23rd AMSE APPLICATIONS OF MATHEMATICS AND STATISTICS IN ECONOMICS

International Scientific Conference - Online| Wrocław, Poland, 2.09.2021

CONFERENCE PROGRAM

THURSDAY – 02.09.2021

9:00-9:15	**CONFERENCE OPENING**	
SESSION 1		
	MACROECONOMIC ISSUES **CHAIRMAN: RICHARD HINDLS**	
9:15-9:35	Rudolf Zimka, Miroslav Hužvár, Mária Grausová	On the existence of limit cycles in Kaleckian system with inflation-deflation expectations
9:35-9:55	Emília Zimková, Martin Boďa	Aligning the loan-to-deposit ratio with the needs of macroprudential regulation
9:55-10:15	Joanna Dębicka, Edyta Mazurek, Katarzyna Ostasiewicz	Methodological aspects of measuring preferences using the rank and Thurstone's scale
10:15-10:45	**Coffee break**	
SESSION 2		
	MICROECONOMIC AND FINANCIAL ISSUES **CHAIRMAN: STANISLAVA HRONOVÁ**	
10:45-11:05	Somdeb Lahiri	Game Theory for Decision Making Under Ambiguity
11:05-11:25	Jana Fischerová, Jakub Vincenc, Veronika Ptáčková	Using the business survey and other relevant sources to improve the estimation of financial margins on buying and selling transactions in Czechia
11:25-11:45	Pavol Kráľ	Notes on deployment of financial distress prediction models
11:45-12:05	David Zapletal	Use of Survival Analysis for Default Modelling in P2P Lending
12:05-12:35	**Coffee break**	

SESSION 3		
	OLD AGE ISSUES, PENSION MARKET **CHAIRMAN: EMÍLIA ZIMKOVÁ**	
12:35-12:55	Stanisław Heilpern, Joanna Dębicka, Agnieszka Marciniuk	Modelling marital reverse annuity contract in a stochastic economic environment
12:55-13:15	Jana Špirková, Martin Dobrovič, Miroslava Vinczeová	A critical view on pension savings in Slovakia
13:15-13:35	Alena Kaščáková, Andrea Seberini, Anna Vallušová	Methods of the evaluation of socio-economic situation of municipalities in the context of community-based social service centres (CSSCs) for seniors
13:35-13:55	Agnieszka Marciniuk, Beata Zmyślona	Marriage and individual contracts combining reverse annuity with critical health insurance as a tool for managing the pensioners' budget
13:55-14:40	**LUNCH**	
SESSION 4		
	APPLICATION OF STATISTICAL METHODS IN ECONOMICS **CHAIRMAN: RUDOLF ZIMKA**	
14:40-15:00	Jaroslav Sixta, Jiří Novák	The simulation of synthetic microdata of population census 2021
15:00-15:20	Magdalena Kapelko, Anastasiia Horeva	Evaluation of the efficiency and corporate social responsibility of the transport industry using the DEA method
15:20-15:40	Žaneta Lacová, Peter Laco, Anna Vallušová	Digital skills as drivers of ICT usage in enterprises in the European Union
15:40-16:00	Jakub Kalenský	Analysis of developments in prices of real estate and construction of predictive models of selected regions of Czech Republic
16:00-16:30	**Coffee break**	

SESSION 5		
	APPLICATION AND HISTORY OF STATISTICS **CHAIRMAN: MARTIN BOĎA**	
16:30-16:50	Cyprian Kozyra	Problems with exploratory and confirmatory factor analysis
16:50-17:10	Keisuke Teeple	Speculative Trade with Anchored Expectations
17:10-17:30	Prokop Závodský, Ondřej Šimpach	Reginald Kneifl and the beginnings of the statistical description of "Austrian" Silesia
17:30-17:40	**CONFERENCE CLOSING**	