Tuesday	Hall: H1	Date: 1 Dec
CT5		Time: 16:15-17:30
Wireless Communications, Mobile Networks		
Session chairs:		

Paper id	Title of paper	Authors
1083	Power-Efficient Uplink Transmission in Cell-Free Massive MIMO Systems Under Channel Aging	Mohammad Karimi Sina Ahmadi
1055	Robust Multiuser Beamforming for Practical Discrete RIS With Three-Phase Channel Estimation	Shahaboddin Sheybani Amirmasoud Rabiei
1066	Rate comparision of 4 to 6 generation multiple access of wireless communication with considering hardware impairments	Mina Baghani Reza Bahri Hossein Samimi
1050	Energy-Efficient SWIPT With Pinching-Antenna Systems Under Imperfect CSI: Joint Robust Beamforming and Antenna Activation	Masoud Rahimi Sima Sobhi-Givi Hamid Behroozi Mahdi Nouri
1045	Sum-Rate Maximization in WPSN: Channel-Insensitive Optimal Energy Transfer Time	Omid Abachian Ghasemi Hosein Azarhava
1044	Reliability-Isolation Tradeoffs in Downlink Cell-Free Massive MIMO Slicing	Arvin Sattari S. Mohammad Razavizadeh

Tuesday	Hall: H2	Date: 1 Dec
CT8		Time: 16:15-17:30

Optical Networks, Systems and Optical Wireless Communications

Session chairs:

Paper id	Title of paper	Authors
1137	Split Learned Digital Backpropagation for End-to-End Optimized Nonlinear Compensation in Optical Fiber Communication Systems	Mohammad Hadi Mohammad R. Pakravan Ali Aryaee
1114	Explainable Machine Learning for QoT Estimation in Multi-Band Optical Networks	Yasin asemi Maral Torabi Mahdieh Mehrabi David Larrabeiti Ahmadreza Afi Matin Rafiei Farhad Arpanaei Hamzeh Beyranvand
1108	ETDoA: A Wireless Optical Synchronization Scheme for TDoA-Based Indoor Positioning in VLC-Based IoT Networks	Armita Khari Davoud Ranjbar Ali Poureslami Houman Zarrabi
1018	Investigation of the Effect of a 2D Borophene Layer on the Sensing Characteristics of a One-Dimensional Photonic Crystal Biosensor	Mahdieh Bozorgi

Tuesday	Hall: H3	Date: 1 Dec
SP3		Time: 16:15-17:30
Digital Platforms		
Session chairs:		

Paper id	Title of paper	Authors
1174	Reasoning in Agentic Retrieval-Augmented Generation: A Multidimensional Design Space and Evidence Map	Ali Alihallaj Fatemeh Farahnakfar
1192	Predicting Belief Change in Online Conversations Using Graph Attention Networks	Seyed mohammad hosein Mazhari Masoud Asadpour
1232	EO: A Lightweight and High Speed Embedding Oriented Framework for Microblog Hashtag Recommendation	Mahmood Heidari Mir Mohsen Pedram Amirreza Fasihi Rad
1081	Policy-Gated Verifiable Inference for GraphRAG	AmirAli Hosseini Abrishami Sadegh Dorri Nogoorani
1257	PAN-Agent: A Population-Augmented Negotiating Agent Based on LLM-Synthesized Opponents for Offline-to-Online Reinforcement Learning	Hossein Savari Fattaneh Taghiyareh

Tuesday	Hall: H4	Date: 1 Dec
CT7		Time: 16:15-17:30

Quantum Communications and Advanced Photonic Technologies

Session chairs:

Paper id	Title of paper	Authors
1094	Few-Photon Microwave Reception by Resonant Transmission Lines for Quantum Communication Links	Shahram Hosseinzadeh
1129	Adaptive and Efficient Routing Protocol for QKD Networks using Deep Reinforcement Learning and Link-State Awareness	Armita Khari Sara Tofighi
1154	Inter-Modal Spontaneous Four-Wave Mixing in Step-Index Few-Mode Fibers for Raman-Suppressed Quantum Key Distribution	Fatemeh Mohamadi Rahman Nouroozi
1197	Multilevel Electro-Thermal Modulator With Five GSST Cells in Mode Division Multiplexing Systems	Ali Atri Abbas Zarifkar

