

List of Papers Accepted in PReMI'23

ID	Title of the Paper
003	Unsupervised Discovery of Recurring Spoken Terms using Diagonal Patterns
005	MULTI-MODAL MULTI-CLASS PARKINSON DISEASE CLASSIFICATION USING CNN and DECISION LEVEL FUSION
007	An efficient approach for findings document similarity using optimized word mover's distance
008	FVINet: Translating Thermograms to Facial Vasculature Imprints
011	Multi-objective Non-overlapping Front Generation: A Pivot-based Deterministic Non-dominated Sorting Approach
012	MSPIS: Multimodal Suspicious Profile Identification System in Online Social Network
016	Ignore-and-recalculate strategy for a lossless and low-cost secret image sharing scheme
018	Multi-focus image fusion using reorganized DTT moments and sparse representation
020	Heterogeneous Stacked Ensemble Framework for Surface Electromyography Signal Classification
022	Elephant Swarm Water Search Algorithm (LESWSA) for Solving Constrained Optimization Problems: A List based Randomized Approach
024	MuOE: A Multi-Task Ordinality aware approach towards Engagement Detection
025	Audio Fingerprinting System to Detect and Match Audio Recordings
026	Explainable Decision Tree-based Screening of Cognitive Impairment Leveraging Minimal Neuropsychological Tests
027	Handling Small Disjuncts and Class Skew using Sequential Ellipsoidal Partitioning
035	Cyberbully: Aggressive Tweets, Bully and Bully Target Profiling from Multilingual Indian Tweets
041	Object Detection with YOLO Model on NAO Humanoid Robot
054	Generation of Multi-Layered QR Codes with Efficient Compression
055	Analysis of Segmented Spectrograms for Human activity recognition via Neural Network
057	Semi-supervised Contrastive Regression for Estimation of Eye Gaze
059	Self-Supervised Diffusion Model for Anomaly Segmentation in Medical Imaging
082	Fuzzy rule-based approach towards cognitive load measurement during mental task using fNIRS
083	Scene Estimation for Making Active Decisions
087	Aggregate load forecasting in residential smart grids using deep learning model
091	Financial Misinformation Detection via RoBERTa and Multi-Channel Networks
092	A Grammatical Evolution based Automated Configuration of an Ensemble Differential Evolution Algorithm
093	Universal Detection and Source Attribution of Diffusion Model Generated Images with High Generalization and Robustness
095	Quantum Image Teleportation based on Probabilistic Bit-Encoding strategy
097	Analysis of Speaker Recognition in Blended Emotional Environment using Deep Learning Approaches
104	Quantized Disentangled Representations for Object-Centric Visual Tasks
105	Error-bounded Bimodal Isotropic Remeshing using Curvature Map and Voronoi Tessellation
108	Mental Workload Classification with One-Dimensional CNN using fNIRS Signal
109	Spot the Bot: Distinguishing Human-Written and Bot-Generated Texts Using Clustering and Information Theory Techniques

