2024
11th International Symposium on Telecommunication

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

ICT Research Institute
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Thursday	Hall: H4	Date: 10 Oct
Poster Session 2		Time 9:45-10:45

Future Networks, Systems & Technologies part2 Empowerment & Enabling Environment		
Poster Session chairs: 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	Niloofar Moradhasel Mohammad Kazem Sayadi Mohamad shahram Moin
1116	OODA-Based Architectural Framework for a National Cyber Crisis Management Center With ISAS Integration	Fatemeh Imanimehr Alireza Enayati Marjan Bahrololum

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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
1144	Analytical Approach for Characterizing Discontinuity in Transmission Lines through Time-Domain Reflectometry (TDR) Method with Quadratic Loads	Sepehr Sahab Hamidreza Bashiri Gholamreza Moradi

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1163	Deep Reinforcement Learning for AoI-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
1197	Deep Reinforcement Learning-Driven Resource Allocation for Enhanced Performance in Multiple Access Networks	Mehran Kakavand Mina Baghani Hassan Yeganeh Reza Bahri

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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 Dolatkhah 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 Sheikhbahaei Amir R. Forouzan
1235	A Review of Feature Selection Methods for Disease Risk Prediction and healhcare	Fatemeh Mohammadi
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

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1266	DOA Estimation in FMCW Automotive Radars with Interference: ML and VMD Approaches	Alireza Zaherfekr Mohammad Javad Ghoreishian Ataollah Ebrahimzadeh

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Services, Platforms & Devices		
Poster Session chairs: 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 Fatemeh 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
1246	Lifetime Enhancement in Wireless Body Area Networks Using Spare Nodes	Mehdi Goldust Reza Ebrahimi Atani

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Services, Platforms & Devices

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1252	EngageMe: Enhancing Academic Performance While Watching Video Learning Objects Using Visual Modifications	Mohsen Mahmoudi Fattaneh Taghiyareh Abtin Hidaji
1252	EngageMe: Enhancing Academic Performance While Watching Video Learning Objects Using Visual Modifications	Mohsen Mahmoudi Fattaneh Taghiyareh Abtin Hidaji
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
1270	Quantum Algorithms and Hybrid Solutions for Real-Time Vision Applications: Evaluation and Comparision	Mahdi Seyfipoor Mohammad Javad Samii Zafarqandi Siamak Mohammadi

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