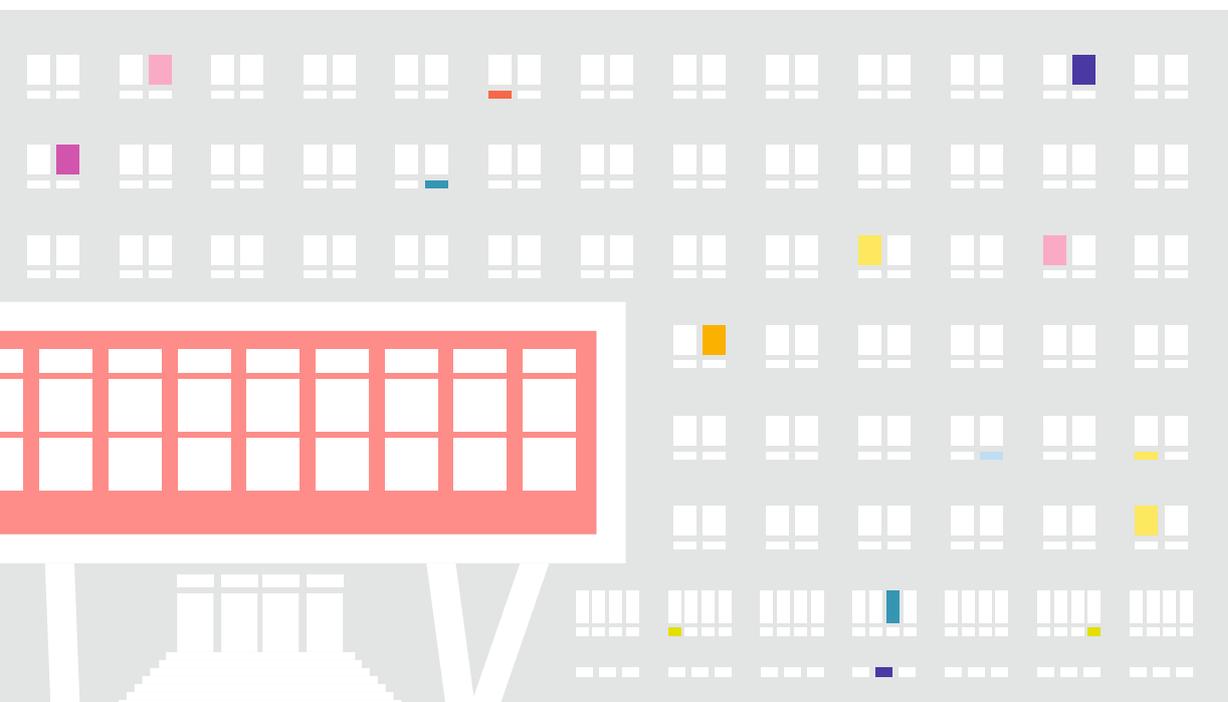


Technical University of Košice FACULTY OF ECONOMICS

ANNUAL REPORT 2020



TECHNICAL UNIVERSITY OF KOŠICE
Faculty of Economics

Technical University of Košice

Faculty of Economics

ANNUAL REPORT
2020

Contents

1	FOREWORD	5
2	BACKGROUND	6
3	FACULTY MANAGEMENT	8
4	DEPARTMENTS	9
4.1	DEPARTMENT OF ECONOMICS.....	9
4.2	DEPARTMENT OF FINANCE.....	9
4.3	DEPARTMENT OF BANKING AND INVESTMENT	10
4.4	DEPARTMENT OF REGIONAL SCIENCE AND MANAGEMENT	10
4.5	DEPARTMENT OF APPLIED MATHEMATICS AND BUSINESS INFORMATICS	11
5	RESEARCH PRIORITIES	12
6	RESEARCH PROJECTS	14
6.1	INTERNATIONAL R&D PROJECTS.....	14
6.2	NATIONAL R&D PROJECTS	19
6.3	INTERNATIONAL EDUCATIONAL AND OTHER PROJECTS	23
6.4	NATIONAL EDUCATIONAL PROJECTS AND DEVELOPMENTAL ACTIVITIES	27
6.5	PROJECT PROPOSALS SUBMITTED FOR FUNDING	29
6.6	RESEARCH ACTIVITIES OF STUDENTS.....	31
6.7	RESEARCH WORKSHOPS AT THE FACULTY OF ECONOMICS.....	31
7	STUDY PROGRAMMES	33
8	COOPERATION AND PARTNERS OF THE FACULTY	34
8.1	COOPERATION WITHIN SLOVAKIA	34
8.2	INTERNATIONAL COOPERATION	35
8.3	VISITORS TO THE FACULTY	39
8.4	VISITS OF THE FACULTY STAFF TO FOREIGN INSTITUTIONS	40
8.5	MEMBERSHIP IN NATIONAL AND INTERNATIONAL ORGANISATIONS, BOARDS AND COMMITTEES	42
9	HABILITATIONS AND INAUGURATIONS	46
9.1	HABILITATIONS.....	46
9.2	INAUGURATIONS	46
10	PHD. STUDY	47
10.1	INTERNAL PHD. STUDENTS AT THE FACULTY OF ECONOMICS.....	47
10.2	EXTERNAL PHD. STUDENTS AT THE FACULTY OF ECONOMICS	48
10.3	PHD. DEGREES AWARDED IN 2020	50
11	OTHER ACTIVITIES	51
12	FACULTY STAFF MEMBERS	53
13	PUBLICATIONS PUBLISHED IN 2020	67



13.1	BOOKS AND CHAPTERS IN BOOKS.....	67
13.2	JOURNAL PUBLICATIONS, CURRENT CONTENT	67
13.3	SCIENTIFIC ARTICLES IN JOURNALS REGISTERED IN WEB OF SCIENCE OR SCOPUS DATABASES	69
13.4	SCIENTIFIC PAPERS IN THE INTERNATIONAL AND DOMESTIC JOURNALS	73
13.5	INTERNATIONAL CONFERENCES.....	75
14	CONTACT INFORMATION	80

1 Foreword

Ladies and Gentlemen,

the year 2020 was another specific one. It was a pandemic one. We faced the challenge of turning into online space from one day to another. It was very difficult and we have to say that we were successful, despite several issues. Personal contact with each other, as well as with our students, was the main thing we missed. I am sure, that the level of quality of teaching process remained and our colleagues managed the whole process at the very good level..

The Annual report provides an overview of research related activities at the Faculty of Economics of the Technical University in Košice during the year 2020. The report provides information on the research priorities of the Faculty of Economics, a description of research and educational projects carried out by the Faculty staff members, and includes data on international cooperation of the Faculty. Information about the PhD. study, including information on PhD. theses, also indicates the orientation of the research activities at the Faculty. Finally, short CVs of the staff members and a list of selected publications published during the year 2020 complete the picture of our research and educational activities.



The Annual Report aims especially at universities, private and governmental institutions, abroad as well as in the Slovak Republic, interested in collaboration in the area of research, educational activities, as well as consultancy and advisory services. The Report also targets university graduates who would be interested in PhD. study at our Faculty.

The Faculty of Economics is putting emphasis on international cooperation in the area of research and education, trying to foster links with institutions in private and public sectors, and thus respond to their needs and to the needs of society in general. Hopefully, this Report gives at least some indication of this effort. All readers, whether interested in cooperation with the Faculty or simply willing to provide some feedback on the activities mentioned in this Annual Report, are kindly invited to contact us.

Michal Šoltés
dean

2 Background

The Faculty of Economics TUKE was established in 1992 within the process of transformation of the Technical University into a “full-fledged” university covering also non-technical disciplines, but mainly as a response to transformation of the Slovak economy into a market driven one, which led to the growth of the whole financial sector and to an increased demand for new types of financial services. This process has significantly increased the demand for experts in the fields of finance, investments, and banking. The Faculty is following recent trends in development towards Knowledge economy and Information society, focusing also on the application of financial, consultation, commercial and electronic services in economy and society. Topics of regional development are as well in the center of interest of the Faculty staff members.

Mission of the Faculty: To develop knowledge and provide high-quality, professional education in the field of economic sciences. To contribute to the development of society and shaping of the regional economy through the provision of research and consultation activities, continuing education and services for the local and regional communities.



Fig. 1: The Faculty of Economics, Technical University of Košice

Our Vision: The Faculty of Economics TUKE strives to be a sought-after faculty providing education in the spirit of democracy and humanism, leading students to tolerance and the capacity of critical and creative thinking, establishing conditions for free-ranging scientific research and dissemination of original and mediated knowledge, as well as systematically involving itself in international cooperation, so that the faculty can take its rightful place among the highest-quality faculties of economics in the unified Europe.

In order to fulfil this mission, the faculty fosters the spirit of democracy, tolerance and humanism, and supports critical and creative thinking among students. Innovation, quality, accountability, critical thinking and freedom of speech are the values which are shared by the staff of the faculty.



Fig. 2: The Technical University of Košice

3 Faculty Management

Dean:

Assoc. Prof. Michal Šoltés, PhD.

Telephone: +421-55-602 3276

Fax: +421-55-602 8046

E-mail: michal.soltes@tuke.sk

Vice-Deans:

Assoc. Prof. Rajmund Mirdala, PhD. Vice-Dean for Scientific and Research Activities & Doctoral Study

Telephone: +421-55-602 3290

Fax: +421-55-602 8046

E-mail: rajmund.mirdala@tuke.sk

Dr. Libuša Révészová, PhD. Vice-Dean for Educational Affairs

Telephone: +421-55-602 3566

Fax: +421-55-602 8046

E-mail: libusa.reveszova@tuke.sk

Assoc. Prof. Dr. Ján Buleca, PhD. Vice-Dean for External Relations & Development

Telephone: +421-55-602 2141

Fax: +421-55-602 8046

E-mail: jan.buleca@tuke.sk

Secretary of the Faculty:

Ing. Lenka Vejačková

Telephone: +421-55-602 3271

Fax: +421-55-602 8046

E-mail: lenka.vejackova@tuke.sk

4 Departments

The Faculty of Economics has five departments.

4.1 Department of Economics

The Department staff members are doing research in the field of fiscal and monetary policy, European monetary integration, exchange rates, macroeconomic imbalances, economic growth, global value chains, behavioral economics and optimization methods.

The Department offers courses in the following economic disciplines:

- on the Bachelor level: Microeconomics and Macroeconomics, National Economy, World Economy, History of Money, History of Economic Thinking, Economic Policy, European Integration, Input-Output Analysis, Advanced macroeconomic analysis, Advanced microeconomic analysis, Introduction to the study and writing of students' projects.
- on the Master level: Monetary Macro-analysis, International Trade Forms, Monetary Policy, Crises Management, Introduction to Economic Modelling, Behavioral Finance, Mathematical Economics.
- on the PhD. level: Advanced Macroeconomic and Microeconomic Theory, Monetary Macro-analysis, Theories and Models of Economic Growth, Theories of Public Finance.

The Department also offers courses in the following social science disciplines:

- Psychology, Sociology, Social Communication, Ethics and Communication, Diplomatic Protocol, Business Ethics, Geopolitics.

