

IEEE 13th International Conference on Information & Knowledge Technology (IKT2022) - Conference Schedule							
Day 1: Tuesday, 20 th Dec., 2022							
Program			Hall	Time	Day	Session Chair	Mode
Inauguration Program							
Schedule announcement			Seventeenth Shahrivar	8:15	December 20 Tuesday	Dr. Ebadati	On-Site
Recitation of the Holy Quran				8:20			
National Anthem				8:25			
Presidential address by Honorable Chancellor of Kharazmi University				8:25-8:35			
Opening address by Conference Secretary				8:35-8:45			
Welcome address by Conference General Chair				8:45-8:55			
Chief Guest Speech, Deputy Minister				8:55-9:10			
Chief Guest Speech, Deputy Minister				9:10-9:25			
Guest of Honor	Title	Speaker	Hall	Time	Day	Session Chair	Mode
	The Functional Imperative: Pedagogy of Programming	Prof. Arun Kumar	Seventeenth Shahrivar	9:25-10:00	December 20 Tuesday	Message from Dr. Badie	On-Site
Break				10:00-10:30			
Keynote Speech	Title	Speaker	Hall	Time	Day	Session Chair	Mode
	Towards the Development of a Realistic Multidimensional IoT Profiling Dataset	Dr. Hassan Mahdikhani	Seventeenth Shahrivar	10:30-11:00	December 20 Tuesday	Dr. Kelarestaghi	On-Site
	Digital Transformation in Banking Development	Dr. Alireza Mahyar		11:00-11:15			
	Data Governance	Dr. Hamidreza Ahmadian		11:15-11:30			
	Cross-industry Standard Process for Data Mining (CRISP-DM)	Dr. Serwa Sabet Ghadam		11:30-12:00			Online
Break				12:00-13:00			
Paper ID	Title	Authors	Hall	Time	Day	Session Chair	Mode
IKT1087	An Improved Drone Detection Method Using Deep Learning for Augmentation Detection Speed	Mohammad Bahrami, Seyyed Amir Asghari, Mohammadrez a Binesh Marvasti, Sajjad Ansaria	Seventeenth Shahrivar	13:00-14:00	December 20 Tuesday	Dr. Eshghi	On-Site
IKT1023	A Comparison between Slimed Network and Pruned Network for Head Pose Estimation	Amir Salimiparsa, Hadi Veisi, Mohammad-Shahram Moin					
IKT1066	Human Resource Allocation to the Credit Requirement Process, A Process Mining Approach	Omid Mahdi Ebadati, Mohammad Mehrabioun, Shokoofeh Sadat Hosseini					
IKT1014	Identification of Livestock Breeding Websites Using Learning Vector Discrete Neural Network (LVQ)	Yeganeh Satari, Gholamali Montazer	Earth Sciences	13:00-14:00	December 20 Tuesday	Dr. Kelarestaghi	On-Site
IKT1072	Multi-label Classification of Steel Surface Defects Using Transfer Learning and Vision Transformer	Amirhossein Komijani, Farzaneh Vafaeinezhad, Javad Khoramdel, Yasamin Borhani, Esmaeil Najafi					
IKT1037	Identification of Malonylation Sites in Proteins Using Feature Extraction and Natural Language Processing Techniques	Hanana Rajabion, Mohammad ghasimzadeh, Vahid Ranjbar Bafghi					
IKT1085	Stock Market Prediction Using Hard and Soft Data Fusion	Saeed Mohammadi Dashtaki, Masoud Alizadeh,	Lecture Room	13:00-14:00	December 20 Tuesday	Dr. Marvasti	On-Site

		Behzad Moshiri					
IKT1021	Analysis and Review of Approximate Calculation Techniques	Mohammad Milad Sayad, Mohammad Reza Binesh Marvasti, Seyyed Amir Asghari					
IKT1075	Optimal Selection of Seed Nodes by Reducing the Influence of Common Nodes in the Influence Maximization Problem	Farzaneh Kazemzadeh, Ali Asghar Safaei, Mitra Mirzarezaee					
Break				14:00-14:30			
Keynote Speech	Title	Speaker	Hall	Time	Day	Session Chair	Mode
	Digital Twin as a service: A novel approach to address complex physical challenges	Dr. Shohin Ahleroff	Seventeenth Shahrivar	14:30-15:00	December 20 Tuesday	Dr. Eshghi	Online
	Electrical machine and their corresponding Digital Twin	Dr. Irenji		15:00-15:30			
	Recent Investigations in Machine Learning and Edge Computing	Dr. Rajeev Shorey		15:30-16:00			
		Prof. Valentina Balas		16:00-1630			
	Efficient and Privacy-Preserving Similarity Query with Access Control in eHealthcare	Dr. Rongxing Lu		16:30-17:00			
Special Session		Speaker	Hall	Time	Day	Session Chair	Mode
Meeting on Agriculture and Information and Communication Technology		Honorary chairman Dr. Mokhber	Earth Sciences	14:30-17:00	December 20 Tuesday	Dr. Mirrahimi	On-Site
Day 2: Wednesday, 21st Dec., 2022							
Paper ID	Title	Authors	Hall	Time	Day	Session Chair	Mode
IKT1064	Recommendation Systems in Smart Agriculture: Pathway to a well-designed system	Ahmad Nameni, Amir Ghafarian Daneshmand, Omid Mahdi Ebadati	Seventeenth Shahrivar	8:30-10:00	December 21 Wednesday	Dr. Amjadifard Dr. Mansouri	On-Site
IKT1065	A Hybrid Method to Reduce the Voltage Consumption in the Spiking Neural Networks	Shaghayegh Mehdizadeh saraj, Seyyed Amir Asghari, Mohammadrez a Binesh Marvasti					
IKT1043	Forex Market Forecasting Using Candlestick Chart and GRU Neural Network	Mohammad Reza Nowrozi, Maryam Momeni					
IKT1080	Intrusion Detection System Based on Convolutional Neural Network to Detect Denial of Service Attack in the Internet of Vehicles	Zahra Janfeda, Seyyed Amin Hosseini Sano					
IKT1028	A Survey on Utilizing Reinforcement Learning in Wireless Sensor Networks Routing Protocols	Ali Forghani Elah Abadi, Seyedeh Elham Asghari, Sepideh Sharifani, Seyyed Amir Asghari, Mohammadrez a Binesh Marvasti					
Keynote Speech	Title	Speaker	Hall	Time	Day	Session Chair	Mode
	Knowledge Base 4.0: Towards Intelligent Knowledge Bases in the Age of Big Data and Artificial Intelligence	Dr. Amin Beheshti	Seventeenth Shahrivar	10:00-10:30	December 21 Wednesday	Dr. Amjadifard Dr. Mansouri	Online

Break			10:00-10:30				
Paper ID	Title	Authors	Hall	Time	Day	Session Chair	Mode
IKT1042	Improving Accuracy and Efficiency in Convolutional Neural Networks Using Approximate Calculation Methods	Mohammadrez a Rafieinejad, Mohammadrez a Binesh Marvasti, Seyyed Amir Asghari	Seventeenth Shahrivar	11:00-12:00	December 21 Wednesday	Dr. Moini	On-Site
IKT1089	Advanced Fuzzy Cognitive Maps (FCM) Approach for Modeling Complex Dynamic Systems	Fariba Eslami Amirabadi, Kamal Mirzaei Badrabadi					
IKT1012	Cryptographic Traffic Classification Based on Machine Learning	Afsaneh Maadani, Shagheygh Naderi, Hossein Qaraei					
IKT1049	A Novel Approach to Data Mining Algorithms and IoT based Data Mining Machine Learning	Danial Ramezani, Seyed Hossein Siadat					
Break			12:00-13:00				
Paper ID	Title	Authors	Hall	Time	Day	Session Chair	Mode
IKT1024	Ensemble Model Based on an Improved Convolutional Neural Network with a Domain-agnostic Data Augmentation Technique	Faraz Fatahnaie, Armin Azhdehnia, Seyyed Amir Asghari, Mohammadrez a Binesh Marvasti	Seventeenth Shahrivar	13:00-14:30	December 21 Wednesday	Dr. Khandan Dr. Moini	On-Site
IKT1079	An OWA-Powered Dynamic Customer Churn Modeling in the banking industry Based on Customer Behavioral Vectors	Masoud Alizadeh, Mohammad Soleymannejad, Behzad Moshiri	Seventeenth Shahrivar	13:00-14:30	December 21 Wednesday	Dr. Khandan Dr. Moini	On-Site
IKT1031	Imputation of Missing Values in Multivariate Time Series Data to Predict Patient Mortality with a Deep Learning Approach Based on the Attention Mechanism.	Seyed Ali Hashemi, Saeed Jalili					
IKT1017	Classification of Duplicate Data Identification Methods to Facilitate the Data Cleaning Process	Mehdi Jaafari, Ahmad Abdullahzadeh					
IKT1027	A Parallel Approach to the Fractional Time Delay Model for Predicting the Spread of COVID-19	Mahdi Movahedian Moghaddam, Kourosh Parand	Earth Sciences	13:00-14:30	December 21 Wednesday	Dr. Ashrafi Dr. Kelarestaghi	On-Site
IKT1018	Software Design Based on Augmented Reality with the Application of Selling Glasses	Mina Alianejad, Nastern Zanjani, Zahra Askarinejad Amiri					
IKT1015	A Clonal Selection Mechanism for Load Balancing in the Cloud Computing System	Melika Mosayyebi, Reza Azmi					
IKT1032	Mode Selection and Resource Allocation in D2D-Enabled MC-NOMA using Matching Theory	Alireza Gholamrezaee, Hamid Farrokhi, Javad Zeraatkar Moghaddam					
Break			14:30-15:00				
	Title	Speaker	Hall	Time	Day	Session Chair	Mode

Keynote Speech	Towards Personalized Education Through Contextual Content Enrichment	Dr. Vikram Goyal	Seventeenth Shahrivar	15:00-15:30	December 21 Wednesday	Dr Azimi	Online
Special Session		Speaker	Hall	Time	Day	Session Chair	Mode
Application of ICT in Education		Dr. Ali Azimi	Seventeenth Shahrivar	15:30-17:00	December 21 Wednesday	Dr Azimi	On-Site
Digital Economy		Dr. Afshari Rad	Earth Sciences	15:30-17:00	December 21 Wednesday	Dr. Afshari Rad	On-Site
Day 3: Thursday, 22nd Dec., 2022							
Paper ID	Title	Authors	Hall	Time	Day	Session Chair	Mode
IKT1022	A Deep Neural Network-based Method for MmWave Time-varying Channel Estimation	Amirhossein Molazadeh, Zahra Maroufi, Mehrdad Ardebilipour	Seventeenth Shahrivar	8:00-9:30	December 22 Thursday	Dr. Ahmadi Dr. Moini	On-Site
IKT1050	A Joint Trajectory and Energy Harvesting Method for an UAV Enabled Disaster Response Network	Hosein Mohammadi Firozjae, Javad Zeraatkar Moghaddam, Mehrdad Ardebilipour					
IKT1067	Offloading Internet of Things tasks on computing fog using water bug algorithm	Efat Taghizade Bilandi, Arash Deldari, Alireza Salehan					
Keynote Speech	Title	Speaker	Hall	Time	Day	Session Chair	Mode
	An IoT-enabled middleware as a retrofit for transforming legacy systems	Dr. Shohin Aheleroff	Seventeenth Shahrivar	9:30-10:00	December 22 Thursday	Dr. Ahmadi Dr. Moini	Online
Break			10:00-10:30				
Paper ID	Title	Authors	Hall	Time	Day	Session Chair	Mode
IKT1016	Maximizing Influence in Social Networks Based on User Activity	Fatima Jaafari, Alireza Rezvanian	Seventeenth Shahrivar	10:30-12:00	December 22 Thursday	Dr. Khastar Dr. Yousefi	On-Site
IKT1010	Artemia: A Community-based and Call Order-aware Routing Protocol in a Delay-oriented mobile Social Network	Saeed Moradi, Jamshid Bagherzadeh Mahasefi					
IKT1086	Investigating the Effectiveness of Web 0.2 Technology in Supporting Human-centered and Knowledge-based Processes	Seyed Ehsan Malihi, Fatemeh Mashaeykhi kordkola	Seventeenth Shahrivar	10:30-12:00	December 22 Thursday	Dr. Khastar Dr. Yousefi	On-Site
IKT1071	An Overview of Community Recognition in Social Networks	Safora Akhlaghi, Mohammad Baqer Minhaj, Behrouz Maasoumi	Earth Sciences	10:30-12	December 22 Thursday	Dr. Moin Dr. Mohammadi	On-Site
IKT1047	Non-Linear Control of Cancer Model, Considering the Drug Resistance Using Feedback Based Chemotherapy Approach	Danial Kiaei, Hami Tourajizadeh					
IKT1051	Optimal Control of Robotic Hand for Rehabilitation Using Fractional Order Systems and EEG Signal Processing	Mehran Safari Dehnavi, Vahid Safari Dehnavi, Masoud Shafiee					
IKT1026	Design and Modeling of a Waiter Robot	Amin Mohammadnejad, Hami Tourajizadeh					
IKT1088	Development of a Conceptual Model for the Design of the Flood Crisis Management Process through Optimizing the Use of Internet of Things Devices (IoT Devices) in Decision Making	Mahmoud Rasouli, Seyed Ehsan Malehi					

IKT1069	Bibliometric Analysis of Articles in the Field of Digital Twins	Fateme Makizadeh, Sara Saraf, Mustafa Shirali	Lecture Room	10:30-12	December 22 Thursday	Dr. Siadat Dr. Khandan	On-Site
IKT1013	Data Analysis to Reduce Electrical Power Plants	Amirali Sahraei, Jamshid Shanbehzadeh					
IKT1060	IT-based and Non-IT-based Methods to Separate and Collect Waste	Hoda Harati, Farzad Haghighi-Rad, Reza Yousefi Zenouz					
IKT1077	A Model-Driven Approach for Automatic Generation of Android Tourism Applications	Sara Adib, Bahman Zamani					
IKT1046	Data-driven Measurement of Employees' Brand Equity	Alireza Braradaran, Sepideh Nasiri					
Break			12:00-13:00				
Keynote Speech	Title	Speaker	Hall	Time	Day	Session Chair	Mode
	Digital Transformation in Business Model	Massoud Safari	Seventeenth Shahrivar	13:00-13:30	December 22 Thursday	Dr. Mahdikhani	On-Site
	Applicability of Machine Learning dexterities for enhancing security in Digital Computational Systems	Dr. Mohammad Ubaidullah Bokhari		13:30-14:00	December 22 Thursday		Online
	Digital Entrepreneurship: Opportunities & Challenges Ahead	Dr. Md Tabrez Nafis		14:00-14:30			
	Behavioural Monitoring and Security Profiling in the Internet of Things (IoT)	Dr. Sajjad Dadkhah		14:30-15:00			
		Dr. Amir Sharafkhaneh		15:00-15:30			
Special Session		Speaker	Hall	Time	Day	Session Chair	Mode
Speaker of the Successful Experiences in the Field of ICT in the Banking Industry (Especially for Master's and Senior Bachelor's Students in Computer Engineering and Information and Communication Technology)		Mr. Kaviani	Earth Sciences	13:30-14:30	December 22 Thursday	Dr. Shanbehzade h	On-Site
Valedictory Program							
Program			Hall	Time	Day	Session Chair	Mode
Schedule Announcement			Seventeenth Shahrivar	15:30	December 22 Thursday	Dr. Asghari	On-Site
Recitation of Quranic Verses				15:35			
National Anthem				15:40			
The Scientific and Executive Directors of the Conference				15:45			
Speaker of the Honorable Vice President of Research and Technology				16:00			
Acknowledgments				16:20			