

Location	Conference Program	Time	Date
Main Hall	Registration	7:30-8:00	Wednesday 24 Dec 2025
	Conference Opening	8:00-8:10	
	Conference chairman speech	8:10-8:20	
	Keynote Speaker (Dr. Abhari)	8:25-09:00	
	Conference scientific chair speech	09:00-09:10	
	Coffee Break	09:10-10:00	
	Keynote Speaker(Dr. Hosseini)	10:00-11:00	
		11:00-12:00	
	Lunch	12:15-13:30	

December 24, 2025					
Wednesday					
ID	Title	Corresponding Author	Session	Time	Location
99	Comparative Performance of CNN-based Models for Seizure Detection in EEG Signals with SMOTE Data Balancing	Seyedeh Somayeh Naghibi	S1	14 - 14:15	3rd Floor Room 402
116	HAT-U-Net: A Hybrid Attention Transformer U-Net for Colorization of Fruits and Vegetables	Maryam Shayesteh	S1	14:15 - 14:30	3rd Floor Room 402
63	A Multi-Scale Wavelet Based Deep Learning Architecture for Effective EEG Artifact Removal	Mohammadreza Hassannejad Bibalan	S1	14:30 - 14:45	3rd Floor Room 402
175	A Robust NLMS and Weighted-Fusion Framework for Range and Angle Estimation in MIMO Automotive Radar	Alireza Zaherfekar	S1	14:45 - 15	3rd Floor Room 402
239	CO2 emission prediction based on the Type 2 Fuzzy Recurrent Neural Network (T2FRNN)	Moammad Fiuzy	S1	15 - 15:15	3rd Floor Room 402
37	XAI FL-IDS: A Federated Learning and SHAP-Based Explainable Framework for Distributed Intrusion Detection Systems	Mohammad Hossein Gholamrezazadeh	S1	15:15 - 15:30	3rd Floor Room 402
26	Explainable Anomaly Detection in Financial Time Series: A Hybrid Deep Learning Approach	Seyed Alireza Ebrahimzadeh Mousavi	S2	14 - 14:15	3rd Floor Room 403
148	Efficient Image Tamper Localization using Neural Activity Maps	Asadollah Shahbahrami	S2	14:15 - 14:30	3rd Floor Room 403
70	Convolutional Estimation of Reactive Betweenness and Dependency from DC Load Flow Data	Mohammad Shahraeini	S2	14:30 - 14:45	3rd Floor Room 403
92	Sparse Representation-based Plant Disease Detection using Leaf Image Processing	Keyvan Asefpour Vakilian	S2	14:45 - 15	3rd Floor Room 403
56	Enhancing Reasoning Skills in Small Persian Medical Language Models Can Outperform Large Scale Data Training	Mehrdad Ghassabi	S2	15 - 15:15	3rd Floor Room 403
198	Enhanced PCG Denoising Using a Multi-Stage Processing Chain and MLP-Driven VMD IMF Optimization	Sobhan Rezazadeh	S2	15:15 - 15:30	3rd Floor Room 403
181	Efficient Edge-Based Facial Emotion Recognition using a Compact Vision Transformer	Nima Esmi	S2	15:30 - 15:45	3rd Floor Room 403
118	Low-Power LoRa End-Device for Real-Time Direction Detection	Siavash Ahmadi	S3	14 - 14:15	3rd Floor Room 407
172	A Hybrid Cluster-Based Classification Model for Anomaly Detection in Unbalanced IoT Networks	Amir Hossein Fathi Hafshejani	S3	14:15 - 14:30	3rd Floor Room 407
39	Imputation of Missing Data in IoT Using an MLP Neural Network Optimized by the GOA	Samaneh Emami	S3	14:30 - 14:45	3rd Floor Room 407
46	IIoT-based Distributed Optimization for Thermal Management of Large-Scale Buildings	Alireza Farhadi	S3	14:45 - 15	3rd Floor Room 407