Department's staff participates in the following activities organized on the faculty level: Košice Economic Forum (KEF), double diploma programme (Université Côte d'Azur, France), Slovak-French University Institute.

Head of the Department: Assoc. Prof. Marianna Siničáková, PhD.

E-mail: Marianna.Sinicakova@tuke.sk

4.2 Department of Finance

Research activities of the Department are focused on the problems of effective allocation of financial resources and their use in economic regions and all entities of private, public, and non-profit sectors performing economic activities. Research at the Department is also focused on the analysis of small and medium-sized enterprises (SMEs) with emphasis on their financing in connection with the EU enlargement, the financing of local municipalities, fiscal reforms applied in the Slovak Republic and information sources for financial analysis and accounting.

The Department's teaching activities include Corporate Finance, International Finance, Taxes and Tax Systems, Finance and Currency, Financial Markets, Accounting and Auditing, Public Finance, Economic Policy and Financial Derivatives. The curriculum is a dynamic, keeping up with current trends and innovation in the area of finances. The Department is involved in several research projects.

Head of the Department: Assoc. Prof. Anna Bánociová, PhD.

E-mail: Anna.Banociova@tuke.sk

4.3 Department of Banking and Investment

The Department's research activities are focused on analysis of foreign direct investments, banking, actuarial science, business process measuring and business modelling, e-Business, trust building, applications of information technologies in SMEs and public sector (e-Business, e-Procurement, e-Government etc.) and data mining application in socio-economic problems. The Department staffs are involved in several international research projects aimed at socio-economic analysis of applications of information and communication technologies (ICTs) including eBusiness, as well as in national research projects focused on banking, e-Business – performance measuring, decision support systems, risk management, sectoral analysis and measuring competitiveness. Educational projects cover areas of e-Learning, training, and advisory services in e-Business management.

The Department offers courses in Banking, Central Banking, Management of Banking Operations, Fundamentals of Investment, Portfolio Management, Financial Derivatives, Actuarial Science, Risk and Uncertainty in Finance, Technical Analysis, Financial Decision-Making, and e-Commerce.

Head of the Department: Assoc. Prof. Jozef Glova, PhD.

E-mail: Jozef.Glova@tuke.sk

4.4 Department of Regional Science and Management

The Department of Regional Science and Management provides educational, research and expertise activities focused on Regional Development and Public Administration; Management and Marketing, Enterprise and Entrepreneurship, Innovation and Resilience, Cultural and Creative Industries and Sustainable Cities.

The Department is involved in several international and national research projects in the area of Regional Sciences, Public Administration, Management, Marketing, Enterprise and Entrepreneurship, Innovation, Clusters, Cultural Economics, Sustainability and Resilience of Regions. The Department participates also in several international educational projects mainly in the area of e-Learning, distance learning, life-long education, transfer of innovation, entrepreneurial education and partnerships in adults learning. These activities enhance the quality of the educational process and enable implementation of modern learning technologies and methods.

The Department supports student activities, e.g. organizing of the competition for high school students called Eurofondue since 2014 and supports the organizing of the Central European Conference on Regional Science.

The Department offers courses in Management, Public Management, Business Economics, Marketing, Law, Sustainable Development, Programme and Project Preparation, Project Management, Regional Economy and Policy, Public Economics, Public Administration Theory, Strategic Management and Planning, Regional and Municipal Marketing, Urban and Regional Planning, Innovation Policy, Spatial Economics, Regional Labour Market, Economics and Analysis of Municipal Companies, Local Development, Demographics and Forecasting, Municipal Politics, European Regional Policy, Argumentation and Academic Debate.

Head of the Department: Assoc. Prof. Peter Džupka, PhD.

E-mail: Peter.Dzupka@tuke.sk

4.5 Department of Applied Mathematics and Business Informatics

The Department's research activities are focused on the topic of the Information Society in the context of its impact on citizens, education and businesses, as well as the policy aspects and regulatory framework of electronic communication networks. Information sharing on web-based platforms and electronic financial services, e.g. implementation of e-banking and mobile payment systems are investigated as well. The Department is involved in several international and national research projects in the area of Enterprise and Entrepreneurship, Innovation. The Department staff work also as partners in several international educational projects mainly in the area of e-Learning, distance learning, life-long education, transfer of innovation, entrepreneurial education and partnerships in adults learning. Involvement in the research and educational project results into enhancement of provided educational process.

Courses offered by the Department are directed mainly towards application of mathematical and statistical methods and application of information technologies to economic and financial applications, namely Mathematics, Graph Theory, Statistical Methods, Informatics, Economic Information Systems, and Security of Electronic Communications.

Head of the Department: Assoc. Prof. Jozef Bucko, PhD.

E-mail: Jozef.Bucko@tuke.sk

5 Research Priorities

The Faculty management has identified four main research areas with the following priorities:

1. Finance, Banking, Investment
 - Taxation and its economic, political, social and demographic aspects
 - Financial health of households, small and medium enterprises (SMEs)
 - Financial, accounting and auditing theory in multidisciplinary applications
 - Economic and financial aspects of municipalities and regions performance
 - Performance, efficiency, competition and stability of commercial banks
 - Financial markets and strategies of efficient allocation of financial resources
 - Financial derivatives in private and public sectors
 - Agent based modelling (ABS)
 - Global value chains and trade with value added
 - Spend management, procurement, strategic sourcing
 - External imbalances and institutional changes in the Eurozone
 - Fiscal and monetary policy in the Eurozone

2. Business Informatics
 - Digital transformation of business processes, data mining, artificial intelligence in socio-economic environment and managerial decision-making
 - Proposal and development of data services and automatization of decision-making processes in electronic procurement and management of supply chains
 - Social innovations 4.0
 - Data based market analysis, market intelligence, behavioral patterns diagnostics and prediction
 - Socio-economic analysis of ICT applications
 - Information society – trends, economic and social aspects, socioeconomic evaluation of ICT applications
 - Trust and security in electronic commerce, digital identity, web-based marketing, e-business, e-procurement, e-banking, e-government, and e-health
 - Data-driven marketing, economic and financial efficiency of web domains and smartphone applications
 - Methodology and methods of economics and business process modelling
 - Digital single market development
 - Industry 4.0
 - Innovations in educational processes
 - Statistical support for a wide variety of research areas based on economic data (even big data), tourism, sport, medical care, etc.

3. Regional Science and Public Administration
 - Cultural economics, efficiency of cultural institutions, cultural participation and policy; culture, creative industries
 - Regional and urban development and adaptation to climate changes, local adaptation strategies
 - Public procurement and evaluation of its efficiency, modern concepts of public procurement (green, digital, etc.), efficiency of public finance
 - Municipal policy, assessment and evaluation of municipal processes
 - Public management, civil service
 - Migration, mobility (regional and urban), diversity and its economic and social benefits, population, migration and mobility behaviour

- Innovation, entrepreneurship and clusters, cluster and innovation policy
- Regional knowledge base, spatial distribution of knowledge base
- Marketing, management and its effects on efficiency of enterprises
- Preferences, values and standards of segregated minorities; segregation, social and spatial inequalities
- Location of economic activities and modelling
- Transport, land use and accessibility
- Creative and smart cities

4. Healthcare Economics

- Economic efficiency of the health system
- Health and social policy in Slovakia
- Health behavior and status of the population of marginalized and segregated communities
- Efficiency of prevention programs in the surveyed area of Slovakia
- Mortality in regions of Slovakia and its socio-economic determinants
- Aging of the Slovak population and its impact on health and social policy of the Slovak Republic
- Information, medical and communication technologies in healthcare
- Strategic management of the health system in Slovakia
- Economic metrics concepts for Strategic Framework of Slovak healthcare system

6 Research Projects

The Faculty of Economics, in cooperation with other universities, companies, financial institutions, public administration, regional and local governments, non-governmental organizations and organizations supporting regional development, participates in national and international research projects.

The research projects are funded from the following sources:

- EU R&D Programmes, especially the Horizon Programme;
- Grant agencies in the Slovak Republic: Scientific Grant Agency (VEGA), Slovak Research and Development Agency (APVV) etc.

6.1 International R&D Projects

<i>Project title:</i>	Opportunity ReCognition and Exploitation in a Circular Economy for RIS (ORCERIS)
<i>Supported by:</i>	H2020, EIRT, Raw materials
<i>Contract Number:</i>	17123
<i>Coordinator:</i>	Nataša Urbančíková
<i>Associated faculty:</i>	Oto Hudec
<i>Duration:</i>	2018 – 2020

Project description:

The ORCERIS project (funded by EIT Raw Materials) aims at increasing the success rate of new business ideas for the circular economy and raw materials. It does so by bringing together existing insights and tools for supporting entrepreneurs and firms in adopting circular ideas from 3 previous EIT Raw Materials KAVA projects, and by developing a training programme that those involved in innovation support services can integrate into their activities. Radboud University, VITO and Wuppertal Institute together develop a customized TTT workshop to share their best practices on entrepreneurial activities in the circular economy. Each of the two focal regions, Kosice and Budapest, will then conduct workshops for their target group ranging from start-up firms with a focus on circular business models to established SMEs who would like to explore which possibilities the idea of a circular economy might hold for them.

<i>Project title:</i>	Fostering Innovation in the Danube Region through Knowledge Engineering and IPR Management
<i>Acronym:</i>	KNOWING IPR
<i>Contract Number:</i>	<i>DTP2-076-1.1</i>
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Mojmír Prídavok
<i>Associated Faculty:</i>	František Janke, Miroslava Packová, Martin Dujčák
<i>Duration:</i>	2018 – 2021
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/knowing-ipr

Project description:

KnowLING IPR will improve framework conditions for innovation in the Danube region by developing a transnational KnowLING IPR platform, which will provide an open access tool for advanced intellectual property rights (IPR) analysis, and guidelines for improved and harmonized IPR policy framework across the Danube region. It will ensure broader and needs-based access to existing innovation and research results, to patents and to IPR knowledge and will encompass services and training for the management of IPR and for support to commercialization of research results and technology transfer.

<i>Project title:</i>	Strengthening Social Innovation and Entrepreneurial Spirit of Secondary Schools' Students by Using Highly Innovative Learning System
<i>Acronym:</i>	InnoSchool
<i>Contract Number:</i>	<i>DTP2-021-1.2</i>
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Mojmír Prídavok
<i>Associated Faculty:</i>	František Janke, Miroslava Packová, Michal Šoltés, Ján Buleca
<i>Duration:</i>	2018 – 2022
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/innoschool

Project description:

InnoSchool tackles the need for system change to support weak entrepreneurial culture and low engagement to social innovation and entrepreneurship. Its general objective is to strengthen social innovation and entrepreneurial spirit of secondary schools' students by development and introduction of highly innovative Learning System. InnoSchool Learning System (ILS) will be developed by using intensive learning interaction among project partners and using inclusive design process involving policy bodies, secondary schools, territorial business supporting actors and organizations working in social services. Its main uniqueness lies in two main innovations introduced for adolescents of age 17-18 years – (1) introduction of serious game for online simulations joined with teacher lecturing/guiding sessions to maximize educational impact through experiential learning and (2) social media and interschool competition inclusion to boost attractivity for students.

