



- DRAFT CONFERENCE PROGRAMME -

REGISTRATION (Reception Area)
<i>September 7, 2022 Wednesday, 10.00-11.00 (GMT+3)</i>

OPENING CEREMONY
<i>September 7, 2022 Wednesday, 11.00-12.00 (GMT+3)</i>
<u>Click here to join session...</u>
Moderator: Hasibe Candan
Prof. Dr. Murat Gök, Conference Chairman
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KEYNOTE SPEECH - I
<i>September 7, 2022 Wednesday, 12.00-12.30 (GMT+3)</i>
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LUNCH TIME (Lunch will be given by Organization Committee in Fethiye Harbour)
<i>September 7, 2022 Wednesday, 12.30-13.30 (GMT+3)</i>

SOCIAL TRIP (Boat Tour - Thursday or Friday)
<u>September 8/9, 2022, ALL DAY</u>

FACE TO FACE PRESENTATIONS

Session: 1.1 - A		
<i>September 7, 2022 Wednesday, 14.00-15.00 (GMT+3)</i>		
Likya Hall		
Moderator: Engin Eşme		
92	NFT'ler Hakkında Atılan Tweetlerin Duygu Analizi	Ipek Deveci Kocakoç, Buğçe Kirpi
56	Analysis of the Combined Impact of Srs, Fwm and Ase Noise in Multi-Span UDVDM/DWDM Long-Haul Communication Systems using NZDSFs	Kübra Kiliçarslan, Sait Eser Karlık
8	Öznitelik Türetimi ile İnsan Hareketi Tanımlamada Doğruluk Artırımı	Ahmet Zencirli, Dilek Tükel
87	Positive Effects of Discretization on Gas Data	Engin Eşme

Session: 1.1 - B		
<i>September 7, 2022 Wednesday, 14.00-15.00 (GMT+3)</i>		
Letoon Hall		
Moderator: Gözde Mert		
128	Super Learner Method Using for Stock Exchange Forecasting	Azize Zehra Çelenli Başaran, Ali Zafer Dalar, Özge Gündoğdu
129	Aralık Tip-2 Bulanık AHP Yöntemi ile Sürdürülebilir İş Yönetiminde İş Zekâsı Analitiği-Uygulanabilirlik Değerlendirmesi	Mükerrem Bahar Başkır, Gözde Mert
13	ARIMA, LSTM ve Prophet modellerini kullanarak satış siparişlerinin zaman serilerinde tahmini: deneysel bir çalışma	Ahmet Zencirli, Nedim Tuğ, Ahmet Yasir Şahin
109	Examining the Relationships Between Lead Member Interaction Level and Conflict Management Behaviors in the Context of the Health Sector	Eda İşci Akbiyik, Gözde Mert

Break TIME

Session: 1.2 - A		
<i>September 7, 2022 Wednesday, 15.10-16.10 (GMT+3)</i>		
Likya Hall		
Moderator: H.Erdinç Koçer		
159	An Innovative Automotive Interior Lighting Challenges	Orhan Uras Kurtulus
77	Wave climate along the Algerian coast: characterisation, variability and long-term trends	Lamri Nacef Nour El Islam Bachari Bilel Bensari
89	Basic Competencies Expected By The Sector From The Management Information Systems Specialist Candidates According To The Program Outputs Of The Department Of Management Information Systems In Turkey: Text Mining Study	Cemal Yüksel, Abdulkadir Özdemir
80	Mine Detection Through Ground Penetrating Radar Data Utilizing Artificial Neural Networks	H.Erdinç Koçer, Hayri Kılıç

Session: 1.2 – B		
<i>September 7, 2022 Wednesday, 15.10-16.10 (GMT+3)</i>		
Letoon Hall		
Moderator: Fahri Yiğit		
119	Kolon Kanseri Histopatoloji Görüntülerinin Sınıflandırılması için Çıkarılan Derin Özelliklerin Optimizasyonu	Ömer Faruk Güzel, Refika Sultan Doğan, Mehmet Sencer Altıntop, Kasım Taşdemir
83	Sınıflandırma Probleminin Çözümünde Makine Öğrenmesi Algoritmalarının Karşılaştırılması	Meryem Pulat, İpek Deveci Kocakoç
6	Yazılım Güvenlik Açıklarının Derin Sinir Ağları Yöntemleri ile Tespiti: Literatür İncelemesi (ICONSEC)	Gözde Mihran Altınsoy, İrfan Kösesoy
102	GA-based Robust Learning Algorithm for Cascade Forward Neural Network for Time Series Prediction	Ayşe Yılmaz Ufuk Yolcu

Break TIME

Session: 1.3 - A		
<i>September 7, 2022 Wednesday, 16.20-17.20 (GMT+3)</i>		
Likya Hall		
Moderator: Hasibe Candan		
158	Across Safely' – Perception based Communication for V2P	Orhan Uras Kurtulus
7	Multi Purpose Security Analysis of Software Projects Against Cyber Threats and Development of Security Scoring Algorithms (ICONSEC)	Abdulkadir Şeker, Halil Arslan, Emre Delibaş, Hakan Kekül
30	Birliktelik Kuralları ile Zararlı URL Tespiti	Fatma Nur Küçük, Buket Doğan
145	NSL-KDD Veri Seti Üzerinde Ön İşleme ve Makine Öğrenmesi Algoritmaları Kullanarak Anomali Tespiti	Hasibe Candan Volkan Altuntaş

Session: 1.3 – B		
<i>September 7, 2022 Wednesday, 16.20-17.20 (GMT+3)</i>		
Letoon Hall		
Moderator: Murat Gök		
118	Robust Hierarchical Time Series Forecasting	İbrahim Cimşit, Ali Zafer Dalar, Ufuk Yolcu
148	A Solution Approach based on Simulated Annealing Meta-Heuristic for the Quadratic Multiple Knapsack Problem	Ezgi Aktaş Potur, Fulya Altıparmak Baykoç and Mehmet Kabak
42	Comparison of meta-heuristic algorithms on the size and layout optimization of truss structures	Muhammed Serdar Avcı, Emre Ercan
43	Damage Classification of a Building Model by Convolutional Neural Networks	Muhammed Serdar Avcı Emre Ercan

Break TIME

Session: 1.4 – A		
<i>September 7, 2022 Wednesday, 17.30-18.30 (GMT+3)</i>		
Letoon Hall		
Moderator: Bachari Nour El Islam		
35	An Explainable Approach to Sales Prediction: Pestel Analysis, RFM, Gradient Boosting	Esra Akca Semra Erpolat Taşabat Tayfun Özçay Yasin Dinç
121	Binary and Multiclass Classification of Histopathological Images Using Deep and Machine Learning-Based Techniques	Refika Sultan Doğan Bülent Yılmaz
101	Classification of Some Biochemical Properties with J48 Classification Tree Algorithms in Hyperspectral Data	Sinan Demir Levent Başayığit
74	Correlative study of climatic indices and rainfall for drought forecasts	Bachari Nour El Islam Nacef Lamri Houma Fouzia

End of the day

SOCIAL TRIP

(Boat Tour - Thursday or Friday)

September 8/9, 2022, ALL DAY

ONLINE PRESENTATIONS

Session: 2.1		
<i>September 10, 2022 Saturday, 10.00-11.00 (GMT+3)</i>		
Click here to join session...		
Moderator: Faruk Bulut		
73	Web ve Mobil Uygulamalar ile Hasta Takibi: Hemodiyaliz Hastalarının Takibi	Nurettin Altay Boza
95	Yapay Zekâ Destekli Aşı Bilinçlendirme Sanal Asistanı	Güncel Sarıman, Tayfun Katılmış, Fahri Sözer
41	Veri Madenciliği Yöntemleriyle Covid-19 Yatan Hasta Verilerinin İncelenmesi	Seda Uçar, Nilüfer Yurtay
47	Development of a Clinical Decision Support Software that Enables Definitive Diagnosis in Urology Diseases	Yasemin Hande Sıtkı, Yusuf Şevki Günaydın, Serkan Sert
79	Artificial Intelligence based Smart and Sustainable Home health care Service for the elderly	Faruk Bulut
<i>Technical Support:</i>		

Session: 2.2		
<i>September 10, 2022 Saturday, 11.10-12.10 (GMT+3)</i>		
Click here to join session...		
Moderator: Kemal Fidanboylu		
12	QR Code Recognition in Drone Captured Image	Şafak Altay Açar
157	Evaluating Bare Soil Properties and Vegetation Indices for Digital Farming Applications from UAV-based Multispectral Images	Sinan Demir, Levent Başayığit
53	A Person Verification System Using EEG Signals	Semih Ergin, Idil Isikli Esener, Onur Kilinc Burak Urazel, Betül Nurefşan Yaman, Demet İlhan Algın
25	Adding Close Caption to Videos Using Cloud Services	Anıl Taşhan, Gökşen Altuntaş Şen, Ersel Er, İrem Deveci, Emre Arslanoğlu, Hakkı Gökhan İlk
96	An Overview of Fog Removal Algorithms	Bahadır Arabalı Kemal Fidanboylu
<i>Technical Support:</i>		

Session: 2.3		
<i>September 10, 2022 Saturday, 12.20-13.20 (GMT+3)</i>		
Click here to join session...		
Moderator: Erhan Ustaoglu		
19	Veri Modelleme Teknikleri ile Kurumsal Veri Envanteri	Cüneyt Kaya, Sedat Özdemir, Osman Yıldız
37	Havalimanı Yolcu Sayısı Mevsimsellik Analizi ve Tahminlemesi	Didem Arı, Pınar Mızrak Özfiat
72	Covariance Matrix Estimation Methods for Minimum Risk Portfolios	Ayşe Nur Küçükseren, Kemal Dinçer Dinceç
63	Destek Vektör Makineleri için Çekirdek Seçimi ve Parametre Optimizasyonu	Burcu Durmuş, Öznur İşçi Güneri, Aynur İncekırık
39	Predicting BIST 30 with Long Short-Term Memory	Erhan Ustaoglu
<i>Technical Support:</i>		

Session: 2.4		
<i>September 10, 2022 Saturday, 13.30-14.30 (GMT+3)</i>		
Click here to join session...		
Moderator: Turgay Tugay Bilgin		
15	A Semantic Orientation Study: Detection of Emotional Stimuli using Twitter Messages	Ahmet Yücel
117	Converting Call Center Recordings into Valuable Insights Using Sentiment Analysis	Muhammet Ali Kadioğlu
84	Author Identification from Balanced Textual Data	Bekir Parlak
140	AbsaTranslator: Aspect Based Sentiment Analysis For Franchise Restaurants Chain	Engin Durmaz, Okan Çandır Nevzat Özcandan Mehmet Fatih Akay
69	Artificial Intelligence Supported Chatbot Development for Information Technology Help Desk Services	Mehmetcan Dalmazgil, Oğuzhan Yüce, Ersin Yıldız, Turgay Tugay Bilgin
<i>Technical Support:</i>		

Session: 2.5		
<i>September 10, 2022 Saturday, 14.40-15.40 (GMT+3)</i>		
Click here to join session...		
Moderator: Gülsüm Çiğdem Çavdaroğlu		
18	Improving Sales Activity Plans with Demand Sensing	Dilruba Topcuoglu, Berat Utkan Menten, Nur Askin, Ayse Damla Sengul, Zeynep Kezban Turgut, Talip Akdemir, Tunahan Aktas, Dogukan Goksu, Okan Orsan Ozener
54	Fusion-Based Hybrid Fog Removal	Bahadır Arabalı, Kemal Fidanboylu
90	Cross Country Analysis of The Mathematical Achievement Scores with Times Data	Burcu Koca Fulya Gokalp Yavuz
99	Süreç Madenciliği Avantajları ve Kullanım Senaryoları	Miray Budeyri Cagirgan, Irem Doga Agdas, Erkan Sarikaya
19	Spatio-Temporal Analysis of Istanbul Air Pollution During the Pandemic using Google Earth Engine and Google Community Mobility Reports	Gülsüm Çiğdem Çavdaroğlu Ahmet Okan Arık
<i>Technical Support:</i>		

Session: 2.6		
<i>September 10, 2022 Saturday, 15.50-16.50 (GMT+3)</i>		
Click here to join session...		
Moderator: Nevin Güler Dincer		
11	Earthquake Susceptibility Analysis of Termal District (Yalova) with GIS and Fuzzy AHP Method	Deniz Arca Hülya Keskin Çitiroğlu
26	DIN 1.2767 Çeliğinin Elektro Erozyon Tekniği ile İşlenmesinde Yüzey Çatlak Yoğunluğunun Deneysel Olarak İncelenmesi	Abubaker Yousef Fatatit Ali Kalyon
48	Sarıyer ve Şişli İlçeleri Sınırındaki Büyükdere Caddesinde Meydana Gelen Ölümlü ve Yaralanmalı Trafik Kazalarının Coğrafi Bilgi Sistemleri Yardımıyla Birliktelik Kurallarıyla Karşılaştırılması	Mert Ersen Ali Hakan Büyüklü Semra Erpolat Taşabat
111	Raylı Sistemlerde Sinyalizasyon ve Fonksiyonel Güvenlik Simülasyonu ve Tasarımı	Ahmet Mert Akdağlı Seçkin Uluskan
68	Kuru Üzüm Çeşidinin Belirlenmesi İçin Kural Tabanlı Sınıflandırma Algoritmalarının Karşılaştırılması	Burcu Durmuş Öznur İşçi Güneri Nevin Güler Dincer
<i>Technical Support:</i>		

End of the day

Session: 3.1		
<i>September 11, 2022 Sunday, 10.00-11.00 (GMT+3)</i>		
Click here to join session...		
Moderator: Yalçın Özkan		
24	Otonom Bir Sualtı Aracı Tasarımı ve Derin Öğrenme Uygulaması	Mevlüt Karaçor Cihan Şahin
31	A Deep Learning-based Approach to Detect Diseases from Human Retina's Optical Coherence Tomography Images	Batuhan Metin Bahadır Karasulu
91	Using Different Neural Networks Learning Algorithms Next Rate Prediction of Gold/Dollar Parity	Güneş Harman Mahmut Yağbasa
151	Compensation Estimation with Artificial Neural Networks Based on Critical Diseases in Health Insurance	Sergül Ürgenç Ümit Sile Berk Öztekin Mehmet Fatih Akay
60	Topluluk Derin Öğrenmesine Dayalı Bir Siber Saldırı Tespit Sistemi	Yalçın Özkan
<i>Technical Support: E.Sadıkoğlu +905366917749</i>		

Session: 3.2		
<i>September 11, 2022 Sunday, 11.10-12.10 (GMT+3)</i>		
Click here to join session...		
Moderator: Volkan Altuntaş		
2	Prediction of Covid-19 Disease Using Transcriptomic Biomarkers Data in Silico	Hatice Yıldız Murat Gök
108	Left Truncated Right Censored Hiv Survival Data Analysis With Non Parametric Methods	Tuba Şanlı Yüksel Terzi
142	Use of Hemp (Cannabis Sativa L.) Flour in the Production of Gluten-Free Cookies	Ali Cingöz
17	Stream Matching Teknikleri Kullanılarak DNA Sekanslarının Tanımlanması - Identification of DNA Sequences Using Stream Matching Techniques	Zeynep Barut Volkan Altuntaş
<i>Technical Support:</i>		

Session: 3.3		
<i>September 11, 2022 Sunday, 11.10-12.10 (GMT+3)</i>		
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Moderator: Mehmet Fatih Akay		
49	Covid-19 Pandemi Sürecinde Üniversite Öğrencileri ve Akademisyenlerin Uzaktan Eğitime Yönelik Bakış Açıları Üzerine Bir Araştırma	Semra Erpolat Taşabat Ebru Oğuz Gülay Ilona Telsiz Kayaoğlu Mert Ersen
59	A Propensity Score Matching of the Bullying Effects on Academic Success	Sena Yıldız Serpil Kılıç Depren
134	Colendi Ekosisteminde Mikrokredi Skorlama ve Müşteri Segmentasyonu Uygulaması	Dudu Banu Yozgatlı Bekir Çetintav Murat Cansoy
7	A Survey: Tree-Structured Topic Modeling Methods in After Sales Customer Problems Domain	Sabri Bağcı Mehmet Emin Eker Alper Ulusoy Halime Suvay Eker
88	Development of Lifetime Prediction Models for E-commerce Sellers by using Machine Learning	Mehmet Emin Öztürk, Serhat Say, Hakkı Serdar Yıldız, Sevtap Erdem, Mehmet Fatih Akay
<i>Technical Support:</i>		

Session: 3.4		
<i>September 11, 2022 Sunday, 12.20-13.20 (GMT+3)</i>		
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Moderator: Maad Mijwil		
97	Word Sense Disambiguation in the Domain of Sentiment Analysis through Deep Learning	Vedanth Baiju, Sebnem Er, Emmanuel Dufourq
23	Building Deep Convolutional Generative Adversarial Network Models by using Python for Image Translation	Sreekanth Rallapalli, Viswanath Sankaranarayanan
67	Dependency Structure-Based Cognitive Data Analysis	Serenay Çakar Fulya Gökalp Yavuz
153	Use of Visualization and Quantitative Image Analysis Methods for Tissue Characterization in Animal Models of Metabolic Diseases	Elena Kostromina
6	The Utilisation of Machine Learning Techniques in Diagnosis Breast Cancer	Alaa Faieq, Maad Mijwil
<i>Technical Support:</i>		

Session: 3.5		
<i>September 11, 2022 Sunday, 13.30-14.30 (GMT+3)</i>		
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Moderator: Kemal Dinçer Dineç		
55	Development of a Bayesian based Approach to Extract Attribute Weights for Decision Making Problems	Sedef Çali, Adil Baykasoğlu
28	Initial Test Results of an Automatic Member Grouping Method for Structural Optimization	Ceren Pazi, Hakan Özbaşaran, Yusuf Cengiz Toklu
130	A Robust Multivariate Autoregressive Model Estimating BIST 30 Stock Price Volatility	A. Burak Paç, Kübra Akcan
65	Cryptocurrencies and Non-linear Autoregressive Distributed Lag (NARDL) Model Under Non-normal Distributions	Abdulsamet Aca, Kemal Dinçer Dineç
<i>Technical Support</i>		

Session: 3.6		
<i>September 11, 2022 Saturday, 14.40-15.40 (GMT+3)</i>		
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Moderator: Bekir Parlak		
70	An Analysis of the Spatial Attributes on Community Mobility Changes During COVID-19 Pandemic using Spatial Regression	Ahmet Okan Arık Gülsüm Çiğdem Çavdaroğlu
81	Kriz Dönemlerinde Yapay Sinir Ağı Yöntemleri ile Kripto Para Endeks Tahmini ve Karşılaştırması: Bitcoin ve Ethereum Örneği	Fusun Şentürk
36	Sektör Talep Davranışlarının Makroekonomik Göstergeler ve Lasso Regresyon Yöntemi Kullanılarak Modellenmesi	Erdoğan Pınar, Buket Doğan
85	On Feature Selection Methods for Unbalanced Text Datasets	Bekir Parlak
<i>Technical Support:</i>		

Session: 3.7		
<i>September 11, 2022 Saturday, 15.50-16.50 (GMT+3)</i>		
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Moderator: Emre Dandil		
27	Structural Analysis of Solids using Finite Element Method with Optimization	Umut Cemre Can Hakan Özbaşaran Yusuf Cengiz Toklu
131	A Deep Reinforcement Learning Model Minimizing Travel Time and Length of Stay in Emergency Department	A. Burak Paç
<i>Technical Support:</i>		

~ END OF THE CONFERENCE ~
Thank You for Your Attention

DRAFT