



ICAS 2022 PROGRAM

16 May 2022 Monday

Timing: Local Time in Cyprus. GMT+3

MORNING COFFEE BREAK 11:00 – 11:20

Welcome Speech :Prof. Dr. Ismihan BAYRAMOGLU, Izmir University of Economics
11:20 – 11:40 Conference Chair

REGULAR / FACE TO FACE SESSION A (11:40 – 12:40)

SESSION CHAIR: Assoc.Prof. Dr. Aysegul EREM

This session will be available in zoom to be followed by participants.

11:40 – 12:00

PAPER TITLE : Bayesian Inference for Skewed Normal Distributions
AUTHOR(S) : **Narayan SRINIVASAN**¹, Satyaki MAZUMDER²

12:00 – 12:20

PAPER TITLE : Generalized Fiducial Inference for the Chen Distribution
AUTHOR(S) : Cagatay CETINKAYA

12:20 – 12:40

PAPER TITLE : Parameter Estimation for a FSDE Model of Glucose Control
AUTHOR(S) : Alessandro BORRI¹, **Andrea DE GAETANO**², Simona PANUNZI³

LUNCH BREAK 12:40 – 13:40

Information for regular participation; Lunch is included into Salamis Hotel Accommodation



ICAS CONFERENCE

INTERNATIONAL CONFERENCE ON ADVANCES IN STATISTICS

E-Plenary Speech A (13:40 – 14:10)

Prof. Dr. Sofia OSTROVSKA

Speech Title

Independence and Uncorrelatedness:
From Early Studies to Current Developments

This spech will be available in zoom to be followed by participants.

TECHNIC BREAK 14:10 – 14:20

ONLINE SESSION A (14:20 – 15:40)

SESSION CHAIR: Assoc. Prof. Dr. Gulder KEMALBAY

This session will be available in zoom to be followed by participants.

14:20 – 14:40

PAPER TITLE : On the Generalized Mixed Shock Model

AUTHOR(S) : Murat OZKUT

14:40 – 15:00

PAPER TITLE : Mean Residual Strength of a Multi-state System based on Stress-Strength Modelling

AUTHOR(S) : **Funda ISCIOGLU**¹ , Firat DEVECI²

15:00 – 15:20

PAPER TITLE : Comparison of Zero Inflated Regression Models For Application To E-Commerce Data

AUTHOR(S) : **Duygu KILIC**¹ , Hatice T. Kubra AKDUR² , Hulya BAYRAK³

15:20 – 15:40

PAPER TITLE : Reliability Assessment for Discrete Time Multi-State System Utilizing Level Based Component States

AUTHOR(S) : **Funda ISCIOGLU**¹ , Ozge ELMASTAS GULTEKIN²

COFFEE BREAK 15:40 – 16:00



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ONLINE SESSION B (16:00 – 17:20)

SESSION CHAIR: Dr. Krzysztof JASINSKI

This session will be available in zoom to be followed by participants. Link will be send on conference day

16:00 – 16:20

PAPER TITLE : Bounds on Expected Order Statistics From the Decreasing Reversed Failure Rate Populations

AUTHOR(S) : **Agnieszka GORONCY**¹, Tomasz RYCHLIK²

16:20 – 16:40

PAPER TITLE : The Number of Failed Components in a Coherent System Consisting of Different Types of Components

AUTHOR(S) : Krzysztof JASINSKI

16:40 – 17:00

PAPER TITLE : Order Statistics Based Training and Scoring Algorithms for Deep Outlier Detection

AUTHOR(S) : **Ahmet Zahid BALCIOGLU**¹, Erhan CENE²

17:00 – 17:20

PAPER TITLE : Assessing Several Strategies for Estimating Average Treatment Effects with Generalized Boosted Models: Matching Weighting via Inverse Probability

AUTHOR(S) : Hulya KOCYIGIT

TECHNIC BREAK 17:20 – 17:30

E-Plenary Speech B (17:30 – 18:00)

Prof. Barry C. ARNOLD

Speech Title

Asymmetric Univariate and Bivariate Laplace and Generalized Laplace Distributions Revisited

Gala Dinner at Kybele Restaurant / Bellapais

Salamis Hotel Departure: 18:30

**Gala Dinner invitation is valid only for Full Registration Package holders.
For Extra Gala Dinner Ticket please contact conference registration desk**



17 May 2022 Tuesday

ONLINE SESSION C (10:00 – 11:20)

SESSION CHAIR: Prof. Dr.Fatma NOYAN TEKELI

This session will be available in zoom to be followed by participants.

10:00 – 10:20

PAPER TITLE : An it and Statistical Procedure to Merge Administrative Database and Official Statistics

AUTHOR(S) : **Caterina Marini**¹, Vittorio Nicolardi²

10:20 – 10:40

PAPER TITLE : A Hybrid Long Short-Term Memory Model For Daily Crude Oil Price Prediction

AUTHOR(S) : Fatma NOYAN TEKELI¹, Coskun PARIM², **Batuhan OZKAN**³

10:40 – 11:00

PAPER TITLE : Deep Learning In Video Games

AUTHOR(S) : **Alihan ÖZTÜRK**¹, Fatma NOYAN TEKELI²

11:00 – 11:20

PAPER TITLE : Portfolio Optimization For Bist 50 Using Local Dependence Approach

AUTHOR(S) : **G.Yazgi TUTUNCU**¹, Hakan EVGI²

11:20 – 11:40

PAPER TITLE : Comparison of the claims reserves methods

AUTHOR(S) : **Rümeysa KARATAŞ**¹, Uğur KARABEY²

COFFEE BREAK 11:40 – 12:00



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REGULAR / FACE TO FACE SESSION B (12:00 – 13:00)

SESSION CHAIR: Narayan SRINIVASAN

12:00 – 12:20

PAPER TITLE : Bootstrap Aggregation Methods for Feature Selection

AUTHOR(S) : Ayman ALZAATREH

12:20 – 12:40

PAPER TITLE : Hybrid Methodology Of Panel Data Analysis Used On Borsa Istanbul Stocks

AUTHOR(S) : **Selim DONMEZ**¹, Ozer OZAYDIN²

12:40 – 13:00

PAPER TITLE : A Cross-European Efficiency Assessment of Offshore Wind Farms: A DEA approach

AUTHOR(S) : Negar AKBARI

13:00 – 13:20

PAPER TITLE : Hybrid Methodology of Panel Data Analysis Used on Gross Domestic Product of Various Countries

AUTHOR(S) : **Selim DONMEZ**¹, Ozer OZAYDIN²

LUNCH BREAK 13:20 – 14:30

**Regular / Face to Face Invited Speech C
(14:30 – 15:00)**

Assoc. Prof. Dr. Aysegul EREM

Speech Title: Applications of Exceedance Statistics in Control Charts

CLOSING CEREMONY 15:00 – 15:20