<i>Project title:</i>	Bringing Circular Economy to Peripheral Urban Centres
<i>Acronym:</i>	<i>CITYCIRCLE</i>
<i>Contract Number:</i>	<i>CE1515</i>
<i>Supported by:</i>	INTERREG Central Europe
<i>Local coordinator:</i>	Mojmír Prídavok
<i>Associated Faculty:</i>	František Janke, Martin Dujčák, Kristína Kočišová, Jozef Bucko, Róbert Hanzen, Peter Ťapák
<i>Duration:</i>	2019 – 2022
<i>Website:</i>	https://www.interreg-central.eu/Content.Node/CITYCIRCLE.html

Project description:

CITYCIRCLE is improving innovation capacities of peripheral urban centers of Central Europe by introducing the circular economy system to partner cities. Peripheral cities of Central Europe are marked by lack of innovation cooperation and lack of access to global innovation processes. Circular economy (CE) has been acknowledged as a development concept that should provide sustainable, resource efficient development and a great pool for innovation of new technologies, services, solutions and business models (EU Action Plan “Closing the loop”) to make our cities and regions better places to live and work. The main CITYCIRCLE objective is to utilize innovation potential of circular economy in cities through 1) setting-up quadruple-helix circular economy hubs in partner cities and to 2) equip them with the knowledge and tools so they will be able to design circular economy value-chains in their cities. Hubs will implement 3) pilot projects in the framework of respective S3 strategies to test developed tools, while 4) transnational value chains (supported by transnational marketplace for materials) will be defined in transnational CE strategy (transnational S3 implementation) to link local circular economy value chains and reach critical mass.

<i>Project title:</i>	Innovation Ecosystem for Smart Elderly Care
<i>Acronym:</i>	<i>I-CARE-SMART</i>
<i>Contract Number:</i>	<i>CE1516</i>
<i>Supported by:</i>	INTERREG Central Europe
<i>Local coordinator:</i>	Mojmír Prídavok
<i>Associated Faculty:</i>	František Janke, Martin Dujčák, Peter Ťapák, Róbert Hanzen
<i>Duration:</i>	2019 – 2022
<i>Website:</i>	www.interreg-central.eu/I-CARE-SMART

Project description:

Central Europe may catch up with European innovation leaders by working jointly on common priorities. Health & well-being of the elderly is a shared concern of I-CARE-SMART partners. They look at it not only as a societal challenge but also as an opportunity to promote growth. This calls for the development of innovative products & services meeting the special needs of the elderly, a notion often referred to as the silver economy. However, CE is still lagging to develop such products & services with active user involvement. I-CARE-SMART partners aim to bring innovation closer to senior citizens and create a structured collaboration framework centered around the users. Local/regional public authorities having strong links with seniors are well positioned to help this process. They can act as facilitators of innovation by mobilizing seniors and creating platforms where potential users can interact with innovators, voice their needs and provide feedback. Small businesses also have to gain enhanced capacities to access such platforms, which help them to develop highly marketable products & services. I-CARE-SMART delivers a comprehensive toolset with practical guidance on how to engage seniors and businesses in user-focused co-creation and open innovation. Based on the tools developed, a step-by-step process is launched to build new cooperation channels gradually. It starts with a co-creation-based needs assessment, then innovators are invited to present solutions to the revealed needs through the SilverStar Challenge. Development of solutions with user involvement is piloted via interactive co-creation sessions and living-lab-type real-life tests. Finally, the SilverStar Platform, a transnational open innovation platform opens the room for co-creation across borders. Through these steps, participants are “learning by doing” and get enabled to create lasting, structured collaboration within and among regional innovation ecosystems for smart elderly care.

<i>Project title:</i>	Virtual archaeological landscapes of the Danube region
<i>Acronym:</i>	Danube's Archaeological eLandscapes
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Contract Number:</i>	DTP641
<i>Local coordinator:</i>	Mojmír Prídavok
<i>Associated Faculty:</i>	František Janke, Martin Dujčák, Peter Ťapák, Róbert Hanzen
<i>Duration:</i>	2020 – 2022
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/danube-s-archaeological-elandscapes

Project description:

Danube's Archaeological eLandscapes project's major goal is to make the archaeological heritage, especially archaeological landscapes of the Danube region, regionally, nationally and internationally more visible and thereby more attractive for its integration into sustainable cultural tourism. The backbone of this task are the major museums of the region, setting their focus also beyond their own premises, i.e., in the most prominent archaeological landscapes of the Danube region. By involving state-of-the-art virtual reality (VR) and augmented reality (AR) technologies the museums, which are visited by the mainstream of tourists, will encourage the visitors to experience the heritage in its original landscapes not only in their own country, but also in countries of other partners.

<i>Project title:</i>	Enhancing climate innovation mindset in the education system of CEE
<i>Acronym:</i>	Edu- Research CEE
<i>Supported by:</i>	H2020 , EIT Climate KIC
<i>Contract Number:</i>	190725
<i>Local coordinator:</i>	Miriám Šebová
<i>Associated Faculty:</i>	Dana Pařová, Erika Liptáková
<i>Duration:</i>	2019 – 2020

Project description:

The project is focused on education in CEE. It combines two perspectives – the perspective of environmental education and the perspective of fostering creativity and innovation mindset during learning process. The countries of V4 were identified as particularly susceptible to the future based on their low innovation performance and insufficient entrepreneurship. In 2019 an overarching desktop research was conducted by 4 universities from V4 countries on the creativity and sustainability in education systems. The findings were summarized in the final report. The next stage of the project will focus on primary research based on survey and focus groups with teachers. The objective of the project is to identify the crucial factor which limit the creativity and holistic understanding of sustainability concept in education.

<i>Project title:</i>	Review of EU Cohesion Policy in Slovakia – Lessons from the past and priorities for the future
<i>Supported by:</i>	DG Regio
<i>Contract Number:</i>	2018CE16BAT145
<i>Local coordinator:</i>	Miriám Šebová
<i>Associated Faculty:</i>	Tomáš Źelinský, Matúš Kubák
<i>Duration:</i>	2019 – 2020

Project description:

The proposed project is based on an innovative mix of communication actions in cooperation of publishing houses (EURACTIV.sk and SME.sk) and academia. The project focuses on sectoral topics relevant for regional policy in Slovakia (Environment, Research and Innovation, Education

and Employment, Transport). Involved members of project team at TUKE are responsible for writing policy papers focused on critical issues on regional development. The next activity in the project is supporting the completion of Eurofondue.

6.2 National R&D Projects

<i>Project title:</i>	Economy model of the telecommunication network as an instantaneous part of the Internet of things
<i>Supported by:</i>	Slovak Research and Development Agency
<i>Contract Number:</i>	APVV 18-0368
<i>Coordinator:</i>	Vladimír Gazda
<i>Associated Faculty:</i>	Gabriel Bugár, Marek Gróf, Lenka Maličká, Marcel Vološin, Jana Zausinová, Martin Zoričák
<i>Duration:</i>	2019 – 2022

Project description:

Internet of things becomes a crucial technological paradigm to permeate every facet of mankind. There are expected significant changes not only in the utilization of the smart technological types of equipment but also in the functioning of the whole areas within the society. The mankind is approaching the state of the technological singularity, i.e., increasing interconnectedness of the smart machines will evoke boom of the economic growth that is expected to be highly unstable and would be followed by a sudden phase transition between various multi-equilibria states. It is evident that the scientific methodology based on the neoclassical approach interpreting just only stable equilibria state will not be capable of explaining new phenomena. The presented research will be focused on the instantaneous part of the IoT - the wireless communication network. Within the network, the scarce commodity called frequency spectrum is to be traded among various heterogeneous network participants. However, the seminal research of the Nyiato, Hossain, and others, published a few years ago, use standard methodological concepts like utility functions, demand and supply, profit, price, and various forms of the trade interactions like bargaining and auctions. So far, the authors mainly neglect the complex property of the communication networks functioning within the IoT. The ambition of the project is to propose and analyze the agent-based models of the IoT communication network capable of considering the new phenomena like phase transitions, multi-equilibria states, path dependence, self-organization, and the others, i.e., all the aspects that became the core of the complexity theory research.

<i>Project title:</i>	Success, Failure, and Aspirations of Children Living in Poverty
<i>Supported by:</i>	Slovak Research and Development Agency
<i>Contract Number:</i>	APVV-19-0329
<i>Coordinator:</i>	Tomáš Želinský
<i>Associated Faculty:</i>	Lata Gangadharan, Liang Choon Wang
<i>Duration:</i>	2020 – 2024

Project description:

Recent findings suggest that the poor often behave in less capable ways, which can make it more difficult to escape poverty. This may also lead to lower educational attainments, poor labour market outcomes, lower future income and wealth, vulnerability to shocks, and can result in a feedback loop that traps people in poverty. It is further believed that neighbourhoods influence behaviour, attitudes and values. Living in disadvantaged neighbourhoods is an important and significant predictor of low self-control in adolescence, which is associated with lower income levels in adulthood. Ultimately, being born into an environment of poverty can initiate processes that reinforce poverty and promote unfavourable behaviours. In this project, we focus on children living in poor (primarily segregated) communities. From early childhood, they observe socio-economic failures including poor living conditions, liquidity constraints, extremely high unemployment and low educational levels attained by adults. Ultimately, this can result in a fatalistic narrative – “it’s not worth trying” – which is prevalent in societies that experience ongoing failures and are characterized by low effort. In this project we focus on aspirations as a possible

element that can help to break the poverty cycle. The rationale behind the hypothesis is that living in poverty is likely to be a cause of failure to aspire to one's own potential, and low capacity to aspire is one of the potential causes of persistent poverty. The main goals of the project are to design a novel approach to the experimental elicitation of aspirations and aspirational biases, and, using modern research methods from experimental and behavioural economics, investigate how exposure to failure/success environments can explain and enforce/reduce aspirational biases. The secondary objective is then to develop a set of interventions aimed at offsetting aspirational biases.

Project title: **Economic and social indicators of quality of life in cities**
Supported by: Scientific Grant Agency (VEGA)
Contract Number: VEGA - 1/0453/19
Coordinator: Oto Hudec
Associated Faculty: Nataša Urbančíková, Iveta Korobaničová, Tomáš Želinský
Duration: 2019 – 2021

Project description:

Multi-dimensional concepts such as quality of life or social well-being cannot be defined in the usual direct way. The justification of their key aspects (domains) is required, and composite indexes composed of domains containing indicators corresponding to the theoretical concept are the most widely used for analyzing spatial differences in the quality of life of the population. The quality of life considers economic and social factors as well as the external environment (city) for the life of the individual. The project shall propose new economic and social indicators of measuring the quality of life. Statistical and econometric methods (factor analysis, regression models and clustering methods) are used to explore the spatial context of quality of life in European space. An in-depth analysis of the socio-economic and systemic structure of European and Slovak cities makes it possible to understand the mechanisms of urban prosperity in relation to the quality of life. The results create an analytical basis for the development of Slovak cities by revealing the problematic aspects of quality of life and development.