Tuesday	Hall: H5	Date: 1 Dec
CS3		Time: 16:15-17:30
Blockchain/SDN/NFV		
Session chairs:		

Paper id	Title of paper	Authors
1049	Edge-based Mitigation of HTTP LDoS Attacks in SDN Environments	Amirreza Damghanian Mohammad Javad Shayegan
1127	GuardedIntent: Temporal Evidence Reuse for LLM-Assisted NFV/SDN Orchestration	Pooya Jamshidi Nasser Yazdani Heshaam Faili
1131	Beyond Detection: Lightweight, Verifiable Byzantine Exclusion for DAG-Structured Decentralized Federated Learning	Mahdi Shokrgozar Nasser Yazdani
1124	NWDAF-Assisted Multi-KPI Predictive QoS Orchestration for 5G-R Networks	Shahpoor Rahmani Mohammad Reza Shakournia Pooya Jamshidi Nasser Yazdani

Tuesday	Hall: H6	Date: 1 Dec
SP2		Time: 16:15-17:30
Cloud, Edge and Quantum Computing		
Session chairs:		

Paper id	Title of paper	Authors
1074	Reinforcement Learning Based LQR Tracking Control for Nonholonomic Mobile Robots in Cloud Robotics	Seyed Mojtaba Hosseinzadeh - Reza Mohammadpour - Ebrahim Babazadeh Mehrabani
1100	Energy- and SLA-Aware Multi-Objective Virtual Machine Placement and Migration with Explicit Migration Cost in Homogeneous Cloud Data Centers	Alireza Yari Esmaeil Jamshidian
1133	HMCF-GWO: A Hybrid Multi-Objective Grey Wolf-PSO Algorithm for Resource Management and Task Scheduling in Cloud-Fog IoT Environments	Zahra Mokhtari Ehsan Arianian

Wednesday	Hall: H1	Date: 2 Dec
CS2		Time: 8:30-10:00
Cyber Security and Emerging Technology		
Session chairs:		

Paper id	Title of paper	Authors
1210	CamPWT-Set: A Benchmark Dataset of Campaign-Aware, Position-Wise Weighted Attack Sequences for MITRE ATT&CK Next-Step Prediction	Fatemeh Imanimehr Hamed Ebrahimi
1250	On the Relative Influence of Input-Difference Selection and Matrix Structure in Neural Differential Distinguishers: A Case Study on Reduced-Round GIFT-64 Block Cipher	Reza Ebrahimi Atani Alireza Gholizadeh Shahrbejari
1134	Secure Multi-Party Computation over Federated Graph Databases in Two-Level Cybersecurity Situational Awareness	Babak Sadeghiyan HosseinQanbarzadeh Motahareh Dehghan
1193	PACT: Separating Interpretation from Authorization to Contain Indirect Prompt Injection in LLM Agents	Hassan Nasiraee Tala Tafazzoli
1229	RoboFirewall: A Layered Agentic Guardrail Based on LangGraph for Streaming Defense Against Adversarial NLP Text Attacks	Hamed Ebrahimi Fatemeh Imanimehr

Wednesday	Hall: H2	Date:2 Dec
CS4		Time: 8:30-10:00
Industrial IOT Security		
Session chairs:		