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110	RGB-D fusion based on fuzzy optimization for salient object detection
111	AfforDrive : Detection of Drivable Area for Autonomous Vehicles
118	Ensemble Methods with [18F]FDG-PET/CT Radiomics in Breast Cancer Response Prediction
120	Conditioning Covert Geo-Location (CGL) Detection on Semantic Class Information
121	Semi-Supervised Video Object Segmentation using Parallel Coattention Network
123	Oscillatory Network and Deep Value Network based Memory Replay Model of Hippocampus
126	Spatiotemporal Co-occurrence Index using Spatiotemporal Variability Signals
128	Noise Robust Whisper Features for Dysarthric Severity-Level Classification
129	3-D Attention-SEV-Net for Segmentation of Post-operative Glioblastoma with Interactive Correction of Over-segmentation.
134	iBEHAVE : Behaviour Analysis Using Eye Gaze Metrics
135	Enforcement of DNN with LDA-PCA-ELM for PIE invariant Few-shot Face Recognition
136	Statistically Matched DWT based Novel DNN framework for Visual SLAM
140	Scalable Centroid based Fuzzy Min-Max Neural Network Ensemble classifier using MapReduce
143	Search-time Efficient Device Constraints-Aware Neural Architecture Search
146	Modified Group Delay Features for Emotion Recognition
147	Multilingual Speech Identification Framework (MSIF) A Novel Approach in language identification
148	EngageDat-vL: A Multimodal Engagement Dataset comprising of Emotional, Cognitive, and Behavioral Cues in Virtual Learning Environment
150	Spatial encoding of EEG brain wave signals to predict student's mental state during E-learning
151	Inverse Reinforcement Learning with Constraint Recovery
152	Spoken Language Identification using Linear Frequency Residual Cepstral Coefficients
156	Transfer Learning Kernel-Based Domain Adaptation with Distance-Based Penalization(KDADP)
158	SoccerKDNet: A Knowledge Distillation Framework for Action Recognition in Soccer Videos
159	Local Binary Pattern Induced Optimized CNN for Brain Tumor Diagnosis from MRI data
160	A Contrastive Learning Approach for Infrared-Visible Image Fusion
161	Compression of Large LSTM networks for Inference on Space Constraint Systems
162	An Effective Centrality-based Community Detection Approach using scRNA-Seq data for critical neuro-degenerative diseases
163	iPyrDAE: Image Pyramid-based Denoising Autoencoder for Infrared Breast Images
169	Gödel Number Based Encoding Technique for Effective Clustering
173	Annihilation of Image Stegogram through Deep Texture Extraction based Sterilization
174	iGame: Cognitive Game Analysis through Eye Movements of the player
175	Revealing the Unseen: A Single-Stage Attention Based Occluded Object Detection Model in Remote Sensing Imagery
178	Formal concept analysis for evaluating intrinsic dimension of a natural language

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180	Identifying a Person in Mask: Fusion of Masked Face and Iris
182	Encoded Deep Vectors for Eukaryotic Exon Prediction
191	DeFlare-Net: Flare Detection and Removal Network
192	Domain Adapted Few-Shot Learning for Breast Histopathological Image Classification
200	A Novel Network Architecture for Microplankton Classification in Digital Holographic Images
201	A Supervised Approach for Efficient Video Anomaly Detection using Transfer Learning
203	User Interest Drift Identification using Contextual factors in implicit feedback-based systems
207	Chronologically arranged Convolutional Gated Recurrent Network for EEG-Based Schizophrenia Detection
208	Spot the bot: Coarse-Grained Partition of Semantic Paths for Bots and Humans
210	Quantifying Intratumor Heterogeneity by Key Genes Selected Using Concrete Autoencoder
217	A PCA based Keypoint Tracking Approach to Automated Facial Expressions Encoding
221	Deep Sparse Representation Learning for Multi-Class Image Classification
222	Water quality classification using Multi-cell RNN in aquaculture ponds for catla fish
231	Membership Adjusted Superpixel based Fuzzy C-Means for White Blood Cell Segmentation
240	Explainable Deep Learning based Mechanism for Cyber Threat Identification in IoT-enabled Industrial Networks
249	Identification of potential prognostic biomarkers for ESCC using Single-cell RNA Sequencing Data Analysis
251	Deep Adaptive Pix-2-Pix Conditional Generative Adversarial Networks for Semantic Segmentation of Medium Resolution Google Earth Imagery
259	Fine grained attribute-object feature representation in Compositional Zero-Shot Learning
264	A Study of Quantifying the Deviation of Remotely Sensed Objects From Multi-Spectral Images
266	A Clustering-Based Approach for the Extraction of ROI from Fingerprint Images
276	Litchi Fruit Instance Segmentation from UAV Sensed Images using Spatial Attention-based Deep Learning Model
277	Multi-criteria decision-making based classifier ensemble by using Prioritized Aggregation Operators
280	Generation of data for training retinal image segmentation models
283	ccLoopER : Deep prediction of CTCF and Cohesin mediated chromatin looping using DNA transformer model
286	Precise and Faster Image Description Generation with Limited Resources using an Improved Hybrid Deep Model
298	Federated Optimization with Linear-time approximated Hessian diagonal
299	A Novel Brain Connectivity-Powered Graph Signal Processing Approach for Automated Detection of Schizophrenia from Electroencephalogram Signals
302	A novel Graph Representation Learning Approach for Visual Modeling using Neural Combinatorial Optimization
306	Cortical Circuits of Context Adaptability: Understanding the Neurobehavioral Mechanisms Underlying Flexible Behavior
307	Attention-based Convolutional Neural Network Outperforms Deep Architectures in Classifying Chest CT Images for COVID-19 Diagnosis