Project title: **Development of methodological platform for evaluation of efficiency in the financial and non-financial sector**
Supported by: Scientific Grant Agency (VEGA)
Contract Number: VEGA - 1/0794/18
Coordinator: Kristína Kočíšová
Associated Faculty: Radovan Dráb, Alena Mojsejová, Peter Šugerek, Jakub Sopko, Adriana Novotná, Michaela Kavčáková, Eva Petrová, Tomáš Bindzár
Duration: 2018 – 2020

Project description:

The proposed project fills the gap in current empirical literature focused on the evaluation of the efficiency in the financial and non-financial sector, based on the application of „new“ DEA models. The research will be carried out in several areas. Firstly, the existing theoretical concepts of efficiency assessment in the financial and non-financial sector and ways of defining input and output variables will be studied, focusing on examining the shortcomings of the original DEA models. Secondly, the „new“ DEA models will be theoretically defined to address the shortcomings found in the original DEA models. Thirdly, the efficiency will be evaluated on the selected sample, which will serve to apply the above models in practice. Last but not least, a methodological platform for evaluating efficiency based on the use of the R software will be developed. A manual of scripts will be developed with a detail description of the used methods, which will serve to solve the research tasks for researchers and students.

Project title: **Perzistencia v inflácii, cenová stabilita a výkonnosť eurozóny**
Supported by: Scientific Grant Agency (VEGA)
Contract Number: VEGA 1/0793/19
Coordinator: Rajmund Mirdala
Associated Faculty: Marianna Siničáková, Julia Ďurčová, Veronika Šulíková, Ľubica Štiblarová, Leoš Šafár, Zuzana Čarnogurská.
Duration: 2019 – 2021

Project description:

Change in the perception of price stability is one of the key implications affecting monetary policy conduction since the recent economic crisis. Deflationary or disinflationary pressures that slow already modest inflation that is crucial for economic growth together with low effectiveness of the monetary policy measures to stimulate higher inflation brought the attention of economists to the problem of inflation persistence. Its presence undermines the success of monetary authorities in achieving stable inflation, especially in periods when inflation deviates from its target. The main aim of the project is to quantify the degree of inflation persistence and its structural characteristics in Euro Area member and non-member countries. Understanding the persistence in inflation in large number of countries while taking monetary and economic fundamentals into account will allow us to revise current monetary policy framework of the Euro Area and propose different alternatives of its adjustments.

Project title: **Decision Support Systems and Business Intelligence within Network Economy.**
Supported by: Scientific Grant Agency (VEGA)
Contract Number: VEGA - 1/0201/19
Coordinator: Martin Vejačka
Associated Faculty: Jozef Bucko, Dana Paľová, Július Czap, Peter Šugerek, Libuša Révészová, Radovan Dráb, Emil Exenberger
Duration: 2019 – 2021

Project description:

The project focuses on the research of Decision Support Systems as part of Business Intelligence within the network economy between economic entities linked within the structure of the economic network. The aim of the project is to investigate the factors and mechanisms that influence the behavior of subjects when deciding to undertake a certain economic activity and its economic impact. The basic influence factor of relations between network economy is trust in the given environment. Through the modeling of processes and relationships between entities in a given structure, we will analyze the extent of their impact on these systems and its determinant parameters. Research will use methods of data mining, digital metadata analysis, graph theory and statistical-econometric methods.

Project title: **System Implications of the Fourth Industrial Revolution and Adaptation Processes of the Information Society (Economic, Technological and Cultural Aspects)**
Supported by: Scientific Grant Agency (VEGA)
Contract Number: VEGA - 2/0002/19
Coordinator: Alena Mojsejová
Associated Faculty: Tomáš Želinský, Erika Liptáková
Duration: 2019 – 2021

Project description:

The present time is characterized by a combination of many fundamental changes in the economy and society. The first is the Fourth Industrial Revolution, the next is the use of artificial intelligence technology

and smart technology. The technical revolution shows the need for the necessary changes in society and economy (digitization, sharing, shrinking the economy), otherwise new technologies will not produce the expected effects for the economy and society. The basic direction of the research is a combination of processes of change in the technical aspects of production, the size and quality of consumption, the field of objectives and the functioning of the society. It will also include the identification of the polarization tendencies, income and wage inequalities in relation to changes in consumption and employment including at the regional level of the SR. The aim is to find out what the level of the society's plasticity is, which is a basic prerequisite for defining flexibility and adaptive processes.

Project title: **Investment decision-making of investors in the context of effective corporate taxation**

Supported by: Scientific Grant Agency (VEGA)

Contract Number: VEGA - 1/0430/19

Coordinator: Alena Andrejovská

Associated Faculty: Jozef Glova, Anna Bánociová, Lucia Mihóková, Slavomíra Martinková, Darya Dancáková, Veronika Konečná, Martina Regásková, Michala Inkabová, Leoš Šafár, Oleg Kováč.

Duration: 2019 – 2020

Project description:

The project deals with issues to provide a conceptual view of the field of effective corporate taxation and its impact on investment decision making. It defines logical rules based on accrual and tax principles that are crucial to the effective allocation and scale of investments. The aim is to develop a methodology that will allow to define effective taxation as a key attribute determining the required return on investment. The methodology and results of the application in the conditions of the Slovak Republic will enable, on the one hand, to better understand the impact of real taxation in determining the desired profitability and hence the value of the investment and, on the other hand, to eliminate the frequent value deficiency in applying the statutory tax rate instead of the effective tax. An important aspect is the subsequently created tax shield and tax savings for the selected type of investment.

Project title: **The socioeconomic valuation and measurement of economic efficiency of cultural institutions focused on museums and galleries in Slovakia.**

Supported by: Scientific Grant Agency (VEGA)

Contract Number: VEGA - 1/0806/18

Coordinator: Miriam Šebová

Associated Faculty: Iveta Korobaničová, Peter Džupka, Lenka maličká, Erika Liptáková, Zuzana Révészová, Tatiana Soroková, Barbora Tóthová

Duration: 2018 – 2020

Project description:

The main objective of the project is to analyze the socio-economic contributions of culture, to evaluate the economic efficiency of museums and art galleries and to formulate the methodology for their assessment. The project will be organized at various stages. The first stage will focus on case studies concerning the evaluation of socio-economic contributions of selected museums and art galleries by employing the methods of valuating nonmarketable goods (e.g., WTP). The economic efficiency of museums and art galleries located in the Slovak republic will be analyzed by DEA analysis during the second stage. The third stage will be based on the questionnaire outputs gathered by museums and galleries visitors. Combining the above-mentioned approaches, the input data will be obtained in order to create the methodology related to the assessment of socio-economic efficiency of museums and art galleries in Slovakia.

6.3 International Educational and other Projects

<i>Project title:</i>	EU Public Procurement
<i>Acronym:</i>	EUPP
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	600477-EPP-1-2018-1-SK-EPPJMO-MODULE
<i>Coordinator:</i>	Tomáš Malatínek
<i>Duration:</i>	2018 – 2021

Project description:

The Module **EU Public Procurement** contains teaching and research activities focused on EU public procurement. Academic added value stems from introduction of special content focusing on legal, administrative, economic and environmental aspects of EU public procurement policy into economic study programs. The module is designed for students who are not directly connected to the EU integration studies. The module strives to prepare professionals skilled in EU public procurement by providing professional education and research. Outputs will be available for anyone who might be interested. The module also promotes first teaching and research activities in the field of EU integration studies for young teacher/researcher. The module delivers tailor-made course on specific EU topic relevant for students and practitioners in their professional life.

<i>Project title:</i>	Tracking Learning and Career Paths of VET graduates, to improve quality of VET provision
<i>Acronym:</i>	ON TRACK
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2018-1-SK01-KA202-046331
<i>Coordinator:</i>	<i>Oto Hudec</i>
<i>Associated Faculty:</i>	<i>Nataša Urbančíková</i>
<i>Duration:</i>	2018 – 2020

Project description

The project “On Track” aims to develop a tracking system for VET graduates of initial vocational education and training schools and institutes. The tracking system will gather qualitative and quantitative data from VET graduates, related to further education, employment, career paths, skills and competences required in the labour market, etc., with the aim to provide feedback to the quality assurance system of the VET provider and inputs to the design of VET qualifications and programmes, planning and implementation of learning processes, additional services, such as vocational guidance, support to VET students, networking with labour market, provision of work-based learning.

<i>Project title:</i>	Reforming Master Programmes in Finance in Armenia and Moldova
<i>Acronym:</i>	REFINE
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	585784-EPP-1-2017-1-AT-EPPKA2-CBHE-JP
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec, Vladimír Gazda, Jozef Glova, Radoslav Tušan, Peter Džupka
<i>Duration:</i>	2017 – 2020

Project description

REFINE addresses the need for reform of study programmes in Finance with regard to contents and teaching methodologies / pedagogical approaches. Moreover, it addresses the demand for

alignment of study programmes with labour market demands to provide the Armenian and Moldovan economies with highly skilled graduates in Finance.

Against this background, the wider objective of REFINE is to enhance the quality and relevance of six existing Master (MA) programmes in Finance in Armenia and Moldova through targeted reforms.

The specific objectives are:

1. To reform six existing MA curricula in Finance taking into account the latest international developments in the subject area
2. To promote the quality and relevance of the MA programmes through the development of updated and new course materials
3. To further develop the competences and skills of teaching staff through training courses in innovative teaching methodologies and current topics in Finance
4. To increase the alignment of the MA programmes with labour market requirements

<i>Project title:</i>	Reinforce entrepreneurial and digital skills of students and teachers to enhance the modernization of higher education in MOLDOVA
<i>Acronym:</i>	RESTART
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	585353-EPP- 1-2017- 1-RO- EPPKA2-CBHE- JP
<i>Local Coordinator:</i>	Peter Džupka
<i>Associated Faculty:</i>	Radovan Dráb, Iveta Korobaničová, Slávka Klasová, Tomáš Malatínec, Miriam Šebová, Nataša Urbančíková, Oto Hudec, Dana Pařová, Martin Vejačka, Tomáš Štofa
<i>Duration:</i>	2017 – 2021

Project description

Wider objective of the Restart project is to ensure modernization of curricula of 5 Higher education Institutions from Moldavia through developing, testing, and adaptation of improved and upgraded Entrepreneurial Curriculum (master level) that stimulate innovation skills of students and teachers toward a stronger local business capacity.

<i>Project title:</i>	Regions in Europe Coordinate and Optimize innovation and competitiveness policy instruments towards improving the sustainability of transport - study case of SMEs in the railway sector
<i>Acronym:</i>	RECORD
<i>Contract Number:</i>	PGI05377
<i>Supported by:</i>	European Commission
<i>Local Coordinator:</i>	Mojmír Prídavok
<i>Associated Faculty:</i>	Miroslava Pačková, Martin Dujčák, Peter Bindzár
<i>Duration:</i>	2018 – 2020

Project description:

Europe has always been a step ahead regarding sustainable transport mode in comparison with the rest of the world and Europe has developed valuable expertise and innovation in the railway sector. That is why, railway is identified in many RIS3. However due to a fierce competition from emerging industries, the whole sector and especially SME are facing big challenges regarding their competitiveness (price based vs. innovation-based competitiveness). To tackle this challenge, regions with the help of the EC, put efforts to encourage R&I joint activities (triple helix concept) by offering innovation delivery support in the ERDF OP (direct findings, cluster policy...). Other initiatives have been launched towards the railway sector, but it has been pointed out that SME have specific issues due to the way public transport works, the specificities of its value chain and its market structure (few big companies with thousands of SMEs, few profit margin, low innovation culture, etc.). Taking this into consideration, the RECORD project aims at helping SME

to invest more and better in innovation activities by redesigning the regional policy instruments. To do so, we plan individual work to be compared with partnering regions and analysed. Benchmark and brainstorming sessions with local stakeholders will help draw proven oriented conclusions and develop new approaches together. To have comparability and to be able to share experiences and learn from each other, it is key to admit regional policy structure, industrial environment and clusters differences. Stakeholders' engagement in this project is very important as it will be the first-time managing authorities, clusters, businesses, universities, other funding organizations, regions etc. are working together early in the political process in the railway sector. This lends credibility and builds solid foundation to develop a framework that will be accepted for implementation.

