**CALL FOR PAPERS**

**Econometric Research Association Data Analytics and Machine Learning International Conference**

**DATAMACLEA’24**

**June 28, 2024**

**Ankara Yıldırım Beyazıt University, Türkiye**

**Dive into the Data Deluge: Data Analytics and Machine Learning Conference**

The Econometric Research Association (ERA) is excited to unveil a one-day conference (face to face or online) dedicated to exploring the forefront of data analytics and machine learning (ML). We welcome original papers from researchers, practitioners, and students across the data analytics and ML spectrum. Whether you're pioneering novel algorithms, unveiling insights hidden within big data, or harnessing the power of natural language processing to unlock economic trends.

**Topics of interest include, but are not limited to:**

* Machine Learning Models and Algorithms: Unsupervised learning, deep learning, reinforcement learning, ensemble methods, interpretability, and beyond.
* Data Mining and Big Data Analytics: Feature engineering, dimensionality reduction, anomaly detection, text mining, and web scraping.
* Predictive Analytics and Modeling: Demand forecasting, risk analysis, market dynamics, and econometric modeling.
* Natural Language Processing for Economic Insights: Sentiment analysis, opinion mining, financial news analysis, and chatbots.
* Time Series Analysis and Forecasting: Econometric forecasting, signal processing, trend analysis, and anomaly detection.
* Statistical Learning and Inference: Bayesian methods, causal inference, machine learning interpretability, and statistical model selection.
* Scientific machine learning approaches in modelling and simulation.
* The relationship between simulation and machine learning.
* Applications of machine learning approaches.

**Important Dates:**

* Abstract Submission Deadline: 10/06/2024
* Notification of Acceptance: 15/06/2024
* Early Registration: 15/06/2024 – 20/06/2024
* Late Registration: 21/06/2024 – 28/06/2024

**Submit your abstracts to info@era.org.tr**

Book of abstracts will be published.

**Publication Opportunity**

International Econometric Review (IER)

**Keynote Speaker:** Prof. Dr. Mehmet Caner, Thurman-Raytheon Distinguished Professor of Economics, Expert in Machine Learning-Finance, Co-Founder Magnus AI, North Caroline State University, USA

https://poole.ncsu.edu/people/mehmet-caner/

**Supporting Universities**

Ankara Yıldırım Beyazıt University, Türkiye

Anadolu University, Türkiye

Ostim Technical University, Türkiye

**Other Supporting Institutions**

Ulakbim, Türkiye

Management and Economics Club, Ankara Yıldırım Beyazıt University, Türkiye

Economic and Social Research Society, Ostim Technical University, Türkiye

**Sponsors**

Central Bank of the Republic of Türkiye (TBC)

Turkish Airlines

Ankara Metropolitan Municipality

Ankara Düşünce ve Araştırma Merkezi

**Secretariat**

Bilge Tiryakioğlu

btiryakioglu@ead.org.tr

Amine İleri

a.ileri@era.org.tr

Ata Sefa Kaplan

atasefakaplan@gmail.com

**Organizing Committee**

Prof. Dr. Murat Aslan, Ankara Yıldırım Beyazıt University, Türkiye

Assoc. Prof. Dr. Özgür Hakan Aydoğmuş, Social Sciences University of Ankara, Türkiye

Assoc. Prof. Dr. Sıdıka Başçı, Ankara Yıldırım Beyazıt University, Türkiye

Assoc. Prof. Dr. Önder Özgür, Ankara Yıldırım Beyazıt University, Türkiye

Assoc. Prof. Dr. Murad Tiryakioğlu, Afyon Kocatepe University, Türkiye

Dr. Mert Akyüz, Ankara Yıldırım Beyazıt University, Türkiye

**Scientific Committee**

Prof. Dr. Murat Aslan, Ankara Yıldırım Beyazıt University, Türkiye

Prof. Dr. Ahmet Faruk Aysan, Hamad Bin Khalifa University, Qatar

Prof. Dr. Mehmet Balcılar, University of New Haven, USA

Prof. Dr. Erkan Erdil, Middle East Technical University, Türkiye

Prof. Dr. Bülent Güloğlu, Istanbul Technical University, Türkiye

Prof. Dr. Christian Hafner, Université catholique de Louvain, Belgium

Prof. Dr. Muhsin Kar, Central Bank of the Republic of Türkiye, Türkiye

Prof. Dr. Mehmet Baha Karan, Hacettepe University, Türkiye

Prof. Dr. Turalay Kenç, The INCEIF University, Malaysia

Prof. Dr. Yılmaz Kılıçarslan, Anadolu University, Türkiye

Prof. Dr. Arzdar Kiracı, Siirt University, Türkiye

Prof. Dr. Berna Kocaman, Ankara University, Türkiye

Prof. Dr. Aykut Lenger, Ege University, Türkiye

Prof. Dr. Şaban Nazlıoğlu, Pamukkale University, Türkiye

Prof. Dr. Nadir Öcal, Çankaya University, Türkiye

Prof. Dr. Özlem Önder, Ege University, Türkiye

Prof. Dr. Mustafa Özer, Anadolu University, Türkiye

Prof. Dr. Houcine Senoussi, CY Tech, France

Prof. Dr. James Thewissen, Université catholique de Louvain, Belgium

Prof. Dr. Murat Yülek, Ostim Technical University, Türkiye

Prof. Dr. Asad Zaman, Al-Nafi Online Educational Platform, Pakistan

Assoc. Prof. Dr. Adam P. Balcerzak, Universityof Warmia and Mazury, Poland

Assoc. Prof. Dr. Sıdıka Başçı, Ankara Yıldırım Beyazıt University, Türkiye

Assoc. Prof. Dr. Fatih Cemil Özbuğday, Ankara Yıldırım Beyazıt University, Türkiye

Assoc. Prof. Dr. Önder Özgür, Ankara Yıldırım Beyazıt University, Türkiye

Assoc. Prof. Dr. Fatma Özgü Serttaş, Ankara Yıldırım Beyazıt University, Türkiye

Dr. Mehmet Fatih Öztek, Ankara Yıldırım Beyazıt University, Türkiye

Dr. Ayşegül Durucan, Kırıkkale University, Türkiye