December 24, 2025					
Wednesday					
ID	Title	Corresponding Author	Session	Time	Location
226	Sustainable Lean-Based Integrated Optimization for Urban Waste Sweeping with Non-Motorized and Motorized Fleets and Operational Constraints	Javad Rezaeian	S3	15 - 15:15	3rd Floor Room 407
28	A Hybrid Hierarchical Metaheuristic Approach for Load Balancing in Cloud Computing Environment	Bagher Rahimpour Cami	S3	15:15 - 15:30	3rd Floor Room 407
161	Enhancing Static Analysis through LLM-Based Semantic Validation	Seyed Mohammad Taghavi Far	S3	15:30 - 15:45	3rd Floor Room 407
61	A Fuzzy Inference System-Based Decision-Making Unit for Arsenic Electrochemical Biosensors	Keyvan Asefpour Vakilian	S4	14 - 14:15	3rd Floor Room 409
86	An Energy-efficient Approximate Multiplier Based on Simplified Approximate Adders	Shaghayegh Vahdat	S4	14:15 - 14:30	3rd Floor Room 409
108	A Novel Bi-LSTM for Predicting Vehicle Fuel Consumption Using Limited Vehicle-Level Features	Seyed Mohammad Mahdi Pazhouh	S4	14:30 - 14:45	3rd Floor Room 409
155	Enhancing Heart Disease Prediction Using Feature Extraction and Machine Learning Algorithms with Outlier Handling	zahra Mohamadi nejhadi	S4	14:45 - 15	3rd Floor Room 409
238	Language Identification in Multilingual Texts using a Shared Alphabet via Fractal Dimension Analysis	Zeinab Khodabakhshi	S4	15 - 15:15	3rd Floor Room 409
182	NGS-GVA: Next-Generation Sequencing and Deep Learning with Hybrid SMOTE Balancing: Unraveling Genetic Variants in Alzheimer's Disease	Masoud kargar	S4	15:15 - 15:30	3rd Floor Room 409
177	A Non-Invasive Ensemble Learning Approach for the Diagnosis of Pancreatic Cancer	Sekineh Asadi Amiri	S5	14 - 14:15	3rd Floor Room 413
143	A Novel Hybrid Approach for Backlit Image contrast Enhancement	Mohammad Reza Hassanzadeh	S5	14:15 - 14:30	3rd Floor Room 413
64	Unsupervised Deep Autoencoder-Based Clustering for mining the Metabolic Syndrome	Mojtaba Hajihasani	S5	14:30 - 14:45	3rd Floor Room 413
187	Interpretable Two-Stage PPG Framework for Cerebrovascular Risk Assessment via Intermediate Blood Pressure Modeling	Hossein Marvi	S5	14:45 - 15	3rd Floor Room 413
126	A Blockchain-Assisted UAV Authentication Scheme for Secure Offloading in 5G-Fog IoV Networks	Yashar Salami	S5	15 - 15:15	3rd Floor Room 413
197	Transformer and Vision Transformer Architectures for Network Intrusion Detection: A Systematic Literature Review and Comparative Analysis	Mohammad Hossein Gholamrezazadeh	S5	15:15 - 15:30	3rd Floor Room 413

December 25, 2025

Thursday

ID	Title	Corresponding Author	Session	Time	Location
3	Research Trends in Cloud Computing-Based Signal Processing: A Bibliometric Analysis	Kamyab Azizi	S1	8 - 8:15	Online
5	A Hybrid Deep Learning and Probabilistic Framework for EEG-Based Schizophrenia Diagnosis	Armin Salimi-Badr	S1	8:15 - 8:30	Online
48	A Multimodal Deep Learning Framework for Continuous Grasp Score Prediction from 2D Images	Amir Arsalan Nematollahi	S1	8:30 - 8:45	Online
51	Image Denoising Based on Two-dimensional Sign LMS and NLMS Adaptive Filter Algorithms	Mohammad Shams Esfand Abadi	S1	8:45 - 9	Online
60	AXAN-Net: An Adaptive Exponential Approximator Neural Network for Latent Feature Composition with Application in Audio-Based Fan Fault Detection	Mohammad Pashaei	S1	9 - 9:15	Online
168	Real-Time Infrared Small Moving Object Detection Based on OS-CFAR	Mohammad Rezaee	S1	9:15 - 9:30	Online
174	تشخیص خودکار آریتمی قلبی مبتنی بر رویکرد ترکیب 1D- LSTM و 2D-CNN با لایه‌ی Dense پویا	سیده سمیه نقیبی	S1	10 - 10:15	Online
36	FedSiamese: Privacy-Preserving Face Verification using Federated Learning	Athena Abdi	S1	10:15 - 10:30	Online
204	A Data-driven Approach to Industrial Process Analysis and Quality Assurance in Steel Manufacturing Company Using Machine Learning Techniques	Iraj Mahdavi	S1	10:30 - 10:45	Online
193	Between-Day EEG Classification in BCI Systems: A Comparative Study of Transfer Learning and Ensemble Adaptation Strategies	Zahra Aqajanizadeh	S1	10:45 - 11	Online
119	تشخیص ناهنجاری در داده‌های مصرف برق خانگی مبتنی بر شبکه‌های هوشمند انرژی AMI	Narges Shirdel	S1	11 - 11:15	Online
147	Intelligent Modeling for Deriving Human Lens Stiffness Based on Patients' Demographic Features with Outcome in Phacoemulsification Surgery	Hadi Tabesh	S1	11:15 - 11:30	Online
101	Impact of Contrast Limited Adaptive Histogram Equalization on Banknote Recognition	Mohammad Javad Parseh	S1	11:30 - 11:45	Online
102	Evaluation of Traditional and Deep Learning-Based Video Compression Techniques for Surveillance Systems	soheib hadi	S1	11:45 - 12	Online
88	KD-OCT: Efficient Knowledge Distillation for Clinical-Grade Retinal OCT Classification	Nasrin Sanjari	S2	8 - 8:15	Online
8	Utilizing Colored Petri Nets in Industrial IoT-based Supply Chain Modeling	Alireza Hashemi Golpayegani	S2	8:15 - 8:30	Online

