



# CONFERENCE PROGRAM



**WEDNESDAY – 30 Aug 2023**

16.00-19.00	Registration in the hotel Diplomat, Rajecké Teplice, Slovak Republic
19.00-20.00	<b>WELCOME DRINK, DINNER</b>

**THURSDAY – 31 Aug 2023**

07.30-09.00	Breakfast
08.00-09.00	Registration in the hotel Diplomat, Rajecké Teplice, Slovak Republic
09.10-09.20	<b>CONFERENCE OPENING (conference room)</b>
	Rudolf Zimka, Vladimír Hiadlovský

**PLENARY SESSION (conference room)**

	<b>INVITED LECTURES</b>	
	<b>CHAIRMAN: RICHARD HINDLS</b>	
09.20-10.00	Marek Rojíček	Communication strategy and new tools for dissemination in the Czech Statistical Office
10.00-10.40	Ľudmila Ivančíková, Peter Peťko	Using of innovations and their impact on the chosen conclusions of Population and Housing Census 2021
10.40-11.00	COFFEE BREAK	

**SESSION 1 (conference room)**

	<b>EFFICIENCY STUDIES AND ECONOMIC ANALYSES</b>	
	<b>CHAIRMAN: JOANNA DĘBICKA</b>	
11.00-11.20	Jakub Fischer, Hana Flusková	Relationship between funding of university faculties and economic difficulty coefficients of study programmes
11.20-11.40	Emília Zimková, Kristína Sičová, Ľubomír Pintér, Colin Lawson	Benchmarking the efficiency of water companies: application of DEA
11.40-12.00	Marek Biernacki	Comparison of the efficiency of national health systems of the European Union countries before and during the COVID-19 pandemic
12.00-12.20	Markéta Matulová	Construction of a new DEA-based circular economy index
12.20-12.40	Hana Flusková, Šimon Stiburek	How efficient are European higher education institutions in contributing to human capital development?
12.40-13.40	LUNCH	

**SESSION 2 (conference room)**

	<b>ECONOMIC ISSUES AND OFFICIAL STATISTICS</b>	
	<b>CHAIRMAN: JAKUB FISCHER</b>	
13.40-14.00	Petr Musil, Jana Fischerová, Jaroslav Kahoun	Regional price levels in the Czech Republic: recent update
14.00-14.20	Lucie Plzáková	Local taxation of tourism during the COVID-19 pandemic and the war in Ukraine: a case study from the Czech Republic
14.20-14.40	Jiří Vopravil	Household surveys integration: income, consumption and wealth (ICW) concept
14.40-15.00	Alena Kaščáková, Miroslava Knapková, Miriam Martinkovičová	Dependent entrepreneurship - opportunity or necessity?
15.00-15.20	Zuzana Rigová, Katarína Vitálišová, Anna Vaňová	Can smaller towns be administrated smartly?
15.20-15.40	COFFEE BREAK	

<b>SESSION 3 (conference room)</b>		
	<b>ECONOMIC DEMOGRAPHICS &amp; DEMOGRAPHIC ECONOMICS</b>	
	<b>CHAIRMAN: EMÍLIA ZIMKOVÁ</b>	
15.40-16.00	Stanislaw Heilpern	Demographic characteristics of the silver generation
16.00-16.20	Joanna Dębicka, Edyta Mazurek, Elżbieta Stańczyk	Impact of COVID-19 on the income structure of the silver generation in Poland
16.20-16.40	Beata Zmysłona, Agnieszka Marciniuk	Analysis of differences in the living conditions of the "silver" generation, including pension and healthcare systems
16.40-17.00	Marie Šimpachová Pechrová, Ondřej Šimpach	Future life expectancy in the Czech Republic and pension reform
17.00-17.20	COFFEE BREAK	

<b>SESSION 4 (conference room)</b>		
	<b>STATISTICAL MODELS AND TECHNIQUES</b>	
	<b>CHAIRMAN: MARTIN BOĎA</b>	
17.20-17.40	Jana Cibulková, Dilmurat Dautov, Tomáš Karel	Notes on statistics in politics
17.40-18.00	Adam Čabla, Ivana Malá	On some properties of spliced models
18.00-18.20	David Zapletal	Competing risk models in default modelling
18.20-18.40	Ondřej Vozár, Luboš Marek	Real life application of randomized response techniques to estimation of population means: a case of Slovak and Czech wage data in 2016-2019
<b>19.30</b>	<b>CONFERENCE DINNER</b>	
<b>20.30</b>	<b>CELEBRATION OF THE 25TH ANNIVERSARY OF AMSE</b>	

<b>FRIDAY – 1 Sep 2023</b>		
07.30-09.00	Breakfast	
<b>SESSION 5 (conference room)</b>		
	<b>APPLICATIONS OF STATISTICS &amp; PENSION SYSTEMS</b>	
	<b>CHAIRMAN: ĽUBOŠ MAREK</b>	
09.10-09.30	Albert Gardoń	Container shipping in the economic crisis period 2007-2010
09.30-09.50	Jana Špírková, Silvia Zelinová	Amendment to the Act No. 43/2004 Coll. on old-age pension savings and risks associated with the payment phase
09.50-10.10	Anna Vallušová, Žaneta Lacová, Peter Laco	Modes of e-commerce usage and its socio-economic context
10.10-10.30	Peter Laco, Libor Majer, Marcel Baláž, Matej Uram	Business applications of the smart monitoring system
10.30-10.50	Petra Medvedová	Testing the profitability of a lifetime pension based on the amendment to Act No. 43/2004 Coll. on old-age pension savings and risks associated with the payment phase
10.50-11.10	COFFEE BREAK	

<b>SESSION 6 (conference room)</b>		
	<b>MACROECONOMIC MODELS &amp; HISTORY OF STATISTICS</b>	
	<b>CHAIRMAN: BEATA ZMYŠLONA</b>	
11.10-11.30	Rudolf Zimka, Mária Grausová, Miroslav Hužvár, Michal Mešťan	The impact of multi-dimensional model's critical parameters on the equilibrium's stability and the existence of limit cycles
11.30-11.50	Rudolf Zimka, Michal Demetrian, Emília Zimková	On some qualitative properties of a liquidity-growth model
11.50-12.00	Martin Boďa, Mariana Považanová, Jiří Škvor, Gabriela Nedelová	Regional Okun's law in the Visegrád Group countries
12.00-12.20	Prokop Závodský, Ondřej Šimpach	230 years of statistical theory in Bohemia

<b>12.20-12.40</b>	<b>CONFERENCE CLOSING</b>	
	Scientific Committee of AMSE	
13.00-14.00	LUNCH	
<b>14.30</b>	<b>DEPARTURE FOR THE TRIP (Lietava Castle)</b>	
19.30	DINNER	

<b>SATURDAY – 2 Sep 2023</b>	
07.30-08.30	Breakfast
<b>08.00</b>	<b>DEPARTURE FOR TRIP A</b>
<b>08.30</b>	<b>DEPARTURE FOR TRIPS B and C</b>
19.30	DINNER

Three whole-day trips to the Súľov Mountains (Súľovské skaly) are organized on Saturday 2 Sep 2023. The conference participant may elect one of these three options:

#### **TRIP A Whole-day walking trip**

Departure by cars (8.00) to the village of Lietavská Závadka, walk to saddle Roháčske sedlo, ridge trail to Gothic Gate, descent to cottage Chata Súľov, walk to cottage Koliba pod Skalami in Súľov (refreshments), ascent to cave Šarkania diera and Roháčske sedlo, descent to Lietavská Závadka, return by cars. Hiking length: 7.5 hours.

#### **TRIP B Excursion to the Wedding Palace in Bytča and half-day walking trip in Súľovské skaly**

Departure by cars (8.30) to the town of Bytča, half-hour excursion to the Wedding Palace (9:30-10:00), by cars to parking place by cottage Chata Súľov, hiking trip to view of Gothic Gate and ruins of Súľov Castle, descent to cottage Koliba pod Skalami in Súľov (refreshments), walk to parking place, return by cars. Hiking length: 3 hours.

#### **Trip C Excursion to the Wedding Palace in Bytča and walking trip in the surroundings of Súľov**

Departure by cars (8.30) to town Bytča, half-hour excursion to the Wedding Palace (9:30-10:00), by cars to the village of Súľov, walking trip in the valley with beautiful mountain sceneries to cottage Koliba pod Skalami (refreshments), walk to parking place, return by cars. Walking length: 2-3 hours.

<b>SUNDAY – 3 Sep 2023</b>	
07.30-10.00	Breakfast
10.30	Check out and departure