

CONFERENCE PROGRAM

WEDNESDAY – 28. 08. 2019

17:00 – 18:30	Registration at the Hotel Arman in Nižná
19:00	DINNER

THURSDAY – 29. 08. 2019

7:30 – 8:30	BREAKFAST
9:00 – 9:15	CONFERENCE OPENING: RUDOLF ZIMKA (ROOM A)

INVITED LECTURES

ROOM A	CHAIRMAN: RICHARD HINDLS	
9:15 – 10:15	Rojíček, M.	Official statistics for evidence-based decision-making
	Bernadič, F.	Statistics in Slovakia: History and the present time

10:15 – 10:45	COFFEE BREAK
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PLENARY LECTURES

ROOM A	CHAIRMAN: EMÍLIA ZIMKOVÁ	
10:45 – 12:15	Luptáčík, M.	Efficiency vs. equity as a multi-objective optimization problem
	Thanassoulis, E.	The use of data envelopment analysis in regulation

12:30 – 13:30	LUNCH
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SESSIONS A - B

ROOM A	MACROECONOMIC ISSUES I	
	CHAIRMAN: STANISLAVA HRONOVÁ	
13:30 – 15:30	Šimková, M., Sixta, J.	Influence of population ageing on macroeconomic productivity
	Šafr, K., Vltavská, K., Fischer, J.	Effects of structural changes in intermediate use on employment using the input-output analysis and the index theory
	Kramulová, J., Vincenc, J., Houžvičková, H.	How to value equity in national accounts?
	Musil, P., Kramulová, J.	Development of regional price levels in the Czech Republic
	Ptáčková, V., Štěpánek, L., Hanzal, V.	Is one time-series in the business tendency survey able to predict another one? Granger causality between time series

ROOM B	MACROECONOMIC ISSUES II	
	CHAIRMAN: JOANNA DĘBICKA	
13:30 – 15:30	Dujava, D., Kališ, R., Luptáček, M.	Decomposition of potential gains from mergers: The harmony effect revealed
	Nežinský, E., Luptáček, M.	Impact of automation on labour use: A decomposition approach
	Jankovič, P., Nežinský, E., Luptáček, M.	Human capital accumulation, output growth and income distribution: A DEA-based decomposition
	Gawthorpe, K., Šafr, K.	Maintaining the well-being of ageing population in the Czechia
	Boďa, M., Považanová, M.	Validity of regional estimations of Okun's law

15:30 – 16:00	COFFEE BREAK
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SESSIONS C - D		
ROOM A	APPLICATIONS OF MULTIVARIATE METHODS	
	CHAIRMAN: JAKUB FISCHER	
16:00 – 18:00	Stachová, M., Král, P.	Panel data clustering in financial distress prediction
	Cibulková, J., Novák, R., Šulc, Z.	Multivariate methods for survey evaluation: A case study of Big Data and the New Digital Divide
	Berka, P., Marek, L, Vrabec, M.	Modelling student dropout using statistical and data mining methods
	Řezanková, H., Novák, R.	Effect of ordinal variable transformations on hierarchical clustering results: A case study on the Big Data phenomenon
	Král, P., Laco, P.	Corporate website evaluation using partial least squares path modelling
ROOM B	MACROECONOMIC ISSUES III	
	CHAIRMAN: STANISLAW HEILPERN	
16:00 – 18:00	Demetrian, M., Zimka, R.	On dynamics of a three-country model of business cycles with fixed exchange rates
	Cisková, P., Zimková, E., Zimka, R.	On dynamics of a two-country Kaldorian model of business cycles with fixed exchange rates: A case of Slovakia and the Czech Republic
	Grausová, M., Hužvár, M., Zimka, R.	On dynamics in a four-dimensional model of a small open economy
	Kozyra, C.	Economic growth and income inequality: Panel regression models for Central and Eastern European countries
	Mazurek, E., Dębicka, J., Szalotka, K.	Correlation between lifestyle and health of people with disabilities

19:00	DINNER
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FRIDAY – 30. 08. 2019