December 25, 2025

Thursday

ID	Title	Corresponding Author	Session	Time	Location
29	بررسی عملکرد اکسل عقب در بهبود پایداری خودرو (مورد مطالعه اکسل عقب دنا پلاس ساخت شرکت فراصنعت آمل)	نرجس احمدیان	S2	8:30 - 8:45	Online
67	برای تنظیم بریکس و گازخوری در فرآیند تولید نوشابه PID طراحی و شبیه سازی سیستم کنترل مبتنی بر	alireza taherigoki	S2	8:45 - 9	Online
73	How Machines Learn to Decide When to Alarm: A Case Study on Temperature Control	Amir Hossein Baradaran	S2	9 - 9:15	Online
95	طراحی و پیاده سازی سیستم تشخیص نفوذ مبتنی بر یادگیری عمیق برای امنیت شبکه های اینترنت اشیا	وجیهه نوروزی	S2	9:15 - 9:30	Online
96	Skin Cancer Classification Using Vision Transformers Based on Practical Optimizers	Hossein Ebrahimnezhad	S2	10 - 10:15	Online
152	Modern Trends in Content-Based Image Retrieval: A Comparative Review	Haibaoui Mohammed	S2	10:15 - 10:30	Online
47	به کارگیری یادگیری متضاد برای تشخیص ذات الریه در تصاویر اشعه ایکس	مهدی رضائیان	S2	10:30 - 10:45	Online
122	Low-Precision POSIT Arithmetic for Spiking Neural Networks with Kahan Summation	Reza Adinepour	S2	10:45 - 11	Online
69	DN-DETR for Medical Object Detection: Application to Melanoma Diagnosis	Amirreza Rouhbakhshmeghraz	S2	11 - 11:15	Online
87	An Efficient Fault Tolerance Approach for CNNs based on Selective TMR and Pruning	Farzin Sharifzadeh Javidi	S2	11:15 - 11:30	Online
125	LSTM-Based Emotional EEG Framework for Alzheimer's Diagnosis Using Connectivity and CNN Features	Arshia Rezaei	S2	11:30 - 11:45	Online
31	Characterization of Electrooculography Signals for Diabetic Retinopathy Based on Fractal Algorithms Using a Low-Cost Device	Dulce Martinez-Peon	S3	8 - 8:15	Online
57	A Comparative Study of Visual Servoing Schemes for ROV Hovering: Robustness and Performance of Image Moments versus Point Coordinates	Mehdi Loueipour	S3	8:15 - 8:30	Online
66	A Comprehensive Review of Deep Learning-Based Speaker and Face Recognition in Biometric Authentication: Methods, Challenges, and Detection of Deepfakes	Pedram Amini	S3	8:30 - 8:45	Online
79	Single-Image Depth to 3D Path planning for Collision-Free Drone Navigation	Milad HamishBahar	S3	8:45 - 9	Online
82	RoBoard: a Platform to Teach Robots How to Play Board Games	Armin Salimi-Badr	S3	9 - 9:15	Online
90	Load Forecasting and Demand Response for Enhancing Photovoltaic Hosting Capacity in Distribution Networks	Iman Soltani	S3	9:15 - 9:30	Online
91	Dual-Branch Multi-Task Transfer Learning for Short-Term PV Forecasting in Smart Grid Integrated EV Charging Stations Under Data Scarcity	Iman Soltani	S3	10 - 10:15	Online

