

ICATCES 18 PROGRAMME - 11 May 2018		
DAY I	11 May 18	LOCATION
09:30-10:30	Registration	Engineering Faculty
10:30-10:45	Turkish National Anthem Opening	Hami Çepni
10:45-11:00	Speech of Protocol	Hami Çepni
11:00-12:00	Keynote Speech: Prof. Dr. Deray	Conference Hall
12:00-14:00	Lunch	
14:00-15:30	Author Presentation Session 1	Iron And Steel Institute
15:30-15:45	Coffee Break	
15:45-17:00	Author Presentation Session 2	
17:00-17:15	Coffee Break	
17:15-18:30	Author Presentation Session 3	
ICATCES 18 PROGRAMME - 12 May 2018		
DAY II	12 May 18	LOCATION
09:00-10:00	Keynote Speech: Dr. Yuliyia KOZINA	Iron And Steel Institute
10:00-10:15	Author Presentation Session 4	
10:15-11:15	Author Presentation Session 4	
11:15-11:30	Coffee Break	
11:30-12:30	Author Presentation Session 5	
12:30-12:30	Lunch	Engineering
13:30-14:15	Keynote Speech: Prof. Dr. Mehmet	Iron And Steel Institute
14:15-14:30	Coffee Break	
14:30-16:00	Author Presentation Session 6	Iron And Steel Institute
16:00-16:15	Author Presentation Session 7	
16:15-17:30	Author Presentation Session 7	
17:30-17:45	Coffee Break	
17:45-18:30	Author Presentation Session 8	
18:30-21:30	Award Ceremony & Dinner	Çevreköprü
ICATCES 18 PROGRAMME - 13 May 2018		
DAY III	13 May 18	LOCATION
	City Tour	



ORAL PRESENTATIONS		
SESSION 1		
Chair: Ferhat Atayoz		
Saloon 1 - 11.05.2018 - 14:00-15:30		
Theme: Image Processing		
ID	TITLE	SPEAKER
39	Measurement of Customer Satisfaction through Emotion Analysis in the Banking Sector	Bülent Karadağ
45	Video Object Tracking with PMHT	Ahmet Pakfizil
179	Designing Autonomous Landing System for Heavy Wing Unmanned Aerial Vehicles	Çağrı Çikdemir, Hakan Döğen, Uğur Yılmaz, Mehmet Kader
191	Vegetation Extraction from Digital Orthophoto Maps Using Object Based Segmentation and Decision Tree Classifier	Ahmet Ayhan, İzzet Bayraktar
225	A New Algorithm for Shape Estimation with a Low Cost Sensor	Kerem Şenol, Arda Bayraktar, Arda Hoşafiz, Mevlüt Bırbilgin, Ahmet Güneş
234	Fast Quadratic Linear Approximated L1-Norm for SAR Image Denoising	Fatih Nar, Ferhat Atayoz

ORAL PRESENTATIONS		
SESSION 1		
Chair: Mustafa Sermet Kiran		
Saloon 2 - 11.05.2018 - 14:00-15:30		
Theme: Optimization		
ID	TITLE	SPEAKER
83	MOTSA: A multiobjective variant of Tree-Seed Algorithm	Gül Özcan
84	Solving of Constrained Problems via Multi-Objective Vortex Search Algorithm	Ahmet Özkay
100	A Clustering Ranking Based Multiobjective Evolutionary Algorithm	Ertil Dapdemir
101	A Multi-Objective Evolutionary Algorithm Approach to Employee Bus Transportation Problem	Ertil Dapdemir, Murat Caner Tezci, Özgür Müge Tezci and Ceren Tuncer Sakar
131	Performance Analysis of Galactic Swarm Optimization with Tree Seed Algorithm	Öğhan Uymaz
235	The Binary Self-Steering Algorithm with Using Transfer Functions	Öğhan Uymaz

ORAL PRESENTATIONS		
SESSION 1		
Chair: Çhan Karakuş		
Saloon 3 - 11.05.2018 - 14:00-15:30		
Theme: Optimization		
ID	TITLE	SPEAKER
37	Monogamous Crab Mating Optimization Algorithm for Solving Vehicle Routing Problem	Burakhan Çubukçu, Uğur Yüceğ
38	A Kinect 2 Based Tele-rehabilitation Method for Shoulder Rehabilitation Exercises	Burakhan Çubukçu, Uğur Yüceğ, Raif Zihir, Ali Zihir
42	Tournament Selection Based Antlion Optimization Algorithm for Solving Quadratic Assignment Problem	Haydar Kılıç
47	Parallel Machine Scheduling Using Improved Antlion Optimization Algorithm	Haydar Kılıç
52	Robot Path Planning Using Gray Wolf Optimizer	Lokman Dağcı, Uğur Yüceğ
65	Training Multi-Layer Perceptron using Opposition Based Learning Spiral Optimization Algorithm	Uğur Yüceğ, Çhan Karakuş

ORAL PRESENTATIONS		
SESSION 1		
Chair: İbrahim Muhammed Orah		
Saloon 4 - 11.05.2018 - 14:00-15:30		
Theme: Information Technology		
ID	TITLE	SPEAKER
19	A Kinect Based English Teaching Game for Pre-School Children	Merve Varol Arıyaz, Ecr Uğur Küçükusta
78	Watus: A Retro Communication Gadget Based on Internet of Things Technologies	Emre Koçluk
85	Performance Tuning in Database Systems in High Availability Architecture and Relating Query Costs Strategies in Oracle Database Management System	Ahmet Yılmaz, Nejat Yılmaz
97	Research of the Traffic Flow on the Signal-Controlled Intersections Using Queuing Theory	Fatih Güneş
99	Real-Time Monitoring and Control of the SDC Process on a Single Automation in Core Banking Applications	Ahmet Sefa Öztas

ORAL PRESENTATIONS		
SESSION 1		
Chair: Ferhat Atayoz		
Saloon 5 - 11.05.2018 - 14:00-15:30		
Theme: Information Technology		
ID	TITLE	SPEAKER
103	Forensic Analysis of Persistent Data Storages Analyzing NTFS Formatted Drives	Hüseyin Güven Özgür, Serap Şahin
104	EDU-VOTING: An Educational Homomorphic e-Voting System	Hüseyin Güven Özgür
173	Design and Implementation of Greenhouse Automation System with Matlab GUI	Ferhan Katoğlu
174	Gray Image Enhancement with Regional Similarity Transformation Function (RST)	Ferhan Katoğlu, Zafar Çingiz
208	Trends in Cloud Based Learning Management Systems	Hakan Özcan
209	A Usability Analysis of Edmodo Learning Management System: The Case of a University	Hakan Özcan, Bilent Gürel Emiroğlu

ORAL PRESENTATIONS		
SESSION 2		
Chair: Zafar Atayoz		
Saloon 1 - 11.05.2018 - 15:45-17:00		
Theme: Network		
ID	TITLE	SPEAKER
53	MultiMedia Application and IPv6 Addressing in Soft Switches	Abdulrahman Abdullmanem Abdullmanem, Adam Abd Urrekeek
76	Traffic Combined Approach for Demodulate and Forward Based Multiple Access Relay Channels	Özgür Özdemir
82	Mobile Communication Parameters and Future	Muhammed Çalkılıç, Zuber Albayrak
330	Effects of Sandstorms on Vehicular-to-Road Visible Light Communication	Abdullah Al Omari, Aydin Akdemir

ORAL PRESENTATIONS		
SESSION 2		
Chair: Ümit Billa		
Saloon 2 - 11.05.2018 - 15:45-17:00		
Theme: Optimization		
ID	TITLE	SPEAKER
8	Solving University Course Timetabling Problem Using Ant Colony Optimization: An Example of Merim University Engineering Faculty	Senir Aslan
212	Determine the Effect of Genetic Algorithm Performance Parameters in Single-Machine Scheduling Problem	Songül Büşra Ortulu
212	Artificial Acolony Algorithm in Image Processing Applications	Emine Çiftci
262	Improved Vortex Search Algorithm for Single Objective Optimization Problems	Gökhan Uyar

ORAL PRESENTATIONS		
SESSION 2		
Chair: Kemal Akyol		
Saloon 3 - 11.05.2018 - 15:45-17:00		
Theme: Deep Learning		
ID	TITLE	SPEAKER
110	Car Model Classification with Different Kind of Deep Learning Convolutional Neural Network Models	Kübra Uyar, Erkan Erker
44	Increasing the Performance of SAR Image Denoising Using Convolutional Neural Networks	Yusuf Sevil Günaydin, Bahar Şen
123	Evaluation of Object Tracking Performance of ADNet Method with Different Outputs and Color Spaces	Hüseyin Özgen, Kazım Hanbay
128	A Study on Prediction Success of Machine Learning Algorithms for Water Treatment	Kemal Akyol, Abdulkadir Karac, Yasemin Güllüpe
130	Turkish Sign Language Alphabet Recognition with Leap Motion	Abdulkadir Karacı

ORAL PRESENTATIONS		
SESSION 2		
Chair: İbrahim Muhammed Orah		
Saloon 4 - 11.05.2018 - 15:45-17:00		
Theme: Artificial Neural Networks		
ID	TITLE	SPEAKER
134	A Review on Web Crawlers and Ontology Based Crawlers	Yasemin Güllüpe, Ali Burak Öncü, Emel Altınaz, Fatih Uğur
67	Performance Comparison of Machine Learning Methods for Spelling Handwriting Character Recognition Problem	Sahin Gray Yavaş, Ahmet Emin Bakır, Bahar Şen
68	Artificial Neural Networks Approach to Greenhouse Heating Requirement Estimation	Özgür Alpaz, Ebucağrı Erdem, Erhan Yılmaz
105	Speech and Eye-Gaze Based PC Control System for Disabled People	Fatih Furkan Işıl, Ferhat Özazak, Sinan Karakoc, Osman Sarıyer

ORAL PRESENTATIONS		
SESSION 2		
Chair: Çhan Karakuş		
Saloon 5 - 11.05.2018 - 15:45-17:00		
Theme: Machine Learning		
ID	TITLE	SPEAKER
57	A Simple Heuristic Approach to Improve Performance of Extreme Learning Machine	Çhan Karakuş, Uğur Yüceğ
116	It and Self Tuning of Controller Design and Comparison for Speed Control of DC Motor	MUSTAFA ENGÜL, Recep Kalkan
222	Cardiography Data Set Classification with Extreme Learning Machine	Ede Çağrı Kızılay
314	Movie Rating Prediction with Machine Learning Algorithms on IMDb Data Set	Didem Abidin, Cansel İnanç, Hakan Şen

ORAL PRESENTATIONS		
SESSION 3		
Chair: Ferhat Atayoz		
Saloon 1 - 11.05.2018 - 17:15-18:30		
Theme: Scientific Computing		
ID	TITLE	SPEAKER
15	Algorithm of Finding Extreme Points of Curves	Rita Naurytyte
164	Choosing Optimal Truncation Level on Estimation of the Nonparametric Regression with Fuzzy Approximation	Ertil Yılmaz, Durmuş Aydın, Ertil Yılmaz
345	Elongation of Falsally Thermal Installed on the Lateral Surface of the Roll under the Influence of Temperature, Heat Flow, Heat Transfer and Tensile Force	Kanat Nurayev
153	Impedance Control of 2dof Serial Robot Manipulator	Ali Alshawa

ORAL PRESENTATIONS		
SESSION 3		
Chair: Hakan Kuluca		
Saloon 2 - 11.05.2018 - 17:15-18:30		
Theme: Bioinformatics and Scientific Computing		
ID	TITLE	SPEAKER
28	A Review on Measurement Methods of Non-Invasive Blood Glucose Level	Erhan Mengiç
93	A Survey on Predicting Survivability of Retinoblastoma on SEER Data	Gülistan Özdemir, Gülşah Şen, İlyas Çankaya
176	Design Of A New Robot Manipulator For MADDI Sprayer	Berg Deniz Güneş
177	Investigation of Human Femoral Head by Wide Angle X-Ray Scattering (WAXS) Measurements	Tuba Cayır, Damla Karadaş, Kaya Memişoğlu, Servis İle, Özgür Gündoğdu
277	Design of A Triple Band Absorber Metamaterial for C-Band Radars with Golden Ratio Approaches	Zeynep Kocaman

ORAL PRESENTATIONS		
SESSION 3		
Chair: Ferhat Atayoz		
Saloon 3 - 11.05.2018 - 17:15-18:30		
Theme: Modeling and Simulation		
ID	TITLE	SPEAKER
51	Antenna Selection Techniques for Digital Relaying Based Cooperative MIMO Channels	Özgür Özdemir
90	Comparative Analysis of the Connection Schemes of Distributed Energy Resources to Distribution Network	Nuri Altınbaş, Ali Altınbaş, Nuri Altınbaş
306	3D Visualization of CT Images using Marching Cubes Algorithms	Ahmet Hacım Yurttaş, Hüseyin Erbay, Tijen Kocaoğlu, Şeyhan Kılıçoğlu, Gökay Çınar
4	Design and Static Stress Analysis of Lifting Hook	Yusuf Aytaç Onur

ORAL PRESENTATIONS		
SESSION 3		
Chair: Emullah Song		
Saloon 4 - 11.05.2018 - 17:15-18:30		
Theme: Information Security & Risk Management		
ID	TITLE	SPEAKER
117	A Voice Encryption Application Based on a Chaotic System with Single Parameter	Burak Arcoçlu
118	A Pseudo Random Number Generator Design Based on a Four Dimension Chaotic System	Burak Arcoçlu, Fatih Yalçın, Burak Arcoçlu, Ali Akil
196	A Vulnerable Website Penetration Test: Demo and its Automation	Şahar Murzaeva, Sibel Akleymir
208	ICA Stream Cipher Based Digital Color Image Encryption Using Chaotic Systems	Sefa Turker

ORAL PRESENTATIONS		
SESSION 3		
Chair: Yasemin Güllüpe		
Saloon 5 - 11.05.2018 - 17:15-18:30		
Theme: Data Mining		
ID	TITLE	SPEAKER
26	Utilizing RFM Analysis and Apriori Methods on Turkey State Supply Office Data For Reducing Lost Customers	Hazan Ali Toksoz, İsmail Baraklıoğlu
118	Blockchain: A Decentralized Approach to Big Data	Senem Kaplan, Serap Şahin
263	Application of PageRank Algorithm in Linked Data	Yasemin Güllüpe, Kemal Akyol, Abdulkadir Karacı
315	An Analysis of Rumor Spreading Fundamentals with a Case Study on Facebook	Burcu Sayın, Serap Şahin