7:30 – 8:30	BREAKFAST
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SESSIONS E - F

ROOM A	SOCIAL ISSUES I	
	CHAIRMAN: KRISTÝNA VLTAVSKÁ	
09:00 – 10:15	Zmyšlona, B.	Co-payment of patients for medical services: A survey for the populace of Wrocław
	Fiala, T., Langhamrová, J.	Differences in relative prospective age determined by cohort and period life tables
	Gardoň, A.	Arguments for modification of the jump identification method in the jump-diffusive model
ROOM B	APPLICATIONS IN INSURANCE	
	CHAIRMAN: CYPRIAN KOZYRA	
09:00 – 10:15	Heilpern, S.	Application of fuzzy random variables in insurance
	Marciniuk, A.	Equity release contracts with varying payments
	Biernacki, M., Guzek, W.	Assessment of socio-economic development of selected European countries with the use of a modified HDI

10:15 – 10:45	COFFEE BREAK
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SESSIONS G - H

ROOM A	SOCIAL ISSUES II	
	CHAIRMAN: MARTIN BOĎA	
10:45 – 11:45	Vallušová, A., Lacová, Ž.	Adding unpaid work value to income inequality measures in Slovakia
	Považanová, M., Kollár, J., Kika, M., Nedelová, G.	Unpaid work performed by younger members of household up to 26 years in Slovakia
ROOM B	SOCIAL ISSUES III	
	CHAIRMAN: BEATA ZMYŠLONA	
10:45 – 11:45	Čabla, A., Habarta, F.	Distribution of the wealth of the richest persons in the world
	Kaščáková, A., Rigová, Z., Sýkorová, K.	Efficiency of Slovak municipalities' expenditure on services for senior citizens

SPECIAL LECTURE

ROOM A	CHAIRMAN: RUDOLF ZIMKA	
12:00 – 12:30	Závodský, P., Šimpach, O.	Origin of the state statistical service in Czecho-Slovakia

12:30 – 12:50	CONFERENCE CLOSING (ROOM A)
13:00 – 14:00	LUNCH
14:45	Guided tour of the Orava Castle
19:00	DINNER

SATURDAY – 31. 08. 2019	
7:00 – 8:00	BREAKFAST
7:30	TRIP B, C
8:00	TRIP A
19:00	DINNER

SUNDAY – 01. 09. 2019	
7:30 – 9:30	BREAKFAST
10:00	Check-out and departure

On Saturday, 31 August 2019, a whole-day trip will be organized for conference participants in the Orava region. Several options specified below will be offered, but some details can change or be agreed before or during the trip, depending on the preferences of participants and on the weather conditions.

Light trekking shoes are sufficient for trip A, while good hiking clothes and footwear are strongly recommended for trips B and C.

Trip A

Cultural and technical monuments of the Orava region (by passenger cars of the participants, departure from hotel at 8:00)

Nižná – Tvrdošín (wooden gothic church of All Saints, UNESCO World Heritage site) – Orava dam (sightseeing cruise combined with a tour of the exhibition on the Slanica Island of Art) – Klin (monumental statue of Jesus Christ on a hill with beautiful views of the surrounding countryside on the Slovak-Polish border) – Oravská Lesná (journey on the historical narrow-gauge Orava Forest Railway) – Nižná

Trip B

Medium difficult - difficult hiking (departure from hotel at 7:30)

Zverovka – Ťatliakova chata – Roháčsky vodopád – Roháčske plesá – Zverovka

Estimated duration: approx. 6 hours

Estimated elevation of the hiking route: approx. 730m up and down

<https://sk.mapy.cz/s/fehozufupo>

Trip C

Very difficult hiking (departure from hotel at 7:30)

Zverovka – Látaná dolina – Rákoň – Volovec – Ostrý Roháč – Plačlivé – Smutné sedlo – Zverovka

Estimated duration: approx. 10 hours

Estimated elevation of the hiking route: approx. 1700m up and down

<https://sk.mapy.cz/s/ranefusole>

In case of bad weather conditions, the social program will be adjusted.