

ICAS 2024 PROGRAM

19 APRIL 2024 FRIDAY

Opening Ceremony

10:00 – 10:20

COFFEE BREAK 10:20 – 10:40

Welcome Speech

10:40 – 11:00

:Prof. Dr. Ismihan BAYRAMOGLU, Izmir University of Economics
Conference Chair

SESSION A (11:00 – 12:20)

SESSION CHAIR: Prof. Dr. Ismihan BAYRAMOGLU

11:00 – 11:20

PAPER TITLE : Residual Lifetimes of Dependent Components After System Failure

AUTHOR(S) : **Anna DEMBINSKA**

11:20 – 11:40

PAPER TITLE : Discrete Approximations and Counterparts of Continuous Random Variables

AUTHOR(S) : **Alessandro BARBIERO**

11:40 – 12:00

PAPER TITLE : Discrete Time Three-State K-Out-Of-N System's Failure and Numbers Of Components in Each State

AUTHOR(S) : **Krzysztof JASINSKI, Agnieszka GORONCY**

12:00 – 12:20

PAPER TITLE : Reliability of Coherent Systems Characterized by Component Lifetime and Power Level

AUTHOR(S) : **Ismihan BAYRAMOGLU**

LUNCH BREAK 12:20 – 13:20

Lunch is included into Full Package Registration. Participants who booked as Light Package and/or want to purchase extra ticket should contact to conference registration desk

SESSION B (13:20 – 15:00)

SESSION CHAIR: Prof. Dr. Ugur BAC

13:20 – 13:40

PAPER TITLE : Comparison of the Latest Inventory Management Technologies and Material Handling Optimization

AUTHOR(S) : **Ugur BAC**

13:40 – 14:00

PAPER TITLE : Prioritizing The Problems in a Production Area Using Mathematical Model Based Kemira-M

AUTHOR(S) : **Aysenur YURTSEVER**, Pelin TOKTAS , Gulin Feryal CAN

14:00 – 14:20

PAPER TITLE : TBA

AUTHOR(S) : TBA

14:20 – 14:40

PAPER TITLE : Progress of Renewable Energy Use in Eu Countries - Statistical Analysis of Trends And Factors

AUTHOR(S) : **Sonia CHIPEVA** , Ventsislava STOYANOVA

14:40 – 15:00

PAPER TITLE : Assessment of A Company's Beverage Production Facilities in Various Countries For Sustainable Production Performance Using Spc-Aroman Integration

AUTHOR(S) : **Gulin Feryal CAN**, Aysenur YURTSEVER, Pelin TOKTAS

COFFEE BREAK 15:00 – 15:20

SESSION C (15:20 – 17:20)

SESSION CHAIR: Prof.Dr. Turan Erman ERKAN

15:20 – 15:40

PAPER TITLE : A Risk Assessment Approach Proposal Based on Lopcow and Eatwos Methods
Integration

AUTHOR(S) : **Pelin TOKTAS**, Gulin Feryal CAN, Aysenur YURTSEVER

15:40 – 16:00

PAPER TITLE : A Nonparametric Test for Network Independence with Distance Correlation

AUTHOR(S) : Kwun Chuen Gary CHAN ,**Pok Him CHENG**, Hok Kan LING, Phillip YAM

16:00 – 16:20

PAPER TITLE : Feature Selection Approach Based on Tuna Swarm Optimization Algorithm

AUTHOR(S) : **Eda OZKUL**

SHORT BREAK 16:20 – 16:30

16:30 – 16:50

PAPER TITLE : Efficiency Evaluation of Electricity Distribution Companies in Turkey in 2022 by Data
Envelopment Analysis

AUTHOR(S) : Etkin Ekin KARADAG , **Turan Erman ERKAN**

16:50 – 17:10

PAPER TITLE : GLM with Clustering and Its Application in InsurTech

AUTHOR(S) : **Junyou LI**

17:10 – 17:30

PAPER TITLE : Comparison of Wages in the Czech Republic and Slovakia Depending on Various
Factors

AUTHOR(S) : **Lubos Marek**, Stanislava Hronova, Richard Hindls

Dinner & Live Music at Vadaspark - Budapest

Courtyard Marriott Hotel Departure: 19:00

Dinner is included into Full Package Registration. Participants who booked as Light Package and/or want to purchase extra ticket should contact conference registration desk

20 APRIL 2024 SATURDAY

COFFEE BREAK 10:30 – 11:00

SESSION D (11:00 – 12:20)

SESSION CHAIR: Prof.Dr. Beyza AHLATCIOGLU OZKOK

11:00 – 11:20

PAPER TITLE : Comparison of The Results of Various Fuzzy Analytic Hierarchy Process Methods And A Software To Facilitate The Calculations

AUTHOR(S) : Baris Tekin TEZEL, **Ayşe Ovgu KINAY**

11:20 – 11:40

PAPER TITLE : Predicting of Carbon Dioxide Emissions by Machine Learning Methods

AUTHOR(S) : Batuhan OZKAN, **Zeynep YUCESoy**, Fatma NOYAN TEKELI

11:40 – 12:00

PAPER TITLE : A Hybrid Fuzzy Approach to Analyze Patient Satisfaction Considering Hospital Technical Requirements

AUTHOR(S) : **Beyza AHLATCIOGLU OZKOK** , Elif YAFEZ

12:00 – 12:20

PAPER TITLE : Actuarial Analyzing Symmetric-Asymmetric Dependence for Joint Lifetimes and Its Application to Insurance Data

AUTHOR(S) : **Emel KIZILOK KARA**, Tugba AKTAS ASLAN

LUNCH BREAK 12:20 – 13:20

SESSION E (13:20 – 15:00)

SESSION CHAIR: Prof.Dr.Burcu HUDAVERDI

13:20 – 13:40

PAPER TITLE : The Assessment of Risk Premium for Archimedean Copulas
AUTHOR(S) : **Kubra DURUKAN**, Emel KIZILOK KARA

13:40 – 14:00

PAPER TITLE : Reliability of Stress-Strength Models Based on Bernstein Copula Approach
AUTHOR(S) : **Burcu HUDAVERDI**, Selim Orhun SUSAM

14:00 – 14:20

PAPER TITLE : Determining the Optimal Number of Clusters: Adjusted Silhouette Coefficient
AUTHOR(S) : Fatih Emre ÖZTÜRK, **Neslihan DEMIREL**, Engin YILDIZTEPE

14:20 – 14:40

PAPER TITLE : Investigation of the Factors Quiet Quitting and Quiet Firing With the Structural Equation Modelling: A Pilot Research On Health Professional's
AUTHOR(S) : **Merve AKBAŞ** , Ali Mertcan KÖSE

14:40 – 15:00

PAPER TITLE : Reliability Analysis of a Complex Safety-Critical System With Heterogeneous Components Having Proportional Hazard Rates
AUTHOR(S) : Teega Venkateswara RAO, Ruthwika BOYAPALLY, **Sameen NAQVI**

COFFEE BREAK 15:00 – 15:40

SESSION F (15:40 – 17:10)

SESSION CHAIR: Prof.Dr. Tuğba OZKAL YILDIZ

15:40 – 16:00

PAPER TITLE : Binary Chernobyl Disaster Optimization Algorithm for Feature Selection

AUTHOR(S) : **Ozge TEZEL**

16:00 – 16:20

PAPER TITLE : Utilizing Ranked Set Sampling With Varying Probabilities for the Nonparametric Estimation of the Distribution Function

AUTHOR(S) : **Tugba OZKAL YILDIZ** , Yusuf Can SEVİL

16:20 – 16:40

PAPER TITLE : Can Independent Metropolis Beat Crude Monte Carlo?

AUTHOR(S) : **Petros DELLAPORTAS**

16:40 – 17:00

PAPER TITLE : Assessing The Impact Of Non-Pharmaceutical (NPI) Interventions And the Role Of Mutations On The SARS-Cov-2 Virus Spread in India Using a Discrete Renewal Process

AUTHOR(S) : **Arindom CHAKRABORTY**

17:00 – 17:10 (POSTER PRESENTATION)

PAPER TITLE : Evaluation of Earthquake Insurance Posters From Consumer Perspective

AUTHOR(S) : **Ahmet UYAR** , , Muhammet KOTAN

END OF THE CONFERENCE

21 APRIL 2024 SUNDAY

Vienna Tour With Bus & Guide 120€ Per Person

Hotel Departure 07:00

Return Back to Hotel 23:00

Vienna Transfer with Bus 60€ Per Person

Hotel Departure 09:00

This service is only for the participants who are willing to travel to Vienna to enjoy city. Bus will drop guests at Vienna city center and no return arrangement will be done.