR-8029	AN IMPROVED ATTENTION MECHANISM FUSION FOR MULTI-LABEL IMAGE CLASSIFICATION	TC2	Computer Vision with Attention Mechanism	11-July- 2023	Tue	11:00 AM	1:00 PM	210
ICWAPR-9001	CORRELATION ANALYSIS-BASED PREDICTION TECHNOLOGY OF SO2 CONCENTRATION AT DESULFURIZATION SYSTEM OUTLET	TB2	Machine Learning and Its Application I	11-July- 2023	Tue	11:00 AM	1:00 PM	209