Paper id	Title of paper	Authors
1015	A Digital Twin-Driven Predictive Framework for Cyber-Physical Communication Resilience in OPGW-Based Smart Grids under Asymmetrical Faults	Amirabbas Homayouni
1016	Ultra-Low-Latency GOOSE-Based Cyber-Attack Detection for Grid-Connected Inverters in IEC 61850 Digital Substations Using Spiking Neural Networks	Amirabbas Homayouni
1067	From Trust Dynamics to Service Continuity: A Data-Driven Reliability Framework for Clustered Social Internet of Things (S-IoT)	Asghar Mohammadian Houman Zarrabi
1107	Design and Fabrication of a Planar Capacitive Array For IoT Sensing Applications	Payam Nouri-Dokht Mohammad Fakharzadeh
1215	A Quality-Driven Hybrid Fusion Framework for Enhancing Low-Cost Thermal Infrared Imaging in IoT Nodes	Mohammad Fakharzadeh Mohamad Javad Amiri

Wednesday	Hall: H3	Date: 2 Dec
CT6		Time: 8:30-10:00

Intelligent Radio Access, Spectrum Management and Integrated Sensing and Communications

Session chairs:

Paper id	Title of paper	Authors
1212	Deep Learning-Based Optimization of 1D Movable-Antenna Positions for Integrated Sensing and Communication	Erfan Panahi Amir Masoud Rabiei Yeganeh Behzadianmehr
1155	User-Oriented DQN Selection of Target PAPR for Frequency-Selective ICWEF in 5G-NR	Leila Ghabeli Ahmadreza Aliababayi
1138	Priority-Aware URLLC Medium Access for 5G NR-U/Wi-Fi Coexistence Using Cellular Automata	Siavash Khorsandi Mohsen Rajabpour
1132	Probabilistic Channel Selection for Co-Channel Interference Reduction in Dense Wi-Fi Networks	Mohammad Behdadfar Nasser Yazdani Kazem Ayarzadeh Mehdi Kargahi
1130	Intelligent Spectrum Sensing for 6G: Performance Comparison of Deep Learning Models	Mohammad Taha Moslemi Reza Bahri

Wednesday	Hall: H4	Date: 1 Dec
CT9		Time: 8:30-10:00
Signal Detection, Processing and Analysis for Communications		
Session chairs:		

Paper id	Title of paper	Authors
1245	Adaptive UHF Signal Recovery Using a Multi-Parameter Dictionary and Nonlinear Refinement	Ali Ghasemi Mahdi Akhbari Hossein Karami
1160	A Multi-Domain ML-Based Digital Twin for UHF Signal Parameter Identification	Ali Ghasemi Mahdi Akhbari Hossein Karami
1141	Improvement of detection performance and Localization accuracy in the presence of interference signals using Deep Learning Techniques	Hossein Salami Saeed Akhavan
1123	Self-Supervised Speech Representations and Residual TCNs for Subspace-Compressed Articulatory Inversion	Aria Shakoo Yasser Shekofteh
1062	GPU-Accelerated Symbol Synchronization for OQPSK Receivers	Mohammad Shammakhi Parnia Haji Faraji Hamzeh Beyranvand

Wednesday	Hall: H5	Date: 2 Dec
CT10		Time: 8:30-10:00
Channel Coding, Decoding and Novel Hardware Architectures		
Session chairs:		

Paper id	Title of paper	Authors
1224	The Consideration of CNN and RNN Accelerators' Architecture Based on FPGA	Sahar Tabrizchi Hossein Gharaee Sahar Soleimany Ahmad Khademzadeh
1169	An FPGA-Optimized Memory Architecture for High-Throughput Multi-Port Shared Memory	Alireza Abbasian Mohammad Hadi Mohammad Reza Pakravan
1116	Analysis, Design, and Calibration of a Digitally Controlled Vector-Sum Phase Shifter	Reza Ehsani Alashti Mohammad Fakharzadeh
1196	Affine Syndrome-Space Chase Decoding	Reza Dianat Majid Nasiri Khormuji
1082	Distilled Neural-Guided GRAND for Short CRC-Aided Polar Codes	Ali Haghi Heidar Shooshtari Ali Nazarboland Amir-Hassan Rahmani

Wednesday	Hall: H6	Date: 2 Dec
SP1		Time: 8:30-10:00
Data and Services		
Session chairs:		