<i>Project title:</i>	Network for Inter-Institutional Cooperation in Entrepreneurial Education
<i>Acronym:</i>	NICE
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2020-1-CZ01-KA201-078488
<i>Local Coordinator:</i>	Jozef Glova
<i>Associated Faculty:</i>	Alena Andrejovská, Manuela Raisová, Leoš Šafár, Jozef Bucko
<i>Duration:</i>	2020 – 2023

Project description

NICE - Network for Inter-Institutional Cooperation in Entrepreneurial Education is a project created to support the school education through activities supporting entrepreneurial competences among secondary school students. ECo is understood as an ability to use opportunities and ideas and transform them into values for others. The core of ECo is creativity, critical thinking, problem solving, initiative, persistence, ability to cooperate towards to plan and manage projects with cultural, social or commercial value. Business skills are based on creativity containing imagination, strategic thinking, problem solving, critical and constructive reflection in the frame of developing creative processes and innovations. It is required to have skills both to work individually, and in teams, to mobilize resources (human/stuff) and persist in performing the activity. It also includes ability of decision-making dealing with finance - decisions about costs and values (EC, 2018 – recommendations on key competences). The key area is to support the skills mentioned above and this is where the partners of the project (universities from 4 different countries) aim their activities. Although the universities work with university students, thanks to the cooperation with secondary schools and this project, they can work with and influence also SS students. Activities can be represented mainly as:

- Development and realization of lectures in economic sciences (finance, management, accounting, marketing, business economics).
 - Development and realization of competitions for secondary school students in economic topics.
 - Cooperation among educational activities.
 - Organization of university activities aimed at secondary school students (open days, etc).
-

<i>Project title:</i>	Art & Creative Craft Enterprises for Successful Streaming of 3D Printing
<i>Acronym:</i>	ACCESS-3DP
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2020-1-FR01-KA202-080183
<i>Local Coordinator:</i>	Mojmír Prídavok
<i>Associated Faculty:</i>	František Janke, Miroslava Packová, Martin Dujčák
<i>Duration:</i>	2020 – 2023



Project description:

A partnership composed by education, business representatives and research will develop approaches to training people in the creative industries that promote that creativity, alongside entrepreneurial thinking and skills for applying innovative ideas in practice. It is vital for anyone working industries that may apply 3D printing, to understand the "value chain of 3D printing" and how it may evolve over time. An insight needs to be given on where in the chain value is added, and how. ACCESS-3DP training materials will empower students to successfully enter the market, and/or to successfully sustain their business.

6.4 National educational projects and Developmental activities

Project Title: **Management System for Quality, Efficiency and Economic Effectiveness at the Faculty of Economics (QMS-EkF)**
Project manager: Radoslav Bajus

Aims:

1. Quality management system in line with STN EN ISO 9001:2016.
2. Management of quality, efficiency and effectiveness according to the EFQM excellence model for universities.

Expected outcomes:

1. Implementation of the Quality Management System in accordance with STN EN ISO 9001:2016.
2. Self-evaluation and performance management based on the European Foundation for Quality Management – EFQM Excellence Model.
3. To achieve Performance Competitiveness based on the Six Sigma model as used in the European Union.

Activities carried out in 2016—2020

1. Internal re-certification audit provided by TUV NORD Slovakia, s.r.o.
-

Project Title: **Preparation and Delivery of the Mathematics Course**
Project manager: Libuša Révészová
Project implementation period: February 2020 – March 2020

The aim of the project: Preparation and delivery of Course on Mathematics for applicants for the study at the Faculty of Economics. Expected outcomes: Providing a good preparation for entry exams for applicants for the study at the Faculty of Economics and promotion of the Faculty of Economics.

Project Title: **Support of French Two Degree Programme at the Faculty of Economics, TUKE**
Supported by: Slovak-French University Institute (SFUI/IUFS)
Project Coordinator: Ľudmila Bartóková
Associated Faculty: Júlia Ďurčová, Marianna Siničáková, Valentine Bidault
Project implementation period: 2020 – 2021

The aim of the project is to promote French Two Degree programme at the Faculty of Economics, TUKE among secondary school students. The project is based on interactive activities for students and teachers involving collaboration with current Faculty students of the programme. The project is realised within cooperation with Slovak - French University Institute.

Project Title: **Preparation and Realisation of the Distance Learning Bachelor and Master Courses in the area of Finance, Banking and Investment and Public Administration and Regional Development**
Project manager: Dana Paľová

- The aim of the project: Implementation and delivery of distance on-line bachelor and master courses at the Faculty of Economics.



- Project milestones:
- Retraining of teaching staff interested in the project,
- Preparation of on-line courses content for bachelor and master study programmes, Finance, Banking and Investment,
- Implementation and realization of blended learning (a combination of the face-to-face study supplemented with a distance education component) using LMS Moodle.
- The outcome of the project is improvement of the quality of part-time study at the Faculty.

6.5 Project proposals submitted for funding

During the year 2020 the Faculty staff members have been working on new project proposals which have been submitted within the calls for proposals published either by the European Commission or national research agencies. The following project proposals were successful or are still under consideration of respective authorities:

Project title: **COMPASS – Leading Ulyseus to become a European University Excellence model through research and innovation**

Supported by: European Commission

Contract Number: 101035809 (H2020 SWAFS)

(Local) Coordinator: Radoslav Delina

Duration: 2021 – 2024

Project title: **DigitalSoftSkills @ Ulyseus**

Acronym: D2S @ Ulyseus

Supported by: European Commission – Erasmus+

Contract Number: 2020-1-FR01-KA226-HE-095221

Local Coordinator: František Janke

Associated Faculty: Marianna Siničáková, Michal Šoltés, Mojmír Prídavok, Martin Dujčák, Katarína Valentová, Manuela Raisová

Duration: 2021 – 2022

Project title: **Mapping Open Virtual Exchanges in Slovak Universities**

Acronym: MOVE

Supported by: Ministry of Education, Science, Research and Sport of the Slovak Republic

Local Coordinator: Radovan Hudák

Associated Faculty: Natália Vašková, Jaroslav Porubán, Marianna Siničáková, Peter Fecil'ak

Duration: 2021

Project title: **The research of behavioral patterns using big data within public and commercial procurement with negative impact on efficiency of procurement processes**

Supported by: The Slovak Research and Development Agency

Contract Number: APVV-20-0608

(Local) Coordinator: Radoslav Delina

Duration: 2021 – 2024

Project title: **Economic Impact and Competitiveness of Shared Services & Business Process Outsourcing Centers and the IT sector in the Slovak Economy**

Supported by: Scientific Grant Agency (VEGA)

Contract Number: VEGA–1/0617/21

Coordinator: Marianna Siničáková

Duration: 2021 – 2023

Project title: **Analysis of Economic Perspectives of Industry 4.0 in Terms of the Impact of Intangibles on the Profitability and Market Value of Industrial Companies**

Supported by: Scientific Grant Agency (VEGA)

Contract Number: VEGA–1/0673/21

Coordinator: Jozef Glova

Duration: 2021 – 2023

<i>Project title:</i>	The Role of EU Cohesion Policy Externalities in Mitigating Effects of Upcoming Crisis
<i>Supported by:</i>	Scientific Grant Agency (VEGA)
<i>Contract Number:</i>	VEGA–1/0394/21
<i>(Local) Coordinator:</i>	Ľubica Štiblárová
<i>Duration:</i>	2021 – 2023
<i>Project title:</i>	Recovering food chain circular system values
<i>Supported by:</i>	European Commission
<i>Contract Number:</i>	H2020-LC-GD-2020 (ID 101037018)
<i>Coordinator:</i>	Mojmír Prídavok
<i>Duration:</i>	2021 – 2024
<i>Project title:</i>	Thriving Communities: Resilient Regions of SE Europe
<i>Supported by:</i>	European Commission
<i>Contract Number:</i>	H2020-LC-GD-2020 (ID 101036540)
<i>Coordinator:</i>	František Janke
<i>Duration:</i>	2021 – 2024
<i>Project title:</i>	The use of analytical tools to detect manipulation in the financial statements of state and local government entities in the context of a true and fair view of accounting
<i>Supported by:</i>	Scientific Grant Agency (VEGA)
<i>Contract Number:</i>	VEGA-1/0866/21
<i>(Local) Coordinator:</i>	Radoslav Tušan
<i>Duration:</i>	2021 – 2022
<i>Project title:</i>	Holistic Education and Training of University Teachers in Field of Economics
<i>Supported by:</i>	Cultural and Educational Agency (KEGA)
<i>Contract Number:</i>	053TUKÉ-4/2021
<i>(Local) Coordinator:</i>	Miriám Šebová
<i>Duration:</i>	2021 – 2023
<i>Project title:</i>	Assessment of the level of financial control in municipalities
<i>Supported by:</i>	Scientific Grant Agency (VEGA)
<i>Contract Number:</i>	VEGA–1/0367/21
<i>(Local) Coordinator:</i>	Lenka Hudáková Stašová
<i>Duration:</i>	2021 – 2023

6.6 Research Activities of Students

Students of the Faculty are involved in the research activities as well. Faculty organizes a competition of students' research activities on annual basis. The competition aims to promote and attract students to participate collectively in small teams in preparing small professional projects. As a result, activity examines the ability of students to think, write and express, present and collaborate. The main objective of the competition is to create conditions and environment for the scientific and professional work of students, to stimulate the individual development of creative abilities and talent of students, as well as to support discussion and active presentation of the results of the work focused on economic science and their benefits for practice. The competition is organized for all faculty students except for PhD. students. The winners at the Faculty level are nominated to national and international student competitions.

Best Semestral Project competition

The competition is organised for students of EkF TUKE on Bachelor and Master degree. Students present their semestral projects from different courses. The challenge is to present the topic in a creative and interesting way in 5 minutes to engage the audience who decides who will be the winner. The audience is made up of students and teachers from the TUKE Faculty of Economics who vote for the winners. The students can participate individually or collectively in small teams. The competition examines the ability of students to think, express and present to engage the audience — get them interested, give them a reason to listen. The main objective of the competition is to stimulate the individual development of creative abilities and to support active presentation of the results of the work focused on economic science.

6.7 Research Workshops at the Faculty of Economics

In 2020 the Faculty of Economics has organized workshops with the idea to disseminate knowledge and experience with educational and mobility project activities. Activity has attracted the staff of the faculty that, as a result, contributed to fulfilling its mission generally described as a sharing of best practices, improving skills and enhancing educational and mobility project activities at the faculty.

