



Thursday		Hall: H4	Date: 10 Oct
Poster Session 2			Time 9:45-10:45
<b>Future Networks, Systems &amp; Technologies part2 Empowerment &amp; Enabling Environment</b>			
<b>Poster Session chairs:</b> Ali Kheirdoost, Niloufar MoradHasel			
Paper id	Title of paper	Authors	
1023	Improving SEO System for Iranian Commercial Website Rankings using Fuzzy Inference System	Yasamin Farjadian Gholam Ali Montazer Yeganeh Sattari	
1036	The application of IoT devices in evidence collection and preservation In legal investigations In the common law legal system of Western countries	Narges Mahmoudi Jabber Ghasemi	
1052	Simulation of Cell Movement Control by Magnetophoretic Chips	Mohammadreza Yousefi Mohammad Taheri	
1084	Providing the Optimal Structure of Computer Emergency Response Teams Based on Service And Process	Reza Kalantari Nasrin Taaj Mohsen Babaei	
1088	An overview of the components of digital transformation from the perspective of models and frameworks presented in international reports	Seyyed Mohammadhossein Alipour Atefeh Farazmand Farshad Hakamizadeh	
1107	Analyzing the Challenges and Opportunities of Generative Artificial Intelligence in Iran's Banking Industry	Niloufar Moradhasel Mohammad Kazem Sayadi Mohamad shahram Moin	



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1116	OODA-Based Architectural Framework for a National Cyber Crisis Management Center With ISAS Integration	Fatemeh Imanimehr Alireza Enayati Marjan Bahrololum	
1171	Key Performance Indicators in Information Sharing and Analysis Centers (ISAC)	Fatemeh Valinezhad Afsaneh Madani	
1224	The effect of the expansion of information and communication technology on energy consumption with an emphasis on the role of institutional quality	Seyed Mohammad Amin Aleyasin Amir Hossein Mozayani	
1241	Identification and Analysis of Information Dissemination on Social Networks with a Focus on Instagram	Ahmad Ghasemi Zohre Mafi Mojtaba Mazoochi	
1109	Classification of Congestive Heart Failure Disease, Arrhythmias, And Normal Heart Rhythms Using Deep Learning	Nafiseh Batavani Mohammad Reza Yousefi	
1125	Array of Conformal Cavity-Backed Slot Antenna With Switched Beam Pattern for IoT Devices	Mohammad Bod Ehsan Koohkan Seyed hesamodin Najmolhoda	
1143	Decentralized Federated Deep Reinforcement Learning Framework for Energy-Efficient Base Station Switching Control	Narges Movahed Reza Shahbazian	



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1144	Analytical Approach for Characterizing Discontinuity in Transmission Lines through Time-Domain Reflectometry (TDR) Method with Quadratic Loads	Sepehr Sahab Hamidreza Bashiri Gholamreza Moradi	
1163	Deep Reinforcement Learning for Aol-aware Transmission Control in Energy-Harvesting Grant-Free NOMA IoT Networks	Marzieh Sheikhi Vesal Hakami Houman Zarrabi	
1172	Improved Performance of Cell-Free NOMA Networks Employing Common-User Clustering	S. Ali Mousavi Mehdi Monemi Reza Mohseni	
1177	Miniaturized Printed X-Band Magneto-Electric Dipole Antenna by Loading Parasitic Elements	Morteza Behbudi Javad Nourinia Changiz Ghobadi	
1180	Developing 3D CAD Models and Low-Cost Hardware for Learning New Topics in Telecommunication Laboratories	Jamal Kazazi Mahmoud Kamarei	
1181	Two-Dimensional Slot Array on a Nonplanar Gold film Metasurface, Designed for Melanoma Skin Cancer Detection	Amirsaman Zare Andalani Nosrat Granpayeh Sajad Zare Andalani Naghmeh Sadat Moaiedi	



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1197	Deep Reinforcement Learning-Driven Resource Allocation for Enhanced Performance in Multiple Access Networks	Mehran Kakavand Mina Baghani Hassan Yeganeh Reza Bahri	
1198	Ridge Waveguide Technology and Ridge Gap Waveguide Technology: A Comparison	Abbas Karimi Nobandegani Parisa Mahdavi Reza Bahri S. Esmail Hosseini	
1199	Control of UAVs Over Noisy Communication Channel	Somayeh Dolatkah takloo Alireza Farhadi Ali Khaki sedigh	
1203	Countering Physical Adversarial Attacks in Semantic Communication Networks: Innovations and Strategies	Maedeh Fallahreyhani Paeiz Azmi Nader Mokari	
1209	Improve Quality of Systems via Dynamic Cost-Aware Selection of Web-Services	Ali Jahani Fattaneh Taghiyareh	
1212	Shot Noise Optimal Filters for Phase-Diversity Homodyne Receivers	Mohammad Sheikhabaei Amir R. Forouzan	
1235	A Review of Feature Selection Methods for Disease Risk Prediction and healthcare	Fatemeh Mohammadi	



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1250	Millimeter-Wave Polarization Dynamics for Non-Invasive Vital Signs Monitoring: A Comprehensive Analysis	Mostafa Hosseinpour Niari Zahra Ghattan Kashani	
1265	A Novel Electronic Voting system using a Blind Signature scheme and Blockchain	Elahe Mehraban T. Aaron Gulliver Reza Atani Evren Hincal	
1266	DOA Estimation in FMCW Automotive Radars with Interference: ML and VMD Approaches	Alireza Zaherfekar Mohammad Javad Ghoreishian Ataollah Ebrahimzadeh	



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Poster Session 3				Time 15:30 – 16:30	
<b>Services, Platforms &amp; Devices</b>					
<b>Poster Session chairs:</b> Mahmoud Kharrat, Alireza Mansouri					
Paper id	Title of paper			Authors	
1010	Opportunities and Challenges Artificial Intelligence in Pharmacology			Jafar Abdollahi Omid Mehrpour	
1029	CareCompass: Monitoring made easy, Care made effective			Prabal Manhas Joydeep Chandra	
1047	Optimum Patch Selection for Wideband Planar Spoof Surface Plasmon Polaritons Ku-Band Satellite Receive Antenna			Mahdi Siasifar Asghar Keshtkar Shervin Amiri	
1077	Estimating Earthquake Magnitude using Simple Deep Learning Methods			AmirReza Malakutifar Nasser Mozayani Sajjad Kazem Shiroodi Omid Saeidi	
1082	LLM Performance Assessment in Computer Science Graduate Entrance Exams			Arya VarastehNezhad Reza Tavasoli Mostafa Masumi Fattaneh Taghiyareh	
1097	GN-CNN-LSTM: Financial Market Prediction With Gaussian Noise Embedded CNN LSTM			Mahsa Abbasi Masoud Kargar Fateme Ahmadian Deniz NoormohammadZadehMaleki Amirhossein Arandan Nayer Seyed Hosseini	



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1111	Smart Border Wall Condition Monitoring Using Fiber Bragg Grating (FBG) Sensors	Mohammad Reza Hedayati Hasan Yeganeh Davood Ranjbar
1124	Proposing a Novel Assessment Framework for Evaluation of Public Cloud Service Providers	Davood Maleki Ehsan Arianyan Neda Ghorbani
1131	Large Language Model (LLM) for Estimating the Cost of Cyber-attacks	Hooman Razavi Mohammad Reza Jamali
1140	Detection and Classification of Stuttering from Text	Fateme Moghimi Mehran Yazdi
1154	Boundary Detection in Agricultural Fields Using a Residual U-Net++ Architecture	Mehdi Alizadeh Parvin Ahmadi Masomeh Azimzadeh
1162	A Low-Cost Passive Thermal IR Imaging System for Automated Hidden Object Detection Using AI	Mohammad Javad Amiri Saman Ghazanfari Mohammad Parsa Mirzaei Sarmad Mohammad Fakharzadeh
1194	Proposing a Reliable and Fault-Tolerant Routing Algorithm for IoT Sensor Networks Using Poisson Distribution	Hashem Abdi Masoumeh Shiri Behrooz Shahrokhzadeh



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1200	A review of current research in automatic fetal brain segmentation from MRI using deep learning	Nazanin Valaee Vajiheh Sabeti	
1228	Modified Double-DQN: addressing stability	Shervin Halat Mohammad Mehdi Ebadzadeh Kiana Amani	
1231	Optimizing the Computational Offloading in the Mobile Edge Computing to Reduce the Transfer Time	Sorraya Gharravi Seyed Morteza Babamir	
1237	Efficient Diffusion Models in Wavelet Space	Iman Goudarzvand Amir Masoud Eftekhari Moghadam	
1239	Evaluating LLM-Generated Persian Questions for Teaching Conditional Programming Using Bloom's Taxonomy	Marzieh Alidadi Fattaneh Taghiyareh Narges Shahhoseini	
1245	Analyzing The Impact Of Sleep Quality On Cognitive Abilities Using Game-Based Assessment	Mohsen Mahmoudi Fattaneh Taghiyareh Farbod Bijary Amirali Shahriary	





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1246	Lifetime Enhancement in Wireless Body Area Networks Using Spare Nodes	Mehdi Goldust Reza Ebrahimi Atani	
1252	EngageMe: Enhancing Academic Performance While Watching Video Learning Objects Using Visual Modifications	Mohsen Mahmoudi Fattaneh Taghiyareh Abtin Hidaji	
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1254	Introducing a Semantic Model for Smart Composition of E-Learning Content	Narges Shahhoseini Fattaneh Taghiyareh Kambiz Badie	
1258	Proposing a Comprehensive Method for Extracting Monitoring Indicators for Cloud Service Layers	Davood Maleki Neda Ghorbani Ehsan Arianyan Alireza Mansouri	
1260	Implementation Sentences Attention Mechanism in online reviews	Mahnaz Azmayande Shahram Jamali Leila Rabiei Behnam Parastar	



# 11<sup>th</sup> International Symposium on Telecommunication



Communication in the Age of Artificial Intelligence  
October 9-10, 2024

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<b>Paper id</b>	<b>Title of paper</b>	<b>Authors</b>
1270	Quantum Algorithms and Hybrid Solutions for Real-Time Vision Applications: Evaluation and Comparison	Mahdi Seyfipoor Mohammad Javad Samii Zafarqandi Siamak Mohammadi