

Önemli, Dikkatle Okuyunuz Lütfen!

- ❖ Kongremizde bilim kurulunun değerlendirmesinden geçen bildirimler için tercihe bağlı olarak yüz yüze ve çevrimiçi (video konferans sistemi üzerinden) sunum imkânı sağlanmıştır.
- ❖ **Kongre programı İstanbul-Türkiye saatine göre düzenlenmiştir. Lütfen saat farkına dikkat edin!**
- ❖ Çevrimiçi sunum yapabilmek için <http://zoom.us/join> sitesi üzerinden giriş yaparak “Meeting IDorPersonel Link Name” yerine ID (810 6292 6697) numarası ve şifre (uyik2026) yazarak oturuma katılabilirsiniz ya da aşağıdaki bağlantıdan doğrudan oturumlara katılabilirsiniz.
- ❖ <https://us06web.zoom.us/j/81062926697?pwd=m0W6wy7SWvPie4xpfw7EC1HVLI5WPm.1>
- ❖ Bağlantı yapıldıktan sonra ana oturumdan ara oturumlara (Salon 1, Salon 2, Salon 3, Salon 4, Salon 5, Salon 6) geçiş yapılmalıdır.
- ❖ Zoom uygulaması ücretsizdir ve hesap oluşturmaya gerek yoktur.
- ❖ Zoom uygulaması kaydolmadan kullanılabilir.
- ❖ Uygulama tablet, telefon ve PC’lerde çalışmaktadır.
- ❖ Her oturumdaki sunucular, sunum saatinden 5 dk öncesinde oturuma bağlanmış olmaları gerekmektedir.
- ❖ Tüm kongre katılımcıları canlı bağlanarak oturumu dinleyebilir.
- ❖ Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

Dikkat Edilmesi Gerekenler – Teknik Bilgiler

- ❖ Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
- ❖ Zoom’da ekran paylaşma özelliğini kullanabilmelisiniz.
- ❖ Ekran paylaşmadan önce sunumun arka planda açık olması gerekmektedir.
- ❖ Katılım belgeleri kongre sonunda pdf olarak gönderilecektir.
- ❖ Sunumlar 10 dk ile sınırlı olacaktır

Important, Please Read Carefully

- ❖ In our congress, optional face-to-face and online (via video conferencing system) presentation opportunities were provided for the papers evaluated by the scientific committee.
- ❖ **The congress program is arranged according to İstanbul- Türkiye time. Please pay attention to the time difference!**
- ❖ To make an online presentation, you can join the session by logging in via <http://zoom.us/join> and entering your ID (810 6292 6697) number and password (uyik2026) instead of “Meeting IDorPersonel Link Name”, or you can join the sessions directly from the link below.
- ❖ <https://us06web.zoom.us/j/81062926697?pwd=m0W6wy7SWvPie4xpfw7EC1HVLI5WPm.1>
- ❖ After connecting to the system, you should move from the main session to the break sessions (Hall 1, Hall,2 Hall 3, Hall 4, Hall 5, Hall 6).
- ❖ The Zoom application is free and no need to create an account.
- ❖ The Zoom application can be used without registration.
- ❖ The application Works on tablets, phones and PC’s.
- ❖ The participant must be connected to the session 5 minutes before the presentation time.
- ❖ All congress participants can connect live and listen to all sessions.
- ❖ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

Points to Take into Consideration – Technical Information

- ❖ Make sure your computer has a microphone and is working.
- ❖ You should be able to use screen sharing feature in Zoom.
- ❖ Before sharing the screen, the presentation must be open in the background.
- ❖ Attendance certificates will be sent to you as pdf at the end of the congress.
- ❖ Presentations will be limited to 10 minutes.

ONLINE SUNUMLAR / ONLINE PRESENTATION

12 Mayıs 2026 Salı / May 12, 2026 Tuesday

1. OTURUM – SESSION 1

SALON 1 / HALL 1

Oturum Başkanı / Moderator: Bünyamin Sarıbacak

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|--|
| 10.00-10.10 | Bige Küçükefe | 1309 | AI Agents and the Transformation of Economic Systems |
| 10.10-10.20 | <u>Bünyamin Sarıbacak</u> , Mehmet Soylu, Muhammed Kara | 1348 | Comparative Analysis of Traditional Methods and AI-Powered Statistical Approaches in Educational Measurement and Evaluation |
| 10.20-10.30 | Emrah Er, <u>Mücahit Zor</u> | 1426 | Verifiable AI-Assisted Retrieval of Central Bank Time Series: An MCP Server for CBRT EVDS |
| 10.30-10.40 | <u>Hüseyin Demir</u> , Ayşe Ölmez | 1374 | Artificial Intelligence Applications in Water Systems and Current Research Gaps |
| 10.40-10.50 | Erol İşlen, Emre Çam | 1476 | Design and Development of an LLM-Based AI Agent for Bibliometric Analysis of Graduate Theses: The Case of CEIT Field (2015–2025) |
| 10.50- | Tartışma/ Discussion | | |

SALON 2 / HALL 2

Oturum Başkanı / Moderator: Didem Doğar

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|--|
| 10.00-10.10 | <u>Selin Gürpınar</u> , Kadriye Nurdanay Öztürk, Öyküm Esra Yiğit | 1344 | Generational Patterns of Loneliness in Post-Pandemic Europe: A Cross-National Comparison |
| 10.10-10.20 | <u>Hidayet Akbulut</u> , Hayriye Esra Akyüz | 1359 | Predicting Female Labor Force Participation in Türkiye: A Comparative Study of Regularized Regression and Resampling Methods |
| 10.20-10.30 | <u>Mehmet Mustafa Erdoğan</u> , Özge Kuran | 1471 | A Comparative Analysis of Hierarchical, Non-Hierarchical, and Fuzzy Clustering Methods in Banking Financial Structures |
| 10.30-10.40 | <u>Öznur Yılmaz</u> , Didem Doğar, Adnan Çiçek | 1662 | Analysis of Factors Affecting Pistachio Production in Turkey Using the ARDL Boundary Test Approach |
| 10.40-10.50 | Filiz Savaş | 1688 | The Role of Multivariate Statistical Methods in Business Applications in Terms of Reliability and Verifiability in Artificial Intelligence |
| 10.50- | Tartışma/ Discussion | | |

SALON 3 / HALL 3

Oturum Başkanı / Moderator: Neslihan Aksekili

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|--|
| 10.00-10.10 | <u>Bayram Köse</u> , Akif Emre Işık, Uğur Güler | 1424 | A Novel Nature-Inspired Metaheuristic Approach: Ship Optimization Algorithm (SOA) |
| 10.10-10.20 | Neslihan Aksekili | 1421 | AI Data Reliability and Entrepreneurial Risk Assessment: A Comparative Analysis with Official Statistics in Türkiye's Service Sector |
| 10.20-10.30 | Zibeyda Shakaraliyeva | 1428 | Explainable Machine Learning for Inflation Forecasting in Azerbaijan: Comparing ARIMA, Random Forest and XGBoost Models |
| 10.30-10.40 | Zibeyda Shakaraliyeva | 1429 | Reliability and Verifiability of AI-Based Economic Forecasts: A Comparative ARIMA-XGBoost Analysis of Azerbaijan's Non-Oil Export Dynamics |
| 10.40-10.50 | <u>Ayşegül Turan</u> , Ragıp Terzi | 1454 | Supported Diagnostic Confidence Scale: A Validity and Reliability Study |
| 10.50- | Tartışma/ Discussion | | |

SALON 4 / HALL 4

Oturum Başkanı / Moderator: Kaan Kaplan

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 10.00-10.10 | Tuna Çakar, <u>Engin Tanrıku</u> , Mustafa Ünlü, Emir Esmerdağ, Serdar Kiraz, Mehmet Ali Erdin | 1632 | Short Cycling and Operational Inefficiency Analysis in Central Heating Boiler Systems |

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|-------------|--|------|--|
| 10.10-10.20 | Hanife Tuba Akçam | 1490 | The Use and Future of Artificial Intelligence in Ophthalmology Practice |
| 10.20-10.30 | <u>Ayyüce Nur Parlak</u> , Kamil Demirberk Ünlü | 1576 | Hourly Particulate Matter Forecasting in Ankara Using Univariate Deep Learning |
| 10.30-10.40 | <u>Şafak Yasun</u> , Hale Sert | 1583 | An Integrated CLAHE and Hybrid Convolutional Layer Pipeline Based on DenseNet201 Model for Tuberculosis Classification from Chest X-Ray Images |
| 10.40-10.50 | Tuna Çakar, <u>Engin Tanrıkulu</u> , Mustafa Ünlü, Mehmet Ali Erdin, Emir Esmerdağ, Serdar Kiraz | 1581 | Multi-Criteria Real-Time Matching of Passenger Requests through Driver Intent and Route-Corridor-Based Filtering |

10.50- **Tartışma/ Discussion**

SALON 5 / HALL 5

Oturum Başkanı / Moderator: Tuna Çakar

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 10.00-10.10 | <u>Tuna Çakar</u> , Engin Tanrıkulu, Mustafa Ünlü, Emir Esmerdağ, Mehmet Ali Erdin, Serdar Kiraz | 1582 | Reducing End-of-Trip Payment Friction in Urban Taxi Mobility Applications through a Pre-Authorization and Asynchronous Payment Architecture |
| 10.10-10.20 | <u>Tuna Çakar</u> , Osman Topcu, Mert Güvençli, Erkan Doğan | 1630 | Rule Compliance and Reverse Engineering of Control Logic in Smart Boiler Automation |
| 10.20-10.30 | <u>Şafak Yasun</u> , Ferdi Güler | 1602 | A Representation-Based Sum-Product Neural Network for Higgs Boson Event Classification |
| 10.30-10.40 | Saeed Ur Rehman, <u>Mehwish Huma</u> | 1615 | An Explainable Decision-Support Framework for Early ADHD Risk Screening in Children |
| 10.40-10.50 | Ferdi Güler | 1640 | Robot Controller Architectures for Autonomous and Reactive Robotic Systems |

10.50- **Tartışma/ Discussion**

SALON 6 / HALL 6

Oturum Başkanı / Moderator: Fahrettin Özbey

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 10.00-10.10 | <u>Arife Bostan</u> , Türkan Erbay Dalkılıç | 1479 | A Study on Multi-Criteria Decision Making Based on the Fuzzy Analytic Network Process |
| 10.10-10.20 | Fahrettin Özbey | 1480 | Reliability Analysis of Systems Subjected to Multiple Shock Sources |
| 10.20-10.30 | <u>Cansu Şevin Birlik</u> , Ömer Kerem Çıtak, Yunus Eroğlu | 1485 | Short-Term FMCG Demand Forecasting: Statistical vs. Machine Learning Models |
| 10.30-10.40 | <u>Selen Yücesoy Kahraman</u> , Kübra Güllü | 1562 | Hybrid Multi-Criteria Decision-Making Model for Supplier Selection in B2C E-Commerce |

10.50- **Tartışma/ Discussion**

ONLINE SUNUMLAR / ONLINE PRESENTATION

12 Mayıs 2026 Salı / May 12, 2026 Tuesday

2. OTURUM – SESSION 2

SALON 1 / HALL 1

Oturum Başkanı / Moderator: Mehmet Kızılarıslan

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|---|
| 11.00-11.10 | Ash Akıllı | 1550 | A Self-Organizing Map and K-Means Approach to Egg Production Patterns Across OECD Countries |
| 11.10-11.20 | Burcu Kartal | 1561 | Reliability of Metaheuristic Algorithms in Hyperparameter Optimization of Time Series Data: A Comparison of Different Cross-Validation Strategies |
| 11.20-11.30 | Ayça Gözel, Elif Çiğdem Keleş | 1567 | An Application For Scene Classification Using Transfer Learning |
| 11.30-11.40 | <u>Salih Yürek</u> , Kadir Sarıkaya | 1570 | Toward Verifiable Confidence in AI-Assisted Diagnosis: A Comparative Statistical Evaluation of Post-Hoc Calibration Methods for Deep Neural Network Classifiers |
| 11.40-11.50 | <u>Zehra Özal</u> , Gökhan Gündüz, Yunus Eroğlu | 1616 | The Hallucination Problem In Large Language Models: An Analysis From An Optimization Perspective |
| 11.50- | Tartışma/ Discussion | | |

SALON 2 / HALL 2

Oturum Başkanı / Moderator: Kaan Kaplan

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 11.00-11.10 | <u>Asena Ertürk</u> , Adnan Çiçek | 1415 | Supply Shocks and Changing Competitive Dynamics in the Olive Oil Market: A Forecast Analysis with the ARIMA Model in the Case of Selected Countries |
| 11.10-11.20 | <u>Osman Nuri Öcalan</u> , Kaan Kaplan | 1625 | Relationship Between Anthocyanin Content and Physical and Colour Characteristics and Its Predictability in Black Mulberry (Morus rubra) Fruits |
| 11.20-11.30 | <u>Melike Tekin</u> , Gülistan Erdal | 1682 | Assessing the Effects of Local and Global Climate Variability on Wheat Production in Türkiye: A Panel Data Analysis |
| 11.30-11.40 | <u>Abdulkadir Acar</u> , Lütfi Bayyurt | 1664 | Digitalization in Medicinal Plant Farming: Data Mining and Statistical Modeling Approaches in Organic Production |
| 11.40-11.50 | <u>Erisa Karoli</u> , Mariana Nikolla | 1647 | Understanding the Impact of Technology in Greenhouse Agriculture: A Statistical Analysis |
| 11.50- | Tartışma/ Discussion | | |

SALON 3 / HALL 3

Oturum Başkanı / Moderator: Han Özsoylev

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|--|
| 11.00-11.10 | Turan Bali, Barış İnce, <u>Han Özsoylev</u> | 1537 | The Dual Nature of Fundamentals: Intra-Industry Peer Distance and the Cross-Section of Stock Returns |
| 11.10-11.20 | <u>Eva Mijatović</u> | 1334 | Tourism and the Functional Structure of Local Public Expenditure: A COFOG-Based Panel Analysis |
| 11.20-11.30 | <u>Suzan Kantarcı Savaş</u> | 1659 | A Hybrid Econometric and Machine Learning Integration to Identify Economic and Climatic Drivers of Olive Oil Exports in Europe |
| 11.30-11.40 | <u>Eda Yalçın Kayacan</u> | 1423 | Assessing Econometric and Causal Machine Learning Methods for Modeling Elderly Happiness: Evidence from Post-Pandemic Türkiye |
| 11.40-11.50 | <u>Mihir Dash</u> , Rita S. | 1452 | Extending the Market Model with GARCH Spillover Effects |
| 11.50- | Tartışma/ Discussion | | |

SALON 4 / HALL 4

Oturum Başkanı / Moderator: Selçuk Tekgöz

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|---|
| 11.00-11.10 | <u>Fatma Nur Kılıçkaya</u> , Murat Taşyürek, Celal Öztürk | 1654 | Multi-Class Semantic Segmentation of Green Areas from Satellite Images Using Transformer-Based Models |

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|-------------|---|------|--|
| 11.10-11.20 | Onuralp Gayret | 1461 | Anomaly Detection in Network Traffic of Embedded Systems: A Comparison of Deep Learning and Machine Learning Methods |
| 11.20-11.30 | <u>Selçuk Tekgöz</u> , <u>Derviş Topuz</u> | 1420 | From Experience to Data: Real-Time Agricultural Monitoring and Productivity with Satellite Imagery |
| 11.30-11.40 | Tuna Çakar, <u>Osman Topçu</u> , Mert Güvençli, Erkan Doğan | 1629 | Telemetry Data Quality and Adequacy Assessment for Smart Boiler Automation in Central Heating Systems |
| 11.40-11.50 | Tuna Çakar, <u>Osman Topçu</u> , Mert Güvençli, Erkan Doğan | 1633 | Hybrid Anomaly Detection and Early Warning Feasibility for Smart Boiler Automation |

11.50- **Tartışma/ Discussion**

SALON 5 / HALL 5

Oturum Başkanı / Moderator: Sadık Çiğdem

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|--|
| 11.00-11.10 | Arben Kambo | 1436 | Beyond Random Walks: Exchange Rate Dynamics Driven by Harmonic Cycles and Liquidity Flows. |
| 11.10-11.20 | <u>Zerrin Saçan</u> , <u>Özgül Vupa Çilengiroğlu</u> | 1463 | Pancreatic Cancer Survival: Analysis of Risk Factors Using Classical and Deep Learning Methods |
| 11.20-11.30 | | | |
| 11.30-11.40 | Klaudio Lika, Glediana Foto | 1617 | Mathematical Study Of Cryptocurrencies And Analysis Of Their Encryption Structure |
| 11.40-11.50 | Mehmet Kaymakoğlu, <u>Gökhan Ayık</u> | 1441 | Statistical Fragility Analysis of Stem Cell Therapies in Knee Osteoarthritis: Are Evidence-Based Medical Outcomes Truly Reliable |
| 11.50-12.00 | <u>Sadık Çiğdem</u> , Erkan Veziroğlu, Shoko Saito | 1560 | Nup214 Fusions Impair CRM1 Export and Disrupt NF-κB Signaling: A Subcellular Compartment Profiling Approach |

12.00- **Tartışma/ Discussion**

SALON 6 / HALL 6

Oturum Başkanı / Moderator: Emrah Er

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|--|
| 11.00-11.10 | <u>Ramis Buğra Gül</u> , Sevgi Yurt Öncel, Funda Erdugan | 1609 | Structural Equation Modeling of the Relationship Between Sport Mental Toughness and Sportspersonship Orientation among Licensed Athletes |
| 11.10-11.20 | Tutku Tuncalı Yaman, <u>Selin Hürel</u> | 1635 | Digitalization and Work Engagement in Contemporary Workplaces: Evidence from a Structural Equation Modeling Approach |
| 11.20-11.30 | <u>Şevval Akbaş</u> , <u>Dilara Ünal</u> , Begüm Yıldız, Şahika Gökmen | 1395 | Comparison of Employment Expectations among Students in English- and Turkish-Medium Business Administration Programs: Evidence from Two Universities |
| 11.30-11.40 | Emrah Er | 1327 | An R Interface to TURKSTAT's Data and Geographical Statistics Portals |
| 11.40-11.50 | Elisantila Gaci, Dorina Grazhdani | 1349 | Integration of Digital Systems and Its Impact on the Organizational Performance of Universities/ Optimization of Administrative Processes Through Digital Technologies |
| 11.50-12.00 | Ardit Dervishi, Algenti Lala, Olimpjon Shurdi, Sonila Murataj | 1434 | A Survey-based Comparative Analysis of Stochastic Optimization Techniques for Spectral Efficiency in MIMO-OFDM Systems with AI-Assisted Perspectives |

12.00- **Tartışma/ Discussion**

ONLINE SUNUMLAR / ONLINE PRESENTATION**12 Mayıs 2026 Salı / May 12, 2026 Tuesday****3. OTURUM – SESSION 3****SALON 1 / HALL 1****Oturum Başkanı / Moderator: Ahmet Sevim**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|---|
| 13.30-13.40 | <u>Muhsin Can Mehter</u> , Berna Ayat Aydoğan | 1511 | Evaluation of Stochastic and Machine Learning Based Methods for Gap Filling in Hydrological Data |
| 13.40-13.50 | <u>Emre Bac</u> , Bilge Gözener | 1573 | The Effect of Climate Factors on Yield in Wheat Production in the Central District of Tokat Province |
| 13.50-14.00 | <u>Muhsin Can Mehter</u> , Berna Ayat Aydoğan | 1522 | Statistical Analysis of Long-Term Variability in Streamflow |
| 14.00-14.10 | Ayşe Büşra Aktaş, Eda Koyuncu, Elif Büşra Algül, Hadiya Khan, <u>Zeynep Fenercioğlu</u> | 1512 | Japan's 2011 Earthquake: Vulnerability, Social and Systemic Risk Analysis |
| 14.20-14.30 | Mehmet Selman Gökmen | 1310 | The Black-Box Problem of Artificial Intelligence In Internal Combustion Engine Research: Physical Verifiability (physics-informed) and Thermodynamic Boundaries |
| 14.30- | Tartışma/ Discussion | | |

SALON 2 / HALL 2**Oturum Başkanı / Moderator: Mehmet Kızılarşlan**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|---|
| 13.30-13.40 | <u>Merve Doğan</u> , Ulduz Mammadova | 1377 | Spatial and Statistical Patterns of Radon in Urban Water Sources of Istanbul |
| 13.40-13.50 | Elmina Gadirova | 1384 | Quantitative analysis of PAHs in the 5 areas of the Caspian Sea |
| 13.50-14.00 | Zokirjon Xaydarov | 1407 | A Dialogue With Artificial Intelligence On The Construction Of a Quantum Theory Of The Gravitational Field |
| 14.00-14.10 | <u>Sadık Çiğdem</u> , Erkan Veziroğlu, <u>Shoko Saito</u> | 1560 | Nup214 Fusions Impair CRM1 Export and Disrupt NF-κB Signaling: A Subcellular Compartment Profiling Approach |
| 14.10-14.20 | <u>Isah Wada</u> | 1396 | Bank Sector Development and Sustainable Green Transition in the Next-11 Economies |
| 14.20- | Tartışma/ Discussion | | |

SALON 3 / HALL 3**Oturum Başkanı / Moderator: Kaan Kaplan**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|---|
| 13.30-13.40 | M. Sait Işıldak | 1329 | Volatility Comparisons in Portfolio Building: Gold, Dollar, Bitcoin and İstanbul Stock Exchange Application |
| 13.40-13.50 | <u>Hasimin Keçi</u> , Majlinda Alcani, Altin Dorri | 1333 | Ccs Integration Models In The Cement Industry: Case Study Of The Albanian Cement Sector |
| 13.50-14.00 | <u>Danish Hassan</u> , Muhammad Danish Khan, Ali Khan, Muhammad Fahim Akhter, John Donald, Abubakar M Imran, Muhammad Ubaid | 1341 | Pakistan Cotton Production Analysis using AI Model |
| 14.00-14.10 | <u>Tayfun Arda Yücel</u> , Gizem Güneş | 1534 | A Dynamic and Fair Scoring Method for Sponsored Listing Distribution and Ranking in Online Platforms |
| 14.10-14.20 | <u>Tenzile Erbayram</u> , Yunus Akdoğan | 1626 | Parameter estimation and applications of the new discrete Epanechnikov exponential distribution |
| 14.20- | Tartışma/ Discussion | | |

SALON 4 / HALL 4**Oturum Başkanı / Moderator: Samet Kaya**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 13.30-13.40 | <u>Christos Kitsos</u> , Ulrich Nyamsi | 1314 | The Gamma-Order Generalized Normal Distribution: A Skew Extension |

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|-------------|---|------|--|
| 13.40-13.50 | Christos Papadopoulos | 1324 | A Refined Approach to Approximating the Mean Number of System Repairs |
| 13.50-14.00 | Tahsin Görmüş | 1453 | Comparison of homogeneous finite mixture distribution models applied to the offshore wind power time series |
| 14.00-14.10 | <u>Jean Francois Regis Mahoro</u> , Oğuzhan Kırılmaz | 1477 | An Exploratory Analysis of Blood Donor Rejection Reasons: A Case Study from Cyprus |
| 14.10-14.20 | <u>Samet Kaya</u> , Esin Köksal Babacan | 1535 | Comparative Inference for the Cubic Rank Transmuted Inverse Weibull Distribution Based on Maximum Likelihood and Least Squares Methods |

14.20- **Tartışma/ Discussion**

SALON 5 / HALL 5

Oturum Başkanı / Moderator: Ersin Yılmaz

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 13.30-13.40 | <u>Ersin Yılmaz</u> , Dursun Aydın | 1296 | A Bayesian Semiparametric Framework for High-Dimensional Regression with Adaptive Shrinkage and Smoothing |
| 13.40-13.50 | Zehra Zeynep Şahinbaşoğlu | 1458 | Convergence of Per Capita Gross Domestic Product (GDP) Between Türkiye and OECD Countries: Logistic Growth Models, Shannon Entropy Analysis (2000–2022) |
| 13.50-14.00 | Funda Iscioglu, <u>Ebru Karadayi</u> <u>Özefe</u> | 1524 | A Reliability Analysis of a Weighted Multi-state (n-r+1,s)-out-of-n System and Its Application in Solar Energy Systems |
| 14.00-14.10 | <u>Erdem Korhan Akçay</u> , Yakup Murat Bulut | 1543 | Parameter Estimation of the Inverse Power Lindley Distribution via Metaheuristic Optimization: A Simulation Study and Real-Data Application |
| 14.10-14.20 | Buğra Kaan Tiryaki, Sena Nur Kömürcü, <u>Mehmet Can</u> <u>Yenikan</u> | 1579 | Conditional Gains of Copula-Based Hybrid Models in Air Pollution Forecast |

14.20- **Tartışma/ Discussion**

SALON 6 / HALL 6

Oturum Başkanı / Moderator: Mehtap Çakmak Barsbay

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|--|
| 13.30-13.40 | Mehseti Esgerova | 1653 | The Role Of Statistical Analysis In Business Decision-Making |
| 13.40-13.50 | <u>Cengizhan Topcu</u> , Sevil Şentürk, Aslı Kaya Karakütük | 1672 | Geometric Foundations of Hesitation-Based Explanation Fidelity: A Statistical Framework for Intuitionistic Fuzzy Inference Systems |
| 13.50-14.00 | Mehtap Çakmak Barsbay | 1435 | Bayesian Analysis of Health-related Occupational Accidents and Return to Work in Türkiye |
| 14.00-14.10 | <u>Elif Çelik Gürbulak</u> , Ece Çetin | 1608 | Use of Bayesian Structural Time Series in Veterinary Medicine: 2026 Egg Production Forecasts for the EU-27 and Türkiye |
| 14.10-14.20 | <u>Altynay Ismailova</u> , Gulnara Ismailova | 1361 | Psychological Mechanisms of Conflict Resolution in Judicial Practice of Kazakhstan |

14.20- **Tartışma/ Discussion**

ONLINE SUNUMLAR / ONLINE PRESENTATION

12 Mayıs 2026 Salı / May 12, 2026 Tuesday

4. OTURUM – SESSION 4

SALON 1 / HALL 1

Oturum Başkanı / Moderator: Abdurrahman Yıldız

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|--|
| 15.00-15.10 | Mehmet Niyazi Çankaya | 1509 | Macro-Financial Asset Selection Model For Turkey (2015–2026) |
| 15.10-15.20 | <u>Yasemin Akça</u> , R. Aykut Arapoğlu | 1542 | Line Feeding and Collection Operations with Tow Train in Automotive Assembly Lines |

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| 15.20-15.30 | <u>Havanur Keser</u> , R. Aykut Arapoğlu | 1548 | A Two-Stage Coverage Approach for Early Intervention in Forest Fires: A Case Study of Eskişehir Province |
| 15.30-15.40 | Abdurrahman Yıldız | 1657 | Analysis and Ranking of Municipal Drinking and Domestic Water Treatment Performance of Turkish Provinces Using the MARCOS Method |
| 15.40-15.50 | Abdurrahman Yıldız | 1658 | Regional Ranking of Agricultural Land Use Structure in Türkiye Using the ARAS Method |
| 15.50- | Tartışma/ Discussion | | |

SALON 2 / HALL 2

Oturum Başkanı / Moderator: Selen Yücesoy Kahraman

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|-------------------------------------|------|---|
| 15.00-15.10 | <u>Beyza Öztürk</u> , M. Akif Bakır | 1360 | Process Control Using Images With Machine Learning In The Production Line |
| 15.10-15.20 | Serkan Akbaş, <u>Barkın Ercan</u> | 1449 | Optimization of Fuzzification Parameters in Statistical Quality Control Charts |
| 15.20-15.30 | Selen Yücesoy Kahraman | 1520 | Beyond Accuracy: A Cost-Based Analysis of Defect Types in Industrial Quality Control |
| 15.30-15.40 | <u>Nihal İnce</u> , Sevil Şentürk | 1599 | Determining the Optimal Deep Learning Architecture for Noisy Health Data Using Intuitive Fuzzy Decision Support Systems |
| 15.40-15.50 | Irfan Šabanović | 1516 | Optimization of EfficientNet for detecting pittings on ball screw drives with Taguchi method |
| 15.50- | Tartışma/ Discussion | | |

SALON 3 / HALL 3

Oturum Başkanı / Moderator: Cemal Öztürk

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|--|
| 15.00-15.10 | Cemal Öztürk | 1318 | Reliability Analysis of AI Classification Models Using Conformal Prediction: An Application on Medical Diagnosis Data |
| 15.10-15.20 | Moustafa Mohamed Salem | 1339 | A Simulation Study on the Effect of Sample Size on the Performance and Stability of Machine Learning Models: A Statistical Perspective |
| 15.20-15.30 | <u>Bünyamin Sarıbacak</u> , Muhammed Kara, Mehmet Soylu | 1397 | Comparative Analysis of Machine Learning Algorithms for Classifying Postoperative Survival Time in Lung Cancer Patients |
| 15.30-15.40 | <u>Adem Yeni</u> , Serpil Aydın | 1419 | Prediction Of Traffic Accident Severity In Samsun Using Machine Learning And Analysis Of Risk Factors |
| 15.40-15.50 | Tartışma/ Discussion | | |

SALON 4 / HALL 4

Oturum Başkanı / Moderator: Muhammet Oğuzhan Yalçın

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--------------------------------------|------|--|
| 15.00-15.10 | <u>Muhammet Oğuzhan Yalçın</u> | 1439 | Comparative Analysis of Character Interactions in Film Scripts Through Multilayered Network Structures and Discursive Features |
| 15.10-15.20 | <u>Muhammet Oğuzhan Yalçın</u> | 1440 | Classification of Author Styles in Post-Millennium World Literature Based on Stylometric Characteristics |
| 15.20-15.30 | <u>Arnisa Sokoli</u> , Frederik Dara | 1533 | Energy Consumption Forecasting: The Interplay of Features, Models, and Forecast Horizons |
| 15.30-15.40 | Derviş Topuz, <u>Selçuk Tekgöz</u> | 1505 | Hybrid Forensic Deepfake Detection via Multi-Layer Fusion of Luminance Modeling, Sobel Edge Gradients and AutoEncoder Residuals |
| 15.40-15.50 | Emre Koçak | 1369 | An Objective Weighting-Based Framework Independent of Variable Orientations for Determining Common Weights in Two-Stage Network DEA Models |
| | Tartışma/ Discussion | | |

SALON 5 / HALL 5

Oturum Başkanı / Moderator: Samet Kaya

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
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|-------------|---|------|---|
| 15.00-15.10 | Ümit Çalık | 1388 | Prediction of Design Parameters for Retaining Walls with Gaussian Process Regression |
| 15.10-15.20 | <u>Samet Kaya</u> , Esin Köksal Babacan | 1536 | Prediction of Experience Status Based on Human Resources Data: A Comparison of Lasso, Ridge, and Elastic Net Logistic Regression Models |
| 15.20-15.30 | Tuğçe Hacıoğlu, <u>Tuğba Özkal</u> | 1551 | Prediction of Contribution Amount in the Individual Pension System Using Machine Learning |
| 15.30-15.40 | <u>Eris Zeqo</u> , Viola Bakiasi (Shtino), Bora Lamaj (Myrto) | 1557 | Deep Feature Extraction with CNN and Classical Machine Learning Classification on FER2013 |
| 15.40-15.50 | <u>İlker Arslan</u> , Ümit Işlak | 1600 | Learning from Similar Trajectories: A Multi-Channel Tensor Approach to Traffic Flow Forecasting |
| 15.50- | Tartışma/ Discussion | | |

SALON 6 / HALL 6

Oturum Başkanı / Moderator: Oğuzhan Araçlı

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|--|
| 15.00-15.10 | <u>Ahmet Faruk Özsoy</u> , Gülдер Kemalbay | 1674 | Price Elasticity Estimation in Wholesale Retail Using Double Machine Learning |
| 15.10-15.20 | <u>Mehmet Can Duru</u> , Serpil Aydın | 1391 | Regression with Imbalanced Data: A Comparative Analysis of Resampling Methods |
| 15.20-15.30 | Eda Yalçın Kayacan | 1422 | Explainable Machine Learning Approaches for Yarn Defect Prediction in Rotor-Spun Cotton Yarns |
| 15.30-15.40 | <u>Oğuzhan Araçlı</u> , Övgücan Karadağ Erdemir | 1491 | Hybrid Actuarial Pricing Models for Automobile Insurance: A Comparative Analysis of GLM, XGBoost, CANN and DRN |
| 15.40- | Tartışma/ Discussion | | |

ONLINE SUNUMLAR / ONLINE PRESENTATION

12 Mayıs 2026 Salı / May 12, 2026 Tuesday

5. OTURUM – SESSION 5

SALON 1 / HALL 1

Oturum Başkanı / Moderator: Mehmet Fatih Sert

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---------------------------------------|------|--|
| 16.00-16.10 | Arben Kambo | 1436 | Beyond Random Walks: Exchange Rate Dynamics Driven by Harmonic Cycles and Liquidity Flows. |
| 16.10-16.20 | <u>Buse Yılmaz</u> , Öyküm Esra Yiğit | 1465 | Determinants of Influencer Engagement: A Cross-Platform Analysis of Content Category and Influencer Size in the Turkish Market |
| 16.20-16.30 | Mehmet Fatih Sert | 1521 | Ensemble Learning Based Identification of Factors Influencing Sustainability Index Inclusion |
| 16.30-16.40 | Mehmet Meşe | 1603 | Assessing Digital Interest in GLP-1-Based Weight Loss Medications in Türkiye Using Google Trends Data |
| 16.40-16.50 | Fatma Esin Kurt | 1663 | Fairness–Performance Trade-Off In Insurance Risk Models: A Quantitative Decision-Making Approach |
| 16.50- | Tartışma/ Discussion | | |

SALON 2 / HALL 2

Oturum Başkanı / Moderator: Tuba Çakır

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|--|
| 16.00-16.10 | Buket Nur Altun | 1523 | Impact of Class Imbalance Handling Strategies on Predictive Performance and Feature Attribution in Tree-Based Models for Diabetes Prediction |
| 16.10-16.20 | Zümre Özdemir Güler | 1540 | The Role of Noise Level and Data Structure in the Reliability and Stability of Classification Models |
| 16.20-16.30 | Begüm Kara Gülay, <u>Elif Naz Taşkın</u> | 1556 | Data Leakage in Biomedical Signals |
| 16.30-16.40 | Tuba Çakır | 1568 | Statistical Validation of Black-Box Survival Models: A Comparative Analysis of WTTE-RNN and AFT Models |
| 16.40-16.50 | <u>Salih Yürek</u> , Kadir Sarıkaya | 1569 | Bootstrap-Based Statistical Inference for SHAP Values: Quantifying Uncertainty and Significance in Black-Box Model Explanations |
| 16.50- | Tartışma/ Discussion | | |

SALON 3 / HALL 3

Oturum Başkanı / Moderator: Meryem Erdoğan Çiller

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 16.00-16.10 | <u>Betül Zişan Şahin</u> , Hatice Tuana Akcay, Öznur Özaltın | 1467 | Predicting Insurance Claim Amounts: A Comparative Study of Generalized Linear Models and Tree-Based Machine Learning Approaches |
| 16.10-16.20 | <u>Abdüssamet Öner</u> , Sevgi Yurt Öncel, Funda Erdugan | 1488 | Unsupervised Machine Learning Approach in Breast Cancer Risk Classification |
| 16.20-16.30 | <u>Ali İbrahim Akman</u> , Muhammet Sait Bozik | 1460 | Sustainable Macroeconomic Resilience In Developed Countries: Machine Learning-Based Analysis Of Financial And Environmental Factors |
| 16.30-16.40 | <u>Şevval Demir</u> , Mehmet Ali Kurt, Övgücan Karadağ Erdemir | 1492 | Directional Forecasting of Pension Investment Funds: Evidence on the Majority Class Illusion from ARIMA, CNN, and LSTM Models |
| 15.40-16.50 | <u>Oğuz Kalem</u> , H. Hasan Örkcü | 1496 | Estimation of the Probability of Daily Lightning Events in the Hakkâri Region Using Machine Learning Methods |
| 16.50- | Tartışma/ Discussion | | |

SALON 4 / HALL 4

Oturum Başkanı / Moderator: Tutku Tuncalı Yaman

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------|------------------|----|----------------|
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|-------------|--|------|--|
| 16.00-16.10 | Ödül Sanaroğlu Buyruk | 1623 | Classification of Benign and Malignant Lesions in Medical Images: A Comparative Analysis of CNN and ResNet18 Models |
| 16.10-16.20 | Fulden Candaş Türkiş | 1634 | When Models Fail: Systematic Misclassification in Machine Learning-Based Liver Fibrosis Prediction |
| 16.20-16.30 | <u>Tutku Tuncalı Yaman</u> , Gülsüm Şevval Aslan | 1636 | Forecasting-Driven Inventory Replenishment Using Machine Learning: Evidence from Dealer-Level Consumer Electronics Retailing |

16.50- **Tartışma/ Discussion**

SALON 5 / HALL 5

Oturum Başkanı / Moderator: Hande Günay Akdemir

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|--|
| 16.00-16.10 | Mustafa Hakan Saldı | 1297 | Modeling the Gold/Silver Ratio Using the Ornstein-Uhlenbeck Process: A Mean-Reversion Approach |
| 16.10-16.20 | Selman Mermi | 1498 | Generating Multi-Correlated Data via a Modified Cholesky-Based Approach |
| 16.20-16.30 | Selman Mermi | 1497 | New Ridge Parameter Estimators for Poisson Ridge Regression Under MSE and Additional Distributional Criteria |
| 16.30-16.40 | <u>Hande Günay Akdemir</u> , Ruveyda Bıçakçı | 1313 | Adapting Fuzzy Numerical Simulation and Bisection Refinement for Interval Linear Programming with Interval-Valued Decision Variables |
| 15.40-16.50 | Nuray Tezcan | 1586 | Environmental Sustainability in Countries Hosting Data Centers |

16.50- **Tartışma/ Discussion**

SALON 6 / HALL 6

Oturum Başkanı / Moderator: Didem Doğar

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|--|
| 16.00-16.10 | <u>Yağmur Ensarioğlu</u> , Engin Yıldıztepe | 1572 | Identification of Ventilatory Thresholds with Neural Network Models based on Simulated CPET Data |
| 16.10-16.20 | <u>Rabia Sude Erdemir</u> , Özlem Kaymaz | 1580 | Comparative Analysis of Machine Learning Methods for Diabetes Risk Prediction Using NHANES Data |
| 16.20-16.30 | <u>Mehmet Meşe</u> , Leman Tomak | 1591 | Evaluation of the Performance of Machine Learning Algorithms in Predicting Mortality Risk in Patients Diagnosed with Acute Myocardial Infarction |
| 16.30-16.40 | Ömer Kerem, <u>Cansu Şevin Birlik</u> , Yunus Eroğlu | 1622 | AI-Based Prediction of Operational Loading Times |

16.50- **Tartışma/ Discussion**

ONLINE SUNUMLAR / ONLINE PRESENTATION**13 Mayıs 2026 Çarşamba / May 13, 2026 Wednesday****1. OTURUM – SESSION 1****SALON 1 / HALL 1****Oturum Başkanı / Moderator: Ahmet Sevim**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|--|
| 10.00-10.10 | <u>Osman Topaç</u> , Ümit Doğan | 1432 | Adaptation and Validation of the Turkish Version of the Employee Safety Voice Scale: Evidence from Turkish Aviation Industry |
| 10.10-10.20 | <u>Elif Çeliktepe</u> , Gülhayat Gölbaşı Şimşek | 1337 | Analyzing User Acceptance of Robotic Process Automation using Technology Acceptance Model |
| 10.20-10.30 | Sündüz Vural, <u>Sibel Ölmez Cangı</u> | 1362 | The Effect of Macro-Economic Conditions in The Covid-19 Period on the Insurance Sector: A Comparative Analysis of Selected EU Countries and Turkey |
| 10.30-10.40 | <u>Vüsal Hüseyinov</u> , Bayram Aliyev, Aykhan Shukurov | 1379 | The Problem of Data-Based Study in Scientific Research: A Critical Analysis of Current Practices and Directions for Improvement |
| 10.40-10.50 | Betül Zehra Gençgönül, <u>Onur Ulucan</u> | 1400 | The Impact of Social Media on University Students' Climate Change Risk Perception |
| 10.50- | Tartışma/ Discussion | | |

SALON 2 / HALL 2**Oturum Başkanı / Moderator. Aye Aye KHİN**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|--|
| 10.00-10.10 | Gunay Badalzade | 1408 | Statistical Analysis of Vocational Skill Development in Children with Down Syndrome |
| 10.10-10.20 | Ahmed İraqi | 1308 | Numerical Cognition and Advertising: How Digits Influence Consumer Perception |
| 10.20-10.30 | Aizhan Baimukhamedova | 1650 | AI-Enhanced Applied Statistics in Banking and Finance: Risk Assessment, Forecasting, and Decision-Making |
| 10.30-10.40 | <u>Aye Aye Khin</u> , Peck-Ling Tee, Chee-Seong Lim, Min Pyae Hein | 1606 | Artificial Intelligence and Its Role in Malaysians' Financial Planner Engagement |
| 10.40-10.50 | <u>Chong Yu Soh</u> , Khin Aye Aye, Chee Seong Lim, Yogambigai Rajamoorthy | 1494 | An Analysis Of Push And Pull Factors Influencing Malaysian's Intention To Work In Singapore |
| 10.50- | Tartışma/ Discussion | | |

SALON 3 / HALL 3**Oturum Başkanı / Moderator: Alpay ÇİLLER**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 10.00-10.10 | Atakan Gerger | 1574 | A Data-Driven Assessment of Digital Maturity in SMEs: Evidence from the Manufacturing Sector Using the DDX Model |
| 10.10-10.20 | Büşra Eren, <u>Tuğba Niksarlı</u> | 1455 | Probabilistic Modelling and Calibration Analysis of Low Academic Performance Risk: TIMSS 2023 Türkiye Mathematics Data |
| 10.20-10.30 | <u>Dursun Yılmaz</u> , Esra Ateş | 1643 | Sustainable Beauty and Green Cosmetic Communication: A Comparative Analysis of Marketing Expenditures, R&D Investments, and Consumer Trends in the 2024-2025 Period |
| 10.30-10.40 | Dursun Yılmaz, <u>Esra Ateş</u> | 1644 | Refillable Makeup Palettes: Design, User Experience, Waste Reduction Potential, and Barriers to Widespread Adoption |
| 10.40-10.50 | <u>Alpay Çiller</u> , Ali Yasin Kafes, Ayşe Hazal Dündar | 1375 | The Macro-Psychological Dynamics of the Relationship Between Unemployment and Suicide: A Panel Data Analysis of OECD Countries |
| 10.50- | Tartışma/ Discussion | | |

SALON 4 / HALL 4**Oturum Başkanı / Moderator: Cem Köseğil**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|--|
| 10.00-10.10 | <u>Mehir Dash</u> , Rita S. | 1451 | Portfolio Choice for Downside Risk Protection using Multi-Criteria TOPSIS |
| 10.10-10.20 | <u>Cem Köseğil</u> , Hacı Hasan Örkcü | 1457 | A Comparison of Renewable Energy Efficiency Performance Across European Countries Using Data Envelopment Analysis |
| 10.20-10.30 | <u>Vusal Huseynov</u> , Abulfaz Salmanov, Ramazan Huseynzade | 1389 | Empirical Evaluation of Allocation of Educational Grants and Proposal of an Optimal Model Based on Operations Research |
| 10.30-10.40 | <u>Emirhan Karatepe</u> , Melih Sözdinler, Yalçın Doksanbir, Ali Hakan Işık | 1392 | Evaluation of Digital Real Estate Listings with Hesitant Fuzzy Hybrid MCDM Methods |
| 10.40-10.50 | Berrin Atalay, <u>Melek Nur Ünal</u> , Aleyna Canpolat, Tuğçe Tunçer, Fatma Nur Karpuzcu | 1326 | Foundation Recommendation System |
| 10.50- | Tartışma/ Discussion | | |

SALON 5 / HALL 5**Oturum Başkanı / Moderator: Meryem Erdoğan Çiller**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---------------------------------------|--------|---|
| 10.00-10.10 | <u>Halime Gökmen</u> , Gözde Ulutagay | 1624 | Interaction of Multi-Level Feature Extraction, Feature Selection, and Classifier Choice In Hybrid CNN-Based Image Classification |
| 10.10-10.20 | <u>Yasin Işık</u> , Elif Duman | TÜİK12 | A Comparative Analysis of Classical Regression and Machine Learning for Electricity Consumption Forecasting |
| 10.20-10.30 | Hüseyin Şentürk | TÜİK4 | Housing Problems and Health Financing Dynamics in Türkiye: A Synthetic Microdata Analysis Using the Random Hot Deck Method |
| 10.30-10.40 | <u>Merve Ulu Mertek</u> , Miraç Eren | 1519 | Analıysis Of Battery Electric Vehicle(Bev) Diffusion In The Turkish Automobile Market Using Robust Estimation Methods (2012-2024) |
| 10.40- | Tartışma/ Discussion | | |

ONLINE SUNUMLAR / ONLINE PRESENTATION**13 Mayıs 2026 Çarşamba / May 13, 2026 Wednesday****2. OTURUM – SESSION 2****SALON 1 / HALL 1****Oturum Başkanı / Moderator: Merve Doğan**

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 11.00-11.10 | <u>Lorena Zeqo</u> | 1380 | A comparative study of logistic regression, LASSO and Random Forest for medical prediction using ROC Curves and bootstrap validation |
| 11.10-11.20 | Filiz Kardiyen, Mine <u>Kaya</u> , Zümre Özdemir Güler | 1352 | Determining Biological Gender using Mandibular Radiomics Data: A Comparative Analysis of Machine Learning Algorithms |
| 11.20-11.30 | <u>Mehmet Sinan İyisoğ</u> | 1610 | Reporting Artificial Intelligence and Machine Learning Prediction Models in Clinical Research |
| 11.30-11.40 | <u>Merve Doğan</u> , Esra Sevimli | 1378 | Health System Inputs As Predictors Of Health outcomes: a Two-Way Fixed Effects Panel Data Analysis Of Developed OECD European Countries |

| 11.40-11.50 | <u>Işıl Ünal</u> dı, Leman Tomak | 1612 | Classification of Alzheimer's Disease Stages Across Multiple MRI Datasets: A Comparative Evaluation of Convolutional Neural Network Architectures |
|---|--|------|---|
| 11.50- | Tartışma/ Discussion | | |
| SALON 2 / HALL 2 | | | |
| Oturum Başkanı / Moderator. Cemal Öztürk | | | |
| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
| 11.00-11.10 | Cemal Öztürk | 1317 | Statistical Detection of Hallucination in Large Language Models: A Multi-Model Repeated Querying Approach |
| 11.10-11.20 | <u>Gözde Merve Sarıyıldız</u> , Selçuk Alp | 1322 | Addressing Extreme Class Imbalance in Bug Triage: A Class-Balanced Graph-Based Semi-Supervised Learning Approach |
| 11.20-11.30 | Ahmet Günbattı | 1410 | Comparison of the Performance of Time Series Classification Methods in Text Classification |
| 11.30-11.40 | <u>Tarık Tuna Taşaltı</u> , David Semedo, Burcu Hüdaverdi | 1604 | Cross-Lingual Mathematical Reasoning in LLMs: Benchmarking Base, Non-Think, and Think Modes on Multilingual AIME 2026 with Pass@k and CoT-Pass@k |
| 11.50- | Tartışma/ Discussion | | |
| SALON 3 / HALL 3 | | | |
| Oturum Başkanı / Moderator: Merve Kandemir Çetinkaya | | | |
| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
| 11.00-11.10 | Selim Dönmez | 1358 | Implementing Logistic Regression on a Kaggle Dataset in R Studio |
| 11.10-11.20 | Merve Kandemir Çetinkaya | 1443 | Robust Jackknife Estimators for Beta Regression |
| 11.20-11.30 | Merve Kandemir Çetinkaya | 1444 | A Liu-Type Estimator for Beta Regression: Parameter Selection via Genetic Algorithm and Particle Swarm Optimization |
| 11.30-11.40 | <u>Topchubai Kul</u> taev, Gulera Tashkulova, Mirlan Asanov | 1508 | Some Optimization Tasks Of The Agricultural Sector Of The Economy |
| 11.40-11.50 | <u>Selma Toker Kutay</u> , Nimet Özbay, Gülesen Üstündağ Şiray, İsmail Yenilmez | 1526 | A Bias-Reduced Liu Estimator for Tobit Regression Model |
| 11.50- | Tartışma/ Discussion | | |
| SALON 4 / HALL 4 | | | |
| Oturum Başkanı / Moderator: Berrin Atalay | | | |
| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
| 11.00-11.10 | Tuna Çakar, <u>Engin Tanrı</u> kulu, Mustafa Ünlü, Emir Esmerdağ, Serdar Kiraz, Mehmet Ali Erdin | 1593 | Event-Driven and Context-Aware Real-Time Campaign Engine for Preventing Rider Churn |
| 11.10-11.20 | <u>Blegina Bezo</u> , Kristi Bello | 1336 | From Black Boxes to Ethical Studios: Redefining Pedagogy and Copyright in the Age of Generative AI |
| 11.20-11.30 | <u>Mustafa Kaan Tütü</u> ncü, Eyyüp Yaşar Kürüm | 1338 | Trust, Fairness, and Accuracy: A Critical Review of AI Writing Detection Tools in English Language Education |
| 11.30-11.40 | Denis Velu | 1342 | Can AI Beat Traditional Statistics? A Head to Head Test of Random Forest vs. Logistic Regression for Credit Risk Prediction |
| 11.40-11.50 | Denis Velu | 1343 | Small Portfolio Construction for High Stakes AI Verification: A Risk Parity Approach with CVaR |
| 11.50-12.00 | <u>Esra Yılmaz Ö</u> nder, Gülistan Erdal | 1648 | Artificial Intelligence Applications In Food Consumer Purchase Behavior: A Review Of Current Status And Literature |
| 12.00- | Tartışma/ Discussion | | |

ONLINE SUNUMLAR / ONLINE PRESENTATION

13 Mayıs 2026 Çarşamba / May 13, 2026 Wednesday

3. OTURUM – SESSION 3

SALON 1 / HALL 1

Oturum Başkanı / Moderator: Alpay Çiller

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|---|
| 13.30-13.40 | <u>Fatih Ceylan</u> , Dursun Yılmaz | 1679 | Statistical Analysis of Health Behaviors in Türkiye from a Health Communication Perspective |
| 13.40-13.50 | <u>Fatih Ceylan</u> , Dursun Yılmaz | 1680 | Determinants of Health Literacy in Turkey: A Secondary Data Analysis of 2023 National Statistics |
| 13.50-14.00 | Erdal Taha Aydoğdu | 1655 | The Relationship Between Crisis Communication and Corporate Reputation in Healthcare Institutions: A Theoretical Evaluation and Conceptual Model Proposal |
| 14.00-14.10 | <u>Erdal Taha Aydoğdu</u> , Dursun Yılmaz | 1665 | The Communicative Dimension of Personal Care and Image Management: A Theoretical Framework |
| 14.10-14.20 | <u>Lachin Nabızade</u> , Samet Hasan Abacı, Nur İlkay Abacı | 1475 | The Relationship Between Communication Skills and Entrepreneurial Tendency: A Meta-Analysis Study |
| 14.20-14.30 | <u>Sevarabonu Nazarboeva</u> , Osman Yıldırım | 1690 | Comparative Machine Learning Approaches for Daily Solar Energy Production Forecasting Using Meteorological Data |
| 14.30-14.40 | <u>Mesut Gökay Okur</u> , Yalçın Tahtalı | 1692 | Monitoring Heat Stress in Karayaka Sheep Within the Scope of Precision Livestock Farming: Usability of Smart Ear Tag Sensors |
| 14.40- | Tartışma/ Discussion | | |

SALON 2 / HALL 2

Oturum Başkanı / Moderator: Atila Göktaş

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|---|------|---|
| 13.30-13.40 | <u>Luljeta Sadiku</u> , Nimete Berisha, Murat Sadiku | 1639 | A Panel Logistic Regression Approach for Modeling Recession Probabilities of the EU and Western Balkan Countries |
| 13.40-13.50 | <u>Atila Göktaş</u> , Angelo Mazza | 1628 | Mapping Urban Settlement Patterns of Syrian Refugees in Turkey: A Spatial Analysis Using Geographically Weighted Ridge Regression |
| 13.50-14.00 | Emel Yavuzuşar | 1472 | Investigating The Determinants of Trail Running Performance |
| 14.00-14.10 | <u>Sevgi Yurt Öncel</u> , Funda Erdugan, Derin Aypek, Sude Nur Kalafat, Ecem Karaoğlu | 1474 | The Effect of Self-Sabotage on Academic Achievement: An Analysis of University Students |
| 14.10-14.20 | <u>Luljeta Sadiku</u> , <u>Nimete Berisha</u> , <u>Murat Sadiku</u> | 1639 | A Panel Logistic Regression Approach for Modeling Recession Probabilities of the EU and Western Balkan Countries |
| 14.20- | Tartışma/ Discussion | | |

SALON 3 / HALL 3

Oturum Başkanı / Moderator: Nihal İnce

| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
|-------------|--|------|---|
| 13.30-13.40 | <u>Nihal İnce</u> | 1597 | Diagnostic Analysis of Non-Parametric Models in Emerging Market Indices: An Application of SHAP to the MSCI EM |
| 13.40-13.50 | <u>Dilek Eltut</u> , Erkam Emin Ayvaz | 1331 | Air Cargo Transportation and the Dynamics of the Chinese Economy: The Relationship Between High-Tech Manufacturing and Air Cargo Demand |
| 13.50-14.00 | <u>Pelin Köroğlu</u> , Ayşegül İşcanoğlu Çekiç | 1356 | Hybrid Frameworks for Day-Ahead Electricity Price Forecasting: Integrating Wavelet Decomposition and Deep Learning |
| 14.00-14.10 | Sedat Kankılıç | 1676 | Testing the Environmental Kuznets Curve with Ecological Footprint in E7 Countries: Panel Data Analysis |

| 14.10-14.20 | <u>Ömer Faruk Bölükbaşı</u> | 1527 | Sustainability of Budget Deficits in Türkiye: Evidence from Unit Root Tests with Structural Breaks |
|---|--|------|--|
| 14.20-14.30 | Bilal Saraç, <u>Çağlar Karamaşa</u> , Seher Gülenç | 1470 | Analysis of the Performance of Accommodation Facilities by Province |
| 14.30- | Tartışma/ Discussion | | |
| SALON 4 / HALL 4 | | | |
| Oturum Başkanı / Moderator: Tuna Çakar | | | |
| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
| 13.30-13.40 | Ruxshona Sobirova | 1409 | The Validity of Artificial Intelligence Decisions: Ensuring Reliability and Verifiability through Statistical Methods |
| 13.40-13.50 | <u>Blegina Bezo</u> , Kristi Bello | 1345 | From Black Boxes to Ethical Studios: Redefining Pedagogy and Copyright in the Age of Generative AI |
| 13.50-14.00 | <u>Ledia Shopi</u> , Genti Proгри, Bederiana Shyti | 1416 | Robot Navigation to a Predefined Area with Obstacles Using Neural Networks Optimized by Genetic Algorithms and Deep Reinforcement Learning |
| 14.00-14.10 | <u>Tuna Çakar</u> , Engin Tanrıku, Mustafa Ünlü, Emir Esmerdağ, Serdar Kiraz, Mehmet Ali Erdin | 1592 | Sequential Trip Assignment System with ETA-Based Pre-Matching and Fair Queue Prioritization |
| 14.10-14.20 | <u>Tuna Çakar</u> , Osman Topcu, Mert Güvençli, Erkan Doğan | 1631 | Proxy Heat Demand Forecasting with Operational Telemetry for Smart Boiler Control |
| 14.20-14.30 | <u>Ahmet Selim Yavuz</u> , <u>Hande Uslu Tuna</u> | 1627 | Investigation Chaotic Behaviour In Dynamic Systems With Artificial Intelligence Based Methods |
| 14.30- | Tartışma/ Discussion | | |
| SALON 5 / HALL 5 | | | |
| Oturum Başkanı / Moderator: Şuheda Aktaş | | | |
| HOURS | YAZARLAR/AUTHORS | ID | BAŞLIK / TITLE |
| 13.30-13.40 | Burak Bora | 1373 | Reliability and Verifiability of LLM-Assisted Content Coding: A Statistical Validation Framework Using Video Game Review Data |
| 13.40-13.50 | <u>Necla İlder Küçükçolak</u> , Gürsel Kona, Enes Faruk Keskin | 1390 | Detecting Market Manipulation in Structurally Shallow Markets: A Tiered and Event-Based Hybrid Surveillance Architecture Integrating Machine Learning and Econometrics |
| 13.50-14.00 | Vildan Kara | 1513 | Deep Learning-Based Image-to-Image Translation Using CycleGAN |
| 14.00-14.10 | <u>Şuheda Aktaş</u> , Mehmet Şamil Güneş | 1518 | Evaluation of Streamflow Modeling for the Marmara Basin Using Explainable Machine Learning Techniques |
| 14.10-14.20 | <u>Nihat Mert Uğurtürk</u> , Ahmet Baran | 1529 | A Comparative Reinforcement Learning Framework for Autonomous Drone Path Planning: A Study of DQN and SAC in Grid-Based Environments |
| 14.20- | Tartışma/ Discussion | | |