The key topic of the workshop, organized in October 2020, was to highlight and discuss the key skills, abilities and competencies that are necessary for educational and mobility projects. The main idea of the workshop was to disseminate the key knowledge and experience of the project leaders associated with the crucial know-how to elaborate high quality project proposals. New ideas shared by project leaders aimed not only to promote the most attractive topics for educational and mobility projects but also to strengthen collaboration among project team members and interdisciplinarity of project teams.



Fig. 3: Educational and Mobility Workshop, October 2020

7 Study Programmes

The Faculty of Economics offers study in two accredited Study Programmes: “Finance, Banking & Investments” and “Economy & Management of Public Administration”.

Study Programmes:

Finance, Banking and Investment: Professional profile of the graduates corresponds to the requirements of financial institutions (e.g., banks, insurance, audit and investment companies) and enables them to apply for managerial positions in public and private sectors. The Faculty offers degrees on: a) Bachelor level (on average three years of study); and b) Master level (another two years of study). PhD. study programme is offered in the scientific branch Finance.

Economics and Management of Public Administration: The programme is designed to prepare students for professional and managerial positions in public agencies, governmental departments and administrative entities and non-profit organizations offering knowledge in economics, regional science and public administration. Bachelor and Master study is provided in the study Programme Economics and Management of Public Administration. The corresponding PhD. study programme has been renamed to Spatial and Regional Economics.

In the academic year 2019/2020 847 full-time Slovak students, 18 international students, 52 part-time bachelor- and master-level students, and 35 internal and 30 external PhD. students study at our Faculty of Economics.

8 Cooperation and Partners of the Faculty

8.1 Cooperation within Slovakia

Along with successful international cooperation, the Faculty has developed good links with banking and financial institutions in the region as well as with other potential employers of its graduates. Their representatives are members of the Scientific Board of the Faculty and members of the final state examination committees; they contribute to the educational programmes and are involved in the Faculty's research activities. The Faculty of Economics is a trustworthy partner in further education and other services provided to the financial and business sectors, as well as to public administration and local government bodies.

During the year 2020 the Faculty cooperated for example with the following institutions in Slovakia – SLSP, a.s.; VÚB banka, a.s.; DDP Stabilita, a.s.; Institute of Health Policies of the Ministry of Health in the Slovak Republic, National Health Information Center, The Office of the Government Plenipotentiary for Roma Communities, CRIF – Slovak Credit Bureau, s. r. o., Development Agency of Presov Self-governing region; Office of Kosice Self-governing region; Agency for the Support of Regional Development, Košice, KMPG, Embraco, Staffino, Challengest, IBM, KPMG, US Steel, a.s., Institute of Nuclear and Molecular Medicine in Košice, Government Office of the Slovak Republic, Slovak Chamber of Commerce and Industry, Slovak Chamber of Tax Advisors.

We have a special cooperation with firms and businesses, which provide lectures, workshops and internships for students of our Faculty. We really appreciate cooperation with T-Systems Slovakia, a.s. (in addition to many events, a new lecture room was financed and arranged within this cooperation), which is very long and successful. During years 2018 till 2020, strong cooperation with DTSE Europe Slovakia, LYNX, s.r.o., Tatrabanka, a.s. and Kooperatíva, a.s. has developed.

Cooperation with The Slovak Academy of Science

Our Faculty has a long tradition in cooperation with the Institute of Economic Research of Slovak Academy of Science. In addition, a Memorandum on cooperation between our Faculty and the Institute was signed at the end of year 2017. This agreement sets up better conditions for future development of this cooperation in the field of common economic research.

Cooperation with the Office of the Civil Service Council

The Faculty signed the Agreement about cooperation with the Office of the Civil Service Council. The Members of Civil Service Council hold the lecture for students of the study program Economics and Management of Public Administration. The experts of Faculty were actively involved in survey with civil servants, and they advised the Report on the current situation and development of civil service in the year 2018, which was agreed in Slovak Parliament in 2019.

8.2 International Cooperation

The Faculty has been involved in extensive international cooperation, which logically has led to the preparation and implementation of several joint international projects.

The Faculty is involved in the Erasmus+ program supporting student mobility among universities in the EU member countries. Since 2016, Faculty has been developing cooperation also with non-EU partners within ERASMUS+ KA107 program. Faculty has concluded bilateral agreements for student and teacher exchange with the following partner universities:

- University of Wuppertal, Germany
- University of Applied Sciences, Frankfurt am Main, Germany
- Berlin School of Economics and Law, Germany
- University Côte d'Azur, Nice, France
- University of Strasbourg, France
- University of Versailles Saint-Quentin-en-Yvelines, France
- Ecole de Management de Normandie, Le Havre, France
- Catholic University of Lille, France
- Graduate School of Engineering, ECE Paris, France
- Charles University, Prague
- University of Milan–Bicocca, Italy
- University of Calabria, Italy
- Link Campus University, Rome, Italy
- University of Castilla La Mancha, Spain
- University of Valencia, Spain
- Polytechnical University of Cartagena, Spain
- Business and Economics School, Lisbon, Portugal
- Lusófona University, Lisbon, Portugal
- University of Pardubice, Czech Republic
- VSB–Technical University of Ostrava, Faculty of Economics, Ostrava, Czech Republic
- Karol Adamiecki Academy of Economics, Katowice, Poland
- Polonia University, Czestochowa, Poland
- University of Rzeszow, Poland
- Economic University of Wroclaw, Poland
- College of Management, Wroclaw, Poland
- Selcuk Universitesi Konya, Turkey
- Yildirim Beyazit University, Ankara, Turkey
- Afyon Kocatepe University, Afyonkarahisar, Turkey
- University of Karabuk, Turkey
- Istanbul Teknik Universitesi, Istanbul, Turkey
- Petru Maior University of Targu Mures, Romania
- University of Oradea, Romania
- University of Maribor, Slovenia
- Karl-Franzens University, Graz, Austria
- Budapest Business School, Hungary
- Budapest University of Technology and Economics, Hungary
- University of Miskolc, Hungary
- Vilnius Gediminas Technical University, Lithuania
- Technical University of Riga, Latvia
- University of Tartu, Estonia
- Tsenov Academy of Economics, Bulgaria

- Higher Education Institution of Province of Liège, Belgium
- Amity University Haryana, Gurgaon, India
- Belgrade Banking Academy, Belgrade, Serbia
- International Institute of Management IMI-Nova, Chisinau, Moldova
- University of South Alabama, the United States of America.
- Sidi Mohamed Ben Abdellah University, Fez, Morocco
- Caucasus School of Humanities and Social Sciences, Tbilisi, Georgia
- Khabarovsk State University of Economics and Law, Khabarovsk, Russia
- Poltava National Technical University, Poltava, Ukraine
- University of Seville, Seville, Spain
- Università degli studi di Genova, Genoa, Italy
- MCI Management Center Innsbruck, Innsbruck, Austria
- Haaga-Helia University of Applied Sciences, Helsinki, Finland
- Ternopil National Economic University, Ternopil, Ukraine
- Angel Kanchev University of Ruse, Ruse, Bulgaria

The Faculty has also established good working contacts with:

- Corvinus University of Budapest, Hungary
- ERENET–Entrepreneurship Research and Educational Network of Central European Universities
- Central European University, Budapest, Hungary
- Rzeszów University of Technology, Poland
- Higher Vocational State School in Sanok, Poland
- AGH University of Science and Technology, Faculty of Management, Krakow, Poland
- University of Zagreb, Faculty of Organisation and Informatics, Varazdin, Croatia
- Huddersfield University Business School, United Kingdom
- Joanneum Research, Institute of Technology and Regional Policy, Austria
- The CARTIF Foundation – Applied Research and Technological Innovation Centre, Valladolid, Spain
- Faculty of Economics, Technical University of Liberec, Czech Republic
- Faculty of Economics and Administration, University of Pardubice, Czech Republic
- School of Business Administration in Karviná, Silesian University in Opava, Czech Republic
- Faculty of Management and Economy, Tomáš Baťa University in Zlin, Czech Republic
- Fraunhofer Institute, Germany
- Empirica GmbH, Bonn, Germany
- Fachhochschule Frankfurt am Main, University of Applied Sciences, Germany
- Danish Technological Institute, Copenhagen, Denmark
- In-Jet, Denmark
- C-Net, Sweden
- North University of Baia Mare, Romania
- Faculty of Economics, Subotica, University of Novi Sad, Serbia
- Institute of Economic Sciences, Belgrade, Serbia
- Chukyo University, Nagoya, Japan
- National Academy of Science – Institute of Regional Researches, Lviv, Ukraine
- Donetsk National University (Vinnitsa), Ukraine
- Ukrainian National Forestry University, Transcarpathian Forestry Technical College, Ukraine
- Wroclaw University of Technology, Poland
- IDEC, Greece
- TREBAG, Hungary

- Frederick University, Nicosia, Cyprus
- University Nova of Lisbon, Portugal
- Ghent University, Belgium
- Parul University, Vadodara, India
- RK University, Rajkot, India
- North Maharashtra University, Jalgaon, India
- SAL Technical Campus, Ahmedabad, India
- University of Zielona Góra, Faculty of Economics and Management, Poland
- Polish Economic Society in Zielona Góra, Poland

- Ulysseus European University (University of Sevilla, University of Genoa, Haaga Helia University of Applied Sciences, Management Center Innsbruck, University Côte d'Azur)

The Faculty of Economics become the new member of the EIT Climate-KIC since 2018. EIT Climate-KIC is supported by the European Institute of Innovation and Technology. It brings together partners in the worlds of business, academia, and the public and non-profit sectors to create networks of expertise, working together to accelerate the transition to a zero-carbon economy. The faculty coordinator for Climate-KIC activities is Miriam Šebová.

During the academic year 2019/2020 47 of our students participated in the exchange study programs. One student successfully accomplished her Master program in cooperation with the University Côte d'Azur, Nice, France. Three French students are studying in Kosice within Bachelor double-degree program in 2020/21. Mobilities from other EU countries to Slovakia also took place. 18 Erasmus students from Italy, Romania, Poland, Ukraina, France, Spain, Latvia, and Germany studied at our Faculty. In the same academic year, visiting teachers from the partner universities in the Germany, France, Czech Republic, Poland, Turkey, Romania, Hungary, Moldova, and United States gave lectures at the Faculty.

Within double-degree programs, one student from University Côte d'Azur, Nice, France and two students from Khabarovsk State Academy of Law and Economics, Russia, successfully completed their Bachelor or Master studies respectively at our Faculty in 2019/2020.

The Faculty continues the cooperation with the University Côte d'Azur, Nice, France within two diplomas program. French speaking students at our Faculty have the possibility to choose optional courses in French. In the third year of their studies, students have to enroll in the University Côte d'Azur and study directly at this University for two semesters in order to receive a Bachelor degree from the University Côte d'Azur. Up to now, 98 students have been awarded the Bachelor degree, 30 students Master 1 degree, 8 students Master 2 degree, and 2 students PhD. degree.