Paper id	Title of paper	Authors
1194	A Comparative Evaluation of Message-Passing and Random-Walk Graph Embeddings for Link Prediction	Seyyed Mohammad Jazayeri Masoud Asadpour
1054	A Credibility-Gated Mixture-of-Experts Approach to Political Truthfulness Classification	Abolfazl Dibaji Alireza Bagheri Ehsan Nazerfard Mohsen Elahifard
1180	Improving Zero-Shot Sketch-Based Image Retrieval via GAN-Based Image Super-Resolution	Hanieh Naderi Shaghayegh Modiri
1123	Self-Supervised Speech Representations and Residual TCNs for Subspace-Compressed Articulatory Inversion	Yasser Shekofteh Aria Shakoo
1145	Design and Shaping of Reflector Antenna for GEO Satellite Coverage of Iran's Borders Considering Optimum Orbital Position	Iman Aryanian Salma Mirhadi
1053	Granularity and Budget Control for Selective Redundancy in Multipath Video Streaming	Nasser Yazdani Ghader Zaboli

Wednesday	Hall: H1	Date: 2 Dec
CT4		Time: 14:00-15:30
Satellite Communications, Positioning, Navigation		
Session chairs:		

Paper id	Title of paper	Authors
1206	Indoor Polarization-Aware Ray Tracing Employing Short-Dipole Antennas for 5G Applications	Hasan Zakeri Gholamreza Moradi Sepehr SAHAB
1184	Minimum-UAV Selection for Wireless User Coverage Using Greedy and Genetic Algorithms	Shahriar Shirvani Moghaddam
1183	Silent Positioning: ISAC-Triggered Navigation-as-a-Service and Disconnected Geolocation Tracks Across RATs	AminAzari

Wednesday	Hall: H2	Date: 2 Dec
CS1		Time: 14:00-15:30
Telecommunication Services, IoT and AI Security		
Session chairs:		

Paper id	Title of paper	Authors
1090	Minority-Aware Resampling with Decision-Layer Posterior Reweighting for Rare Attack Detection in IoT Networks	MehdiBagheri Dahaj Ehsan Nazerfard Hossein Zeinali Iman Karimian
1105	Communication-Efficient and Interpretable Rule-Guided Federated Learning for IoMT	Ali Masoomi Homeira Shahparast Pirooz Shamsinejadbabaki
1150	LLM-Assisted Human-in-the-Loop Validation for Explainable Network Intrusion Alerts	Ala Amani Tehrani Leila Samimi-Dehkordi Abbas Horri
1213	Deployment-Efficiency Claims in Federated IoT Intrusion Detection: Evidence, Complexity, and Cost Trade-offs	Mahmood Ahmadi Shakib Komasi Saadat Izadi

Wednesday	Hall: H3	Date: 2 Dec
CT2		Time: 14:00-15:30

Millimeter Wave and Terahertz Technologies

Session chairs:

Paper id	Title of paper	Authors
1256	Design of a Series-Fed 77 GHz Antenna Array with Possible Usage of Kolmogorov-Arnold Networks	Mahmoud Kamarei JamalKazazi
1233	Robust Artifact Suppression in Sparse Multistatic Millimeter-Wave Imaging Using Coherence Weighting and Volumetric Percentile Compounding	HmaidrezaBashiri AmirnaderAskarpour
1228	Location-Aware Hybrid Reconstruction for Fast and Clutter-Robust Near-Field Microwave Imaging with Sparse MIMO Arrays	AliFotowat-Ahmady SohbanDabidian BehnamGhandi ZahraKavehvash
1177	An Ultra Wideband mmWave Imaging System with Impedance Modulation Calibration Target	Hengameh Azizi Mohammad Fakharzadeh
1032	A High Gain Ridge Gap Waveguide Slot Antenna Array applied for future 6G mm-Wave applications	Naghmeh SadatMoayedi Nosrat Granpayeh AmirsamanZare Andalani

Wednesday	Hall: H4	Date: 2 Dec
CT1		Time: 14:00-15:30

Antennas and Propagation

Session chairs:

Paper id	Title of paper	Authors
1088	Spoof Surface Plasmon Polariton Leak Wave Antenna for Millimeter-wave Applications	Farhad A. Boroumand Amir Zahedi Hadi Aliakbrian
1017	Design Methodology of a Dual-band Bandpass Filter Suitable for Medical Applications Using an Analytical Method	Alireza Golestanifar Mohammadreza Yousefi Najafabadi Esmail Akhondi Amirhosein Ghaderi
1126	Dependence of Reference-Antenna Pattern Correction on Quiet-Zone Ripple Type in Nonideal CATR Measurements	NeginPouyanfar RezaBahri
1104	A New Coplanar Waveguide (CPW)-Fed Monopole Antenna Using Fractal Methods for Ultra-Wideband and Super-Wideband Applications	Kambakhsh Athari
1103	Novel Elliptical Branched Ultra-Wideband Microstrip Antenna Using Fractal Methods for MIMO Systems	Kambakhsh Athari
1021	Switchable Waveguide Slot Array Antenna Based on Plasma Technology	Atefeh Ashrafian Fatemeh Sadeghikia Jalil Agha Rashed mohassel
1145	Design and Shaping of Reflector Antenna for GEO Satellite Coverage of Iran's Borders Considering Optimum Orbital Position	Iman Aryanian salmaMirhadi

Wednesday	Hall: H5	Date: 2 Dec
CT3		Time: 14:00-15:30

Metamaterials, Metasurfaces and Reconfigurable Intelligent Surfaces

Session chairs:

Paper id	Title of paper	Authors
1273	Wireless Power Transmission in Near-Field By a Bianisotropic Metasurface	ZahraAtlasbaf Pegah Nochian Keyvan Forooraghi
1035	Closed-Form Green's-Function Analysis of a Rectangular PEC Cavity with One Metasurface Wall	AbdorrezaTorabi
1219	A 1-Bit Reconfigurable Intelligent Surface Using a Triangular Lattice for the 5G-NR n78 Band	Hoseein Rahmani Mohammad Fakharzadeh Jahromi
1167	Microwave-Network-Based Fast Modeling of a Varactor-Based Reconfigurable Intelligent Surface for Rapid Array-Level Beam Steering at 3.6 GHz	Mohammad Fakharzadeh amirahmadIsazadeh
1111	Multi-Target, Multi-User STAR-RIS-Assisted ISAC Networks: An Optimization Approach for Sum Rate Maximization	KamalMohamed-pour Mohammad javad Azizipour SamiraArab Ameri
1007	Single-Layer Transmissive Metasurfaces with Cross-Polarization Conversion Capabilities	REZABahri NeginPouyanfar Mohsen Karamirad

Wednesday	Hall: H6	Date: 2 Dec
SP4		Time: 14:00-15:30
AI Applications		
Session chairs:		

Paper id	Title of paper	Authors
1010	Adaptive VR Video Streaming: A Proactive Approach using LSTM-based Congestion Prediction	Behzad Akbari Nima Zahedipour Yeganeh Chatri Pejman Goudarzi
1013	P-MVARS: Personalized Multi-View and Capacity-Aware Anomaly Ranking in Digital Financial Transactions	Afshin Ebrahimi Nima Falaki
1122	Physics-Informed Multi-Task Learning for Zero-Shot Sleep Apnea Detection and Severity Regression	Aria Shakoo Yasser Shekofteh
1143	Sinkhorn Guided Cross Modal Alignment with Uncertainty Aware Evidential Learning for Gastrointestinal Cancer Detection	Mohmmad parsa Yahya Zadeh Armin Salimi-Badr Aria Shakoo
1243	Applying Instructional Design Principles for the Enhancement of Learner Performance and Perceptions	Fatemeh Mohammadi Chinisaz Mohammad Javad Ebrahimi Torkaman Fattaneh Taghiyareh