December 25, 2025

Thursday

ID	Title	Corresponding Author	Session	Time	Location
167	Decoding movement kinematics from EEG using CNN based features	Pegah khoshkavandi	S3	10:15 - 10:30	Online
171	An Explainable MFCC-Based Deep Learning Framework for Song Emotion Recognition	Mousa Nazari	S3	10:30 - 10:45	Online
97	Human-Centric Anomaly Detection in Surveillance Videos Using YOLO-World and Spatio-Temporal Deep Learning	Hoda Mohammadzade	S3	10:45 - 11	Online
14	Intelligent Model for Identifying Defective Aircraft Parts	Hamidreza Rokhsati	S3	11 - 11:15	Online
200	Multi-Target ISAR Imaging of UAV Swarms Using Fast Reweighted Atomic Norm Denoising	Mohammad Roueinfar	S3	11:15 - 11:30	Online
93	Upgrading LSTM-Attention to a Transformer Decoder for Image Captioning with Object and Visual Features	Mohammad Javad Parseh	S3	11:30 - 11:45	Online
55	Bayesian Network-Based Data Augmentation for Missing Labels in Machine Learning	Habib Kabiri Chaleshtary	S4	8 - 8:15	Online
16	Heart Disease Prediction: A Novel Approach Using Mutual Information and Deep Learning	Ahmad Azarnik	S4	8:15 - 8:30	Online
17	Lightweight Spam Detection with BOW and Deep Stacking	Ahmad Azarnik	S4	8:30 - 8:45	Online
19	Air Quality Prediction Using Machine Learning Models on IoT Sensor Data	TermehMousavi	S4	8:45 - 9	Online
20	A Cross-Validation Framework for Robust ANN Modeling: Application to Electrical Discharge Machining of Inconel 718	Ahmad Azarnik	S4	9 - 9:15	Online
22	Beyond Personality: Integrating Emotional Intelligence for Enhanced Recommendation System	Ahmad Azarnik	S4	9:15 - 9:30	Online
23	سیستم توصیه شخصی سازی شده مبتنی بر یادگیری عمیق در خرده فروشی آنلاین	مهدی یزدیان دهکردی	S4	10 - 10:15	Online
30	EEG-ECG Connectivity in Different Emotion States based on Linear and Nonlinear Granger Causality	Bahar Shamsaei	S4	10:15 - 10:30	Online
38	تشخیص ناهنجاری در تصاویر صنعتی با آموزش تقابلی دو طرفه روی ویژگی‌های عمیق چند سطحی	Saman Mohammadi Raouf	S4	10:30 - 10:45	Online
52	EFD-SE-DPCNN: An EEG-Based Deep Learning Framework for Early Detection of Alzheimer's Disease	Saba Haji molla rabie	S4	10:45 - 11	Online
53	Application of Artificial Intelligence in Smart Grids: Methods and Challenges	Nadia Khiadani	S4	11 - 11:15	Online
164	An Ensemble Deep Learning Framework for Precise Diagnosis of Lung Diseases Using Medical Imaging	Azamossadat Nourbakhsh	S4	11:15 - 11:30	Online

December 25, 2025					
Thursday					
ID	Title	Corresponding Author	Session	Time	Location
71	Feedforward and CNN Approaches to Optimal PMU Placement: A Study on Erd'' os-R' enyi Synthetic Power Grids	Mohammad Shahraeini	S4	11:30 - 11:45	Online
98	Intelligent Control System of Simultaneous Cooling and Heating in Carbon Dioxide District Energy Systems	Meisam Sadi	S4	11:45 - 12	Online
34	VITA: A Voice-based Intelligent Transformer-GMM Assessment Framework for Parkinson's Disease Diagnosis	Saghar Shafaati	S5	8 - 8:15	Online
35	Hierarchical Reinforcement Learning for Integrated Cloud-FogEdge Computing in IoT Systems	Ameneh Zarei	S5	8:15 - 8:30	Online
54	Multi-Operator Image Resizing Using Saliency-Aware Seam Carving	Abolfazl Rouhizahir	S5	8:30 - 8:45	Online
65	Mitigating Gender Bias in Persian Speech Emotion Recognition Using Emotion-Aware Adaptive Loss and Hierarchical Fusion	Vajiheh Sabeti	S5	8:45 - 9	Online
179	Estimation of Smoke Concentration via Image Processing and Planar Laser-Induced Visualization	Maysam Saidi	S5	9 - 9:15	Online
43	A Framework for Aspect-Based Sentiment and Opinion Mining in Persian Language: Dataset Creation and Domain Application in Hotel Reviews	Sepideh Jamshidi Nejad	S5	10 - 10:15	Online
100	Clustering News on Iran's Nuclear Negotiations Using K-Means	Amir Hossein Baradaran	S5	10:15 - 10:30	Online
62	GALaXy-PPI: A Global-Attentive Local Transformer for Multi-Label PPI Typing	Nima Mahmoudi	S5	10:30 - 10:45	Online
142	Unsupervised Hyperspectral Image Anomaly Detection using 3D Convolutional Autoencoders	Damoon Alemzadeh	S5	10:45 - 11	Online
81	Comparative Evaluation of Machine Learning Models for Employee Attrition Prediction	Maryam Karimi	S5	11 - 11:15	Online
58	Deformable shape matching and point correspondence based on local, global, and geometric features of objects and its application to image retrieval	Fariba Amini	S5	11:15 - 11:30	Online
73	How Machines Learn to Decide When to Alarm: A Case Study on Temperature Control	Amir Hossein Baradaran	S5	11:30 - 11:45	Online
169	An Interpretable and Efficient KNN-Based Approach for Object Segmentation	Sina Saadati	S6	8 - 8:15	Online
170	On the Learners' Brain Processing of Syntactically Anomalous Sequences in English: An ERP Study	Saeedeh Shamsaee	S6	8:15 - 8:30	Online

December 25, 2025

Thursday

ID	Title	Corresponding Author	Session	Time	Location
178	Robust Trajectory Tracking and Muscle Force Estimation in a 2-DOF Musculoskeletal Arm Using Adaptive Integral Terminal Sliding Mode Control	Seyyed Arash Haghpanah	S6	8:30 - 8:45	Online
188	The N400 Component in the L2 Learners' Processing of Semantic Anomalies in L1 Formulaic Sequences	Saeedeh Shamsaee	S6	8:45 - 9	Online
190	EchoFusion: Multi-View Transformer Architecture with Anatomical Constraints for Comprehensive Echocardiographic Assessment	Bashir Najafabadian	S6	9 - 9:15	Online
72	Graph-based Reordering and Swap Refinement for Consecutive Numbering in Complex Power Grids	Mohammad Shahraeini	S6	9:15 - 9:30	Online
203	RL-MEL: Reinforcement-Learning-Guided Multi Task Evolutionary Learning for High-Dimensional Feature Selection	Malihe Danesh	S6	10 - 10:15	Online
163	Explainable Artificial Intelligence in Medical Image Segmentation: A Review of Approaches, Applications, and Challenges	Azamossadat Nourbakhsh	S6	10:15 - 10:30	Online
75	A novel approach for controlling robotic eye movement using U-Net based model	Reza Javanmard Alitappeh	S6	10:30 - 10:45	Online
83	B-CAD: Adaptive Dual-Attention Enhanced Framework for Breast Cancer Histopathology Image Classification	Seyedeh Somayeh Naghibi	S6	10:45 - 11	Online
6	Development of a Secure IoT-Based System for Real-Time Monitoring of Medical Image Equipment	Peyman Vafadoost Sabzevar	S6	11 - 11:15	Online
50	Speckle Noise Suppression in Liver Ultrasound Images Using a Grey Wolf Optimizer (GWO)-Based Homomorphic Filter: A Combined Quantitative and Qualitative Evaluation	Seyed Enayatallah Alavi	S6	11:15 - 11:30	Online
180	A Unified Blockchain Framework for Smart City Resource Management with Convertible Tokens	Amirhosein Mansouri	S6	11:30 - 11:45	Online
104	Graph-Regularized GEVD for Epileptic EEG Denoising: A Comparative Study of Temporal and Spatial Priors	Alireza Khaleghi Anaghizi	S7	10 - 10:15	Online
24	Reconstructing Sparse Elements in Sequential Data: Application to Wind Velocity	Reza Hassanian	S7	10:15 - 10:30	Online
105	A Spatiotemporal Graph Autoencoder for Early Freeway Traffic Anomaly Detection	Zahed Rahmati	S7	10:30 - 10:45	Online
123	Enhancing Yaw Error Tolerance in Synthetic Aperture Sonar via Maximum-Likelihood Receiver Selection on Mobius-Strip Arrays	Hamid Hajirahimi Kashani	S7	10:45 - 11	Online

December 25, 2025

Thursday

ID	Title	Corresponding Author	Session	Time	Location
10	Out-of-Distribution Detection in the PCA space of Vision Transformer	Mahboobeh Riahi-Madvar	S7	11 - 11:15	Online
49	Euclidean SLAM in Dynamic Environments: Two Novel Landmark Estimators for Moving Landmark Detection	Sayed Mojtaba Mirghaderi	S7	11:15 - 11:30	Online
12	Performance analysis of the SC implementation of the Forward-Forward learning algorithm	Quero, José M	S7	11:30 - 11:45	Online
130	Research On Vaccination Site Location and Capacity Allocation Based on Simulated Annealing	Chen Yueru	S7	11:45 - 12	Online