The Ministry of Foreign Affairs of the Republic of France as well as the Embassy of the Republic of France in Slovakia, support the cooperation and students can receive attractive scholarships granted by the French government.

Similar cooperation has been established with several universities in Great Britain since 2006 and with the Khabarovsk State Academy of Law in Economics in Russia since 2016.

CFA Institute and its University Affiliation Program

Since August 2018 our faculty has been participated in the University Affiliation Program (UAP) with our **Finance, Banking and Investments** bachelor program. The purpose of this UAP is to recognize institutions that embed a significant portion of the CFA Program Candidate Body of Knowledge TM (CBOK) into their curricula. The Faculty of Economics TUKE became one of them. Through cooperation with universities around the world, the CFA seeks to promote ethics-based investment education in university degree programs aimed at developing investment professionals.



In exchange for our participation in this program, our institution has been listed on the [University Affiliation Program](#) page on the CFA Institute website. Assoc. Prof. Jozef Glova became Technical University's Principal Contact with CFA Institute and is responsible for awarding the Student Scholarships that are available to Technical University in Košice. Principal Contact has been also provided exclusive access to all three levels of the CFA Program® eBook curriculum, access to sample exams for each level of the CFA Program exams, and a complimentary online subscription to the *Financial Analysts Journal*®.

Our faculty may reference our CFA Institute endorsement in promoting our affiliated degree program. We are also welcome to use the UAP logos to promote the UAP relationship but note that the UAP logo may only be used to promote the affiliated degree program(s) referenced above.

ACCA Accelerate Program



Since 2019, the Faculty of Economics of the Technical University of Košice started cooperation with the ACCA (Association of Chartered Certified Accountants) within the ACCA "Accelerate Programme".

The Accelerate program gives our students the opportunity to register and start preparing their professional level exams with ACCA prior to graduation. Under the ACCA Accelerate program, the students can combine their university studies with the ACCA qualification which will allow them a head-start to an aspiring career in accounting and finance.

ACCA is a leader and official professional certification authority guaranteeing qualifications in accounting, an international audit, public sector accounting standards and many other related areas. The association has more than 219,000 members and 527,000 students in more than 180 countries. The accreditation ceremony was the completion of the accreditation process. ACCA

certification includes passing 14 exams, passing an ethics module, and 3 years of practice. Accreditation of the Bachelor and Engineering degree of the Faculty of Economics in the Finance, Banking and Investing degree programs will enable students of the faculty to obtain exemption and credit for the first three Foundation Levels of ACCA certification (Accountant in Business, Management Accounting and Financial Accounting). Every year, ACCA organizes seminars, conferences, discussion meetings, business breakfasts and many other events for its members, where they can meet not only business figures but also their colleagues.

8.3 Visitors to the Faculty

Within the framework of bilateral cooperation, the following representatives of partner institutions visited the Faculty of Economics in 2020:

- Ernst Andreas Ziegler, University of Wuppertal, Germany
- Christine Volkmann, University of Wuppertal, Germany
- Jiří Polách, Business School Ostrava, Czech Republic
- Lumír Kulhánek, VŠB - Technical University of Ostrava, Czech Republic
- Jitka Langhamrová, University of Economics, Prague, Czech Republic
- Tomáš Löster, University of Economics, Prague, Czech Republic
- Srdjan Redzepagić, University Côte d'Azur, Nice, France
- Eric Nasica, University Côte d'Azur, Nice, France
- Grzegorz Michalski, Wroclaw University of Economics, Poland
- Andrzej Krynski, Polonia University, Czestochowa, Poland
- Jowita Ziolk-Barczak, Polonia University, Czestochowa, Poland
- Andrii Galaidin, Polonia University, Czestochowa, Poland
- Kulyk Piotr, University of Zielona Góra, Poland
- Maciej Dzikuć, University of Zielona Góra, Poland
- Maria Dzikuć, University of Zielona Góra, Poland
- Monika Michalska, University of Zielona Góra, Poland
- Paulina Filip, University of Rzeszow, Poland
- Mariola Grzebyk, University of Rzeszow, Poland
- Balázs Heidrich, Budapest Business School, Hungary
- Zoltán Szabó, Budapest Business School, Hungary
- Sára Csillag, Budapest Business School, Hungary
- Antal Szabó, Erenet, Hungary
- Handan Deniz Boyukaslan, Afyonkarahisar, Turkey
- Senem Koc, Afyonkarahisar, Turkey
- Adem Boyukaslan, Afyonkarahisar, Turkey
- Martin Užík, University of Applied Sciences in Berlin, Germany
- Indrė Lapinskaitė, Vilnius Gediminas Technical University, Lithuania
- Ermanno Affuso, University of South Alabama, Mobile, United States
- Anna Jasinska Biliczak, University of Opole, Poland
- Werner Bernátik, Silesian university of Opava - Trade business faculty in Karvina, Karvina, Czech Republic

8.4 Visits of the Faculty Staff to Foreign Institutions

Alena Andrejovská:

- University of Zielona Góra, Faculty of Economics and Management, Poland
- University of Rzeszów, Rzeszow, Poland
- VSB - Technical university of Ostrava, Czech Republic

Ľudmila Bartóková:

- Link Campus University, Roma, Italy
- Budapest Business School, Budapest, Hungary

Ján Buleca:

- University Côte d'Azur, France
- University of Sevilla, Spain

Radoslav Delina:

- European Commission, Brussels, Belgium
- The Berlin School of Economics and Law, Germany
- NAR Marketing, Ostrava, Czech Republic
- University of Economics Prague, Czech Republic
- SATA Srl, Italy

Radovan Dráb:

- Agricultural State University of Moldova, Moldova
- Moldova State University, Moldova
- Academy of Economic Studies of Moldova, Moldova
- Bogdan Petriceicu Hașdeu State University, Moldova
- Alecu Russo State University of Bălți, Moldova

Jozef Glova:

- Berlin School of Economics and Law, Germany
- University of Zielona Góra, Poland
- University of Rzeszów, Rzeszow, Poland
- Vysoká škola báňská - TU Ostrava, Czech Republic

Marek Gróf:

- Budapest Business School, Budapest, Hungary

Oto Hudec:

- EC DG Directorate-General for Education, Youth, Sport and Culture, Brussels, Belgium

Alena Mojsejová

- University of Pardubice, Czech Republic

Renáta Olejárová

- Alecu Russo State University of Bălți, Moldova

- Academy of Economic Studies of Moldova, Moldova
- Moldova State University, Moldova
- Information Technology Center, Lodz University of Technology, Poland

Daniela Palaščáková:

- Uzhhorod National University, Uzhhorod, Ukraine
- Vasyľ Stus Donetsk National University, Vinnytsia, Ukraine
- Poltava National Technical Yuri Kondratyuk University, Poltava, Ukraine
- Riga Technical University, Riga, Latvia

Manuela Raisová

- Link Campus University, Roma, Italy
- Budapest Business School, Budapest, Hungary

Marianna Siničáková:

- Brussels, Permanent Representation of Spain, Belgium

Jakub Sopko

- SACS MAVMM Engineering College, Madurai, Tamil Nadu, India
- Chiang Mai University, Faculty of Engineering, Thailand

Leoš Šafár

- SACS MAVMM Engineering College, Madurai, Tamil Nadu, India
- Chiang Mai University, Faculty of Engineering, Thailand

Michal Šoltés:

- University of Versailles St. Quentin en Yvelines, France
- Parul University, Vadodara, India
- North Maharashtra University, Jalgaon, India
- University of Science and Technology, Wrocław, Poland

Tomáš Štofa:

- Lodz University of Technology, Lodz, Poland
- Agricultural State University of Moldova, Moldova
- Moldova State University, Moldova
- Academy of Economic Studies of Moldova, Moldova

Nataša Urbančíková:

- Caucasus university, Tbilisi, Georgia
- University of Applied Science, Vienna, Austria
- TREBAG, Budapest, Hungary
- Sidi Mohamed Ben Abdellah University, Fez, Morocco
- IDEC, Pireus, Greece
- PROMED, Gdansk, Poland

Tomáš Želinský:

- Durham University, Durham, The United Kingdom
- Charles University, Prague, Czech Republic
- Institute of Sociology of the Academy of Sciences of the Czech Republic

8.5 Membership in National and International Organisations, Boards and Committees

Alena Andrejovská:

- Member of the Slovak Chamber of Certified Accountants
- Member of Slovak Economic Association
- Member of Slovak Academy of Agricultural Sciences
- Member of Polish Economic Society in Zielona Góra, Poland

Eduard Baumöhl:

- Fellow and a board member of the Slovak Economic Association (SEA).
- Elected President of the SEA for 2021-2022.
- Member of the evaluation panel HS4 “Individuals, institutions, markets” – National Science Centre, Poland (national grant agency).
- Member of the evaluation panel P403 “Business and Management Science, Financial Econometrics and Operational Research” – Czech Science Foundation (national grant agency).
- Member of the editorial board – Czech Journal of Economics and Finance.

Anna Bánociová:

- Member of the Slovak Chamber of Tax Advisors
- Member of the Slovak Chamber of Auditors
- Member of the Slovak Chamber of Certified Accountants
- Judge in the Field of Economics and Business – Taxation

Jozef Bucko:

- Member of Union of Slovak Mathematicians and Physicists
- Member of Hereditarnia Club

Ján Buleca:

- Member of American Economic Association
- Foreign Member of Hungarian Academy of Sciences
- Member of Higher Education Council of the Slovak Republic
- Member of Dpt. of Economy and Management of the Slovak Academy of Agricultural Sciences
- Member of Slovak Economic Association
- Member of Polish Economic Association
- Member of Association of Slovak Scientific and Technological Societies
- Member of Editorial Board “Slovak Journal of Food Sciences”
- Member of Editorial Board “Acta Oeconomica Universitatis Selye”
- Member of Editorial Board “Scientific Bulletin of Uzhhorod University, Series «Economics»”

Radoslav Delina:

- Member of European RTD Evaluation Network (Ares(2013)437085-MS) under DG Research and Innovation of European Commission
- Member of Social Agriculture Platform
- Member of advisory expert group for Ministry of Education SR
- Member of the Scientific Board, University of Economics Bratislava, Faculty of Business Economics
- Member of Aladin University Network

Vladimír Gazda

- Member of Slovak Economic Association

Jozef Glova:

- Member and Team Adviser for the CFA Institute Research Challenge, CFA Society Czech Republik
- Member of Scientific Council of the scientific journal “Zeszyty naukowe”, Polish Economic Society in Zielona Góra, Poland
- Polish Economic Society in Zielona Góra, Poland
- Principal Contact with CFA Institute, United Kingdom

Radoslav Bajus:

- Member of the Slovak Chamber of Certified Accountants

Lenka Hudáková Stašová:

- Member of the Slovak Chamber of Certified Accountants

Oto Hudec:

- Regional Studies Association Representative for the Slovak Republic,
- Vice-president of the Slovak section of the European Regional Science Association
- Member of the Editorial Board – European Urban and Regional Studies,
- Member of the Editorial Board - Portuguese Review of Regional Studies,
- Member of the Editorial Board - Quality, Innovation, Prosperity,
- Member of the committee for PhD. study at the University of Economics, Bratislava – Public Administration and Regional Development,
- Member of the committee for PhD. study at the Matej Bel University, Banská Bystrica – Public Economy and Services,
- Member of the committee for PhD. study at the Masaryk University in Brno, Regional Economics,
- Member of the committee for PhD. study at the Šafárik University in Košice, Faculty of Public Administration,
- Member of the Scientific Board, University of Economics, Faculty of National Economy, Bratislava,
- Member of the Scientific Board, University of Pardubice, Faculty of Economics and Administration, Pardubice, Czech Republic.

