



Wednesday	Hall: Main hall	Date: 9 Oct
CT1		Time 10:45-12:15
Signal Detection/ Processing for Communications		
Session chairs: Babak Khalaj, Mohammad Reza Keshavarzi, Mohsen Rezaee		
Paper id	Title of paper	Authors
1102	Attention-Integrated CNN for Precise Sound Source Localization with Microphone Arrays	Elham Yazdankhah Salman Karimi
1156	Removing Speckle Noise from Synthetic-Aperture Radar Images Using Artificial Intelligence Techniques	Fateme Moein Mohammadreza Taban
1216	Signal Detection Using Compressive Sensing in Massive MIMO Systems with multidimensional Modulation	Mojtaba Amiri Ali Olfat
1159	Learning-Based Optimal Detector for Uplink Multiuser Massive MIMO Systems with One-Bit ADCs	Mohammad Amin Keshmiri Mojtaba Amiri Ali Olfat



Wednesday		Hall: H1	Date: 9 Oct
CT2			Time 10:45-12:15
Optical Networks and Systems			
Session chairs: Mohammad Reza Hedayati, Nosrat Granpayeh, Jawad A. Salehi			
Paper id	Title of paper	Authors	
1086	Machine Learning for Adaptive Modulation in Medical Body Sensor Networks Using Visible Light Communication	Reza Bayat Rizi Amir R. Forouzan Farshad Miramirkhani Mohamad F. Sabahi	
1070	Graph Signal Processing Meets Optical Resource Allocation	Mohammad Hossein Zarei Mohammad Hadi Mohammad Reza Pakravan	
1214	Outdoor Visible Light Positioning using Convolutional Neural Networks	Pouya Hosseiniya Gholamreza Baghersalimi Hossein Goorani	
1158	QoT Estimation of a Commercial DWDM Transmission System Using Artificial Neural Network and Its Feature Importance Analysis	Mojtaba Amani Changiz Ghobadi Javad Nourinia Mehdi Habibi	
1065	Interaction Between Power Allocation and BER Performance for mCAP-NOMA in Visible Light Communication	Amir Oshroudan Seyed Mohammad Sajad Sadough	



Wednesday		Hall: H2	Date: 9 Oct
ST1			Time 10:45-12:15
Digital Economy/ Transformation & Sustainable Development			
Session chairs: Abouzar Arabsorkhi, Morteza Barari , Ali Yazdian Varjani			
Paper id	Title of paper	Authors	
1160	Challenges of Artificial Intelligence Technology and Its Impact on Digital Economy Growth	Farideh Shahidi Nahid BozorgKhou Niloofar Moradhasel	
1005	Utilizing Soft Systems Methodology: Designing a Regulatory Model in Information and Communications Technology	Alireza Malekijahan Ali Rajabzadeh Ghatari Maryam Shoar Azim Fard	
1233	Artificial Neural Network and ARIMA model to estimate ICT sector investment, a comparative approach	Leila Mansourifar Niloofar Moradhasel Matin Sadat Borghei Arman Heidari	
1226	A Bibliometric and Visualization Analysis of Research Trends and Hotspots on Digital Economy Diplomacy	Leila Mansourifar Arezoo Shariki Moghadam	
1099	A Hybrid Local Linear Neuro-Fuzzy Model For Digital Transformation Scenario Analysis	Mehdi Fasanghari	



Wednesday	Hall: H3	Date: 9 Oct
IT1		Time 10:45-12:15
Services and Platforms		
Session chairs: Behzad Moshiri , Zahra Shirmohammadi, Maryam Tayefeh Mahmoudi		
Paper id	Title of paper	Authors
1020	An AI-enabled Approach to Predict Critical Components and Enhance Supply Chain Management	Soroush Elyasi Fattaneh Taghiyareh
1051	A Consulting System for Portfolio Assets Allocation by Selecting the Best Agent in the Short Term Based on Cumulative Returns with Deep Reinforcement Learning	Shahin Sharbaf Movassaghpour Masoud Kargar Ali Bayani Alireza Assadzadeh Ali Khakzadi
1009	Local Graph Convolutional Network for Hyperspectral Target Detection	Maryam Imani
1227	Multi-Level Deep Reinforcement Learning-based Edge Caching Strategies in Vehicular Networks	Taban Soleymani Nasser Yazdani Seyed Pooya Shariatpanahi
1248	Optimizing Urban Traffic Flow in Smart Cities: A Fuzzy Goal Programming Approach	Alireza Yari Pouya Fathollahzadeh