

7th ICNTEF OCTOBER 15-17, 2021

15 OCTOBER 2021 FRIDAY

Time zone in Turkey (GMT+3)

10:10 – 10:30

OPENING CEREMONY

Assoc. Professor Umut UYAR / Pamukkale University - Turkey

10:30 – 11:00	Invited Speech: Professor Eugenia STOIMENOVA / Bulgarian Academy of Sciences – Bulgaria <i>Distance Based Ranking Models</i>
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11:00 - 11:15	B R E A K
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SESSION A

SESSION CHAIR	Aysen DENER AKKAYA	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
11:15 - 11:30	Preservation of Some Distributional Properties of Component Lifetimes by System Lifetimes	Magdalena SZYMKOWIAK / Barry C. ARNOLD / Tomasz RYCHLIK
11:30 - 11:45	The Number of Failed Components in a Coherent Working System When the Lifetimes are Discretely Distributed	Krzysztof JASINSKI
11:45 - 12:00	Comparison of Adaptive Modified Maximum Likelihood Method with Huber Estimators for the Polynomial Regression Under Long Tailed Symmetric Distribution	Aysen DENER AKKAYA / Ozlem TURKER BAYRAK

12:00 - 13:00	LUNCH B R E A K
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13:00 - 13:30	Invited Speech: Professor Tomasz RYCHLIK / Polish Academy of Sciences - Poland <i>Bounds on the Expectations of L-statistics from iid Symmetric Populations in Various Scale Units</i>
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13:30 - 13:45	B R E A K
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SESSION B

SESSION CHAIR	Aysegul EREM	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
13:45 - 14:00	Stochastic Comparisons of Some Distances Between Random Variables	Patricia ORTEGA JIMENEZ / Miguel A. SORDO / Alfonso SUÁREZ-LLORENS
14:00 - 14:15	A Copula based Stress-Strength Reliability Estimation	Anusha JAMES / Navin CHANDRA
14:15 - 14:30	Estimating the Association Parameter for Gumbel's Bivariate Exponential Distribution Using Ranked Set Sampling	Yusuf Can SEVİL / Tugba YILDIZ

14:30 - 14:45	B R E A K
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14:45 - 15:15	Invited Speech: Professor Alex KARAGRIGORIOU / University of the Aegean – Greece <i>Concavity, Convexity and Exponentiality: Recent Trends in Tests of Fit</i>
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15:15 - 15:30	B R E A K
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SESSION C

SESSION CHAIR	Gulder KEMALBAY	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
15:30 - 15:45	On the Expected Proportional Shortfall Order of Relative Spacings of Order Statistics	Gema FIGUEIRAS VOCES / Antonia CASTANO-MATÍNEZ / Miguel A. SORDO
15:45 - 16:00	A Random Threshold Model Based on Bivariate Order Statistics	Aysegul EREM
16:00 - 16:15	Tail Mean-Variance Portfolio Optimization with Generalized T Distribution	Ismet BIRBICER / Ali Ihsan GENÇ

16:15 - 16:30	B R E A K	
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16:30 - 17:00	Invited Speech: Professor Haroon BARAKAT / Zagazig University – Egypt <i>Limit Results for the Maximum of Multivariate Order Statistics in D-norm</i>	
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17:00 - 17:15	B R E A K	
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SESSION D

SESSION CHAIR	Fatma NOYAN TEKELI	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
17:15 - 17:30	On Generalized Reversed Aging Intensity Functions	Francesco BUONO / Maria LONGOBARDI / Magdalena SZYMKOWIAK
17:30 - 17:45	On the Usage of Metaheuristic Algorithms for Estimation of the KM-Weibull Distribution Parameter Under Progressively First-Failure Censoring	Sumeyra SERT / Ahmet PEKGOR / Kadir KARAKAYA / Coskun KUS
17:45 - 18:00	Generalizations of Weibull models and its properties: A Review	Subarna BHATTACHARJEE

18:00 - 18:15	B R E A K	
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18:15 - 18:55	Keynote Speech: Professor Barry C. ARNOLD / University of California- USA <i>A Characterization Miscellany</i>	
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18:55 - 19:15	B R E A K	
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19:15 - 19:55	Keynote Speech: Professor Narayanaswamy BALAKRISHNAN / McMaster University - Canada <i>Reliability Modelling and Assessment of a Heterogeneously Repaired System with Partially Relevant Recurrence Data</i>	
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7th ICNTEF OCTOBER 15-17, 2021

16 OCTOBER 2021 SATURDAY

Time zone in Turkey (GMT+3)

09:30 - 10:10	Keynote Speech: Professor Bulent GULOGLU / Istanbul Technical University - Turkey <i>Robust Outer Product of Gradients Tests for Spatial Dependence</i>
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10:10 - 10:15	B R E A K
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SESSION E

SESSION CHAIR	Umut UYAR	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
10:15 - 10:30	Optimal Moment-Subset Selection for The SMM Using Machine Learning	Jiri Kukacka
10:30 - 10:45	The Challenge of Industry 4.0 to the Small And Mid Size Companies. What Digital Competencies are Needed to Develop Overall Labour Effectiveness?	Kornel Nemeth / Eszter Nemeth
10:45 - 11:00	Social Exclusion - A Barrier in The Medical Act For Dermatological Diseases in Romania: A Panel Regression Analysis	Calcedonia ENACHE / Ionuț Silviu BEIA / Monica COSTESCU
11:00 - 11:15	Diffusion Processes with Private Network Information	Yiran XIE

11:15 - 11:30	B R E A K
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11:30 - 12:00	Invited Speech: Professor José María SARABIA / CUNEF University – Spain <i>Aggregation of Dependent Risks: A Short Review of Some Recent Results</i>
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12:00 - 13:00	LUNCH B R E A K
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13:00 - 13:30	Invited Speech: Professor Anna DEMBIŃSKA / Warsaw University of Technology – Poland <i>Numbers of Observations in Random Regions Determined by Records for Tail-Less Populations</i>
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13:30 - 14:15	B R E A K
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SESSION F

SESSION CHAIR	Gulhayat GOLBASI SIMSEK	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
14:15 - 14:30	Construction of Complete Diallel Crosses Plans using Galois Field	Rashmi SHARMA / Poonam SINGH
14:30 - 14:45	A New Performance Evaluation Approach of a Multi-State Standby System	Funda ISCIOGLU / Ebru KARADAYI
14:45 - 15:00	On The Distribution of Power Generated by a Solar Plant Considering PV Module Reliability	Melek ESEMEN / Selma GURLER / G. Yazgi TUTUNCU

15:00 - 15:15	B R E A K
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15:15 –15:45	Invited Speech: Professor Murat ADIVAR / Fayetteville State University – USA <i>Using the Power of Machine Learning to Understand Drivers of Salesforce Performance</i>
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15:45 - 16:00	B R E A K
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SESSION G

SESSION CHAIR	Maria LONGOBARDI	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
16:00 – 16:15	Multivariate Reversed Hazard Rates and Inactivity Times of Systems	Maria LONGOBARDI / Francesco BUONO / Emilio DE SANTIS / Fabio SPIZZICHINO
16:15 - 16:30	Properties of a New Local Dependence Function	G. Yazgı TUTUNCU / Necla KOCHAN
16:30 – 16:45	On Fuzzy Ordering of Random Variables	Ismihan BAYRAMOGLU

16:45 - 17:00	B R E A K
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17:00 - 17:40	Keynote Speech: Professor Haikady NAGARAJA / The Ohio State University – USA <i>Distributions of Order Statistics and Their Applications to the Study of System Reliability</i>
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17:40 - 18:00	B R E A K
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18:00 - 18:40	Keynote Speech: Professor Omer OZTURK / The Ohio State University – USA <i>Cluster Randomized Ranked Designs</i>
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7th ICNTEF OCTOBER 15-17, 2021

17 OCTOBER 2021 SUNDAY

Time zone in Turkey (GMT+3)

10:30 – 11:00	Invited Speech: Professor Leda MINKOVA / Sofia University – Bulgaria <i>Geometric Polya-Aeppli Process</i>
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11:00 - 11:15	B R E A K
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SESSION H

SESSION CHAIR	Selim Orhun SUSAM	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
11:15 – 11:30	Robust Bayesian Analysis in the Treatment of Results from Radioanalytical Measurements	Marta SANCHEZ-SANCHEZ / Manuel BARRERA / Ignacio LIRA / Alfonso SUÁREZ-LLORENS
11:30 – 11:45	Machine Learning with Bernstein Vine Copula: Classifying Gene Expression Profiles	Tolga YAMUT / Burcu HUDAVERDI
11:45 - 12:00	Modeling Relationship Between Bitcoin and Ethereum Using Vector Autoregressive (VAR) Model	Baki UNAL / Yunus EROGLU
12:00 - 12:15	Predicting Corruption Criminology using Machine Learning Technics in case Mongolia	O. KHULAN / J. ENKHBAYAR

12:15 - 13:00	LUNCH B R E A K
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SESSION I

SESSION CHAIR	Meglana LAZAROVA	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
13:00 – 13:15	Classical Estimation in Inverse Pareto Lifetime Model under Progressive First Failure Censoring	Indrajeet KUMAR / Kapil KUMAR
13:15 - 13:30	A Goodness-of Fit Improvement Based on Kendall's Tau-Preserving Transformation for Semiparametric Family of Copulas	Selim Orhun SUSAM / Burcu HUDAVERDI UCER
13:30 – 13:45	Bivariate Polya-Aeppli Process And Ruin Probability	Meglana LAZAROVA / Leda MINKOVA

13:45 - 14:00	B R E A K
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7th ICNTEF OCTOBER 15-17, 2021

SESSION J

SESSION CHAIR	Rashmi SHARMA	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
14:10 – 14:15	Analysis of Information Flow Between Bitcoin and Ethereum Using Transfer Entropy	Baki UNAL / Abdulla SAKALLI
14:15 – 14:30	Methodological Developments and Applications of Joint Modeling for Time-to-Event and Multivariate Longitudinal Outcomes - Under the Latent Gaussian Approach Incorporates Missingness	Madiha LIAQAT / Taban Baghfalaki, Florian Fischer, Shahid Kamal
14:30 – 14:45	Evaluation of Opinions about Hacettepe University During the Covid-19 Pandemic	Nurbanu BURSA

14:45 – 15:00 CLOSING CEREMONY

Assoc. Professor Umut UYAR / Pamukkale University - Turkey