Erika Liptáková:

- Member of the Slovak Statistical and Demographical Society, Slovakia

Rajmund Mirdala:

- Member of the Editorial Advisory Board of the scientific journal - Journal of Applied Research in Finance (ISSN 2066-5482)
- Member of the Editorial Board of the scientific journal - Journal of Reviews on Global Economics (ISSN 1929-7092)
- Member of the Editorial Board of the scientific journal - Journal of Applied Economic Sciences (ISSN 1843-6110)
- Member of the Editorial Board of the scientific journal - EKONOMIKA (ISSN 0350-137X)
- Member of the Programme Board of the scientific journal - The Research Journal of Bielsko-Biała School of Finance and Law (ISSN 2084-1809)
- Member of the Editorial Board of the scientific journal - Eastern European Business and Economics Journal (ISSN 2256-0521)
- Advisory Editor of the scientific journal - Alphanumeric The Journal of Operations Research, Statistics, Econometrics and Management Information Systems (ISSN 2148-2225)
- Member of Slovak Economic Association, Slovakia
- Member of the Slovak Statistical and Demographical Society, Slovakia
- Member of International Network for Economic Research
- Member of American Economic Association

Alena Mojsejová:

- Member of the Slovak Statistical and Demographical Society, Slovakia

- Member of the Slovak Economic Association, Slovakia

Daniela Palaščáková:

- Member of the Editorial Board of the scientific journal - Scientific Horizon, Slovakia (ISSN 1337-9054).
- Member of the Editorial Board of the scientific journal - Economic and law paradigm of development of the modern society, Ukraine (ISSN 2414-0414).
- Member of the Editorial Board of the scientific journal - Economics and Region, Ukraine (ISSN 2218-1199 Print, ISSN 2414-0538 Online, EISSN 2414-0538).

Ľudmila Pavlíková

- Member of IGIP (International Society for Engineering Education)

Dana Paľová:

- Member of IGIP (International Society for Engineering Education)
- Member of Slovak Society for Business Informatics

Manuela Raisová:

- Member of the Editorial Board of the scientific journal – Balkan JETSS, Srbsko (ISSN 2620-164X)
- Member of IGIP (International Society for Engineering Education)
- Member of the Royal Economic Society

Libuša Révészová:

- Member of Union of Slovak Mathematicians and Physicists

Tomáš Sabol:

- Member of the Editorial Committee of the Journal of Theoretical and Applied Electronic Commerce Research
- Member of the Scientific Steering Committee of the “Information Society Developments in the New Member States and Candidate Countries” Research Program of the Institute for Prospective Technological Studies (IPTS), European Commission, Seville, Spain

Leoš Šafár

- Team Adviser for the CFA Institute Research Challenge, CFA Society Slovak Republic

Miriám Šebová

- Member of the Slovak speaking section of ERSA
- Member of ERSA (European Regional Science Association)
- Member of Evaluation Working Group, European Network on Cultural Management and Policy
- The faculty coordinator for Climate-KIC activities

Marianna Siničáková:

- Member of the Polish Economic Society, Poland
- Visiting professor at the Polonia University, Czestochowa, Poland
- Member of the Editorial Board, Journal of Economic Analysis, Serbia
- Member of the Editorial Board, E&M Economics and Management Journal, Czechia
- Slovak-French University Institute (IUFS/SFUI), Slovakia
- Member of ERENET (Entrepreneurship Research and Education Network of Central European Universities)
- Member of CEMAFI International, Université Côte d'Azur, France

Michal Šoltés:

- Member of the Editorial board, Creative Mathematics and Informatics, Romania
- Member of Editorial board, Acta Aerarii Publici, Slovakia
- Member of Conference Committee, Emerging Markets Queries in Finance and Business, Bucarest, Romania
- Member of Slovak Economic Association

Vincent Šoltés:

- Member of the Editorial board of the Journal of Theory, Methodology and Practice, Hungary
- Member of the Scientific board of the E+M Ekonomie a management journal, the Czech Republic
- Member of Editorial board of the Carpathian Journal of Mathematics and Informatics, Romania
- Member of Editorial board of the Journal of Business Economics and Management, Lithuania
- Member of Editorial board of the Acta Montanistica Slovaca, Slovakia
- Member of Editorial board of the Economics And Informatics, Slovakia

Ľubica Štiblárová:

- Member of The Slovak Economic Association, Slovakia
- Member of The Slovak Statistical and Demographic Society, Slovakia

Nataša Urbančíková:

- Member of the Editorial board of Japan Social Innovation Journal

Tomáš Želinský:

- Member of Editorial Board of PLoS ONE (USA)
- Member of Editorial Board of Ekonomický časopis / Journal of Economics (Slovakia)
- Member of Editorial Board of Forum Statisticum Slovacum journal (Slovakia)
- Member of the Committee of The Slovak Statistical and Demographic Society, Slovakia
- Member of The Global Development Network, India
- Member of The American Economic Association, the United States of America.
- Member of The Economic Science Association, the United States of America.
- Member of The International Association for Research in Income and Wealth, Canada
- Member of The American Association for the Advancement of Science, the United States of America.
- Member of The Slovak Economic Association, Slovakia

9 Habilitations and Inaugurations

The Faculty has habilitation and inauguration rights in the study programmes Finance, banking and investments and Public administration and regional development.

9.1 Habilitations

After two successful habilitations in 2019 there were no habilitations during the year 2020, however, some habilitations are planned in the year 2021.

9.2 Inaugurations

Assoc. Prof. Rajmund Mirdala, PhD., Affiliation: Faculty of Economics, Technical University of Kosice, Study program: Finance, banking and investments, Title of inauguration lecture: External imbalances in the European Monetary Union in the context of common monetary policy.

10 PhD. Study

10.1 Internal PhD. Students at the Faculty of Economics

In 2020 the following internal PhD. students studied at the Faculty of Economics:

1. Jozef Bľanda: Social Entrepreneurship in Slovakia as a Tool of Sustainable Development. Supervisor: Assoc. Prof. Nataša Urbančíková;
2. Anton Čorňák: The Impact of Automation and Digitisation of Managerial Processes on the Decision Making Support (Data Science Application). Supervisor: Assoc. Prof. Radoslav Delina;
3. Darya Dancaková: Intellectual Capital and Specific Aspects of its Evaluation. Supervisor: Assoc. Prof. Jozef Glova;
4. Emil Exenberger: Business Intelligence (BI) in Processes of Enterprises. Supervisor: Assoc. Prof. Jozef Bucko;
5. Dominika Falisová: Determinants of Investments and Innovation Expenditures in Manufacturing Industries. Supervisor: Assoc. Prof. Jozef Glova;
6. Martina Helocmanovská: Effective Corporate Taxation in the EU Countries. Supervisor: Assoc. Prof. Alena Andrejovská;
7. Vladimír Hvošťál: Behavioural Modelling and Data Science Development for Future Strategic and Operational Spend Management and Prediction and Alert Model Design. Supervisor: Assoc. Prof. Radoslav Delina;
8. Katarína Ilčíková: Application of ABM by the Assets Pricing. Supervisor: Prof. Vladimír Gazda;
9. Simona Juhásová: Economic Impacts of Gender Inequality within the European Union Countries. Supervisor: Assoc. Prof. Ján Buleca;
10. Michela Kavčáková: Alternative Methods for Diagnosing Corporate Credit Risk. Supervisor: Assoc. Prof. Kristína Kočišová;
11. Denisa Kočanová: Possibilities to Mitigate the Economic Consequences of Population Ageing in the EU. Supervisor: Assoc. Prof. Ján Buleca;
12. Veronika Konečná: Effective Corporate Taxation in the EU Countries. Supervisor: Assoc. Prof. Alena Andrejovská;
13. Oleg Kováč: Efficiency of Quantitative Easing in the Economic Policy. Supervisor: Assoc. Prof. Jozef Glova;
14. Marek Macik: Business Models for Emerging Data Services. Supervisor: Assoc. Prof. Jozef Glova;
15. Peter Nemeč: Value for Money in Public Procurement. Supervisor: Assoc. Prof. Peter Džupka;
16. Lucia Nováková: Impact of New Technology Trends - Industry 4.0, Robotization. Artificial Intelligence etc.) on the Future of Employment. Supervisor: Prof. Tomáš Sabol;
17. Tomáš Mušínský: Efficiency of Quantitative Easing in the Economic Policy. Supervisor: Assoc. Prof. Marianna Siničáková;
18. Adriana Novotná: Bank Competition and Stability. Supervisor: Assoc. Prof. Kristína Kočišová;
19. Renáta Olejárová: Transparency of Business and Accounting Data and the Significance in Smart Supply Chains Evolution. Supervisor: Assoc. Prof. Radoslav Delina;
20. Róbert Oravský: The problem of Value Added Tax in the Slovak Republic. Supervisor: Assoc. Prof. Anna Bánociová;

21. Dominika Oravcová: The Impact of Off-Shoring on Employment. Supervisor: Assoc. Prof. Júlia Ďurčová
22. Marek Pekarčík: Global Value Chains in the Context of Industry 4.0. Supervisor; Assoc. Prof. Júlia Ďurčová
23. Eva Petrová: Financial and Economic Analysis of Business Environment in SR within the Creditworthiness of Businesses Assessment. Supervisor: Assoc. Prof. Michal Šoltés;
24. Oliver Pisár: Suggestion of a Concept of Integration of the Concepts of Health and Social Systems into the Process of Regional Economic Development and their Quantification. Supervisor: Assoc. Prof. Beata Gavurová;
25. Zuzana Réveszová: Culture and Socio-economic Development. Supervisor: Assoc. Prof. Miriam Šebová
26. Žofia Sinčáková: Digital Governance of the Cities. Supervisor: Prof. Oto Hudec;
27. Katarína Synčáková: Development of Active Quantitative Mutual Fund's Portfolio Strategy. Supervisor: Assoc. Prof. Michal Šoltés;
28. Nikola Šubová: Wealth and Financial Stability of Households. Supervisor: Assoc. Prof. Dr. Ján Buleca;
29. Miriama Tarhaničová: Economic Quantification of the Social Costs of Using Alcohol, Tobacco and Illegal Drugs Supervisor: Assoc. Prof. Beata Gavurová;
30. Veronika Tóth: Urban Adaptation and Climate Change. Supervisor: Assoc. Prof. Miriam Šebová
31. Barbora Tóthová: Cultural and Creative Spillovers. Supervisor: Assoc. Prof. Miriam Šebová;
32. Lenka Vyrostková: Inflation Persistence, Price Stability and Performance of the Euro Area. Supervisor: Assoc. Prof. Rajmund Mirdala;
33. Oleksandra Zaitseva: Impact of Euro Adoