

ICATCES'20 PROGRAMME June 3, 2020	
10:15-10:30	Opening Speech (<i>Saloon 1</i>)
10:30-11:00	Keynote Speech (<i>Saloon 1</i>): Dr. Ivan IZONIN Lviv Polytechnic National University, Ukraine
11:00-12:30	Author Presentation Session 1
13:30-15:15	Author Presentation Session 2
15:15-16:15	Tutorial Session



ORAL PRESENTATIONS		
SESSION 1		
Chair: Caner ÖZCAN		
Saloon 1 - 03.06.2020 - 11:00-12:30		
ID	TITLE	SPEAKER
122	Ship Detection on Highly Complex Satellite Imageries using CNN	Ibrahim Gulatas
123	Generalized Cost Effective Automatic Dictionary Creation Using the Big Data on the Web	Ahmet Toprak
140	Convolutional Autoencoder Model for Reproducing Fingerprint	Safak Kayikci
151	Ship Detection from Göktürk-2 Satellite Images using Convolutional neural network	Sohaib K. M. Abujayyab
136	Recognition of European Grapevine Moths in Pheromone Traps by Convolutional Neural Networks	Emre Gülsoylu
132	An Augmented Reality Based Approach for the Promotion of Our Historical Artifacts	Rumeysa Deniz Ak

ORAL PRESENTATIONS		
SESSION 1		
Chair: Rafet DURGUT		
Saloon 2 - 03.06.2020 - 11:00-12:30		
ID	TITLE	SPEAKER
130	Binary optimization using duelist optimization algorithm for One Max Problem	Emrullah Sonuç
154	Doc2vec Approach for Text Document Clustering	Eray Yelmen
143	Detection of Chronic Kidney Disease Stages by Data Mining Methods	Elif Kabullar
142	Self-Management Technology in Cellular Communication Systems	Rozhgar Dhyab
117	Investigation of Tower Grounding Resistance Effect for Lightning Overvoltage in 154 kV Transmission Line using ATP-EMTP	Mustafa Şeker
126	Prediction of Solar Irradiance and Photovoltaic Generation Using Artificial Neural Network	Mustafa Şeker

ORAL PRESENTATIONS		
SESSION 2		
Chair: Oğuz FINDIK		
Saloon 1 - 03.06.2020 - 13:30-15:15		
ID	TITLE	SPEAKER
148	Vessel Segmentation using Shallow Water Equations	Fatih Nar
118	Internet of Things Based Intelligent Facial Expression Monitoring using EMG Signals	Ilhan Aydin
133	Extreme Gradient Boosting for Multivariate Wind Speed Prediction	Ayşe Tuğba Dosdoğru
131	A Proposed Speaker Recognition Model Using Optimized Feed Forward Neural Network and Hybrid Time-Mel Speech Features	Saeeda Eltanashi
139	Effects of Image Sentiment, Image Content and Image Characteristics on Social Media Post Interaction Rates	Mehmetcan Gayberi
149	Designing a New Data Encryption Algorithm Using Genetic Code Method	Mustafa Zengin
150	Software Reliability Assessment Using Polynomial Regression Approach	Makera AlNalband

ORAL PRESENTATIONS		
SESSION 2		
Chair: Emrullah SONUÇ		
Saloon 2 - 03.06.2020 - 13:30-15:15		
ID	TITLE	SPEAKER
147	Realization of Electronically Tunable Square-Root-Domain Trans-admittance Filter	Ali Kircay
124	MIMO ANN to Daylight Harvested Hybrid Lighting Control for an Office Building	Farhad Abdullayev
135	PLC Fuzzy PID Controller of MPPT of Solar Energy Converter	Abdullah Gizi
129	Improved Features of Intelligent PLC-Fuzzy Generator parameters Controller	Abdullah Gizi
156	Single Sign On (SSO) for Information Management over WEB	Mehmet Karakoç
157	Data Bus for Computer Based Assessment via Micro Services	Mehmet Karakoç
119	Design and Implementation of an Agent Based Automated Auction Environment	Uğur Gülerüz

TUTORIAL PRESENTATION
Saloon 1 - 03.06.2020 - 15:15-16:15
<p style="text-align: center;">Post-Quantum Cryptosystems and Their Formal Analysis Assoc. Prof. Dr. Sedat Akleylek, Dept. of Comp. Eng., Ondokuz Mayıs University, Samsun, Turkey Dr. Besik Dundua, VIAM, Tbilisi State University, Tblisi, Georgia Dr. Mikheil Rukhaia, VIAM, Tbilisi State University, Tblisi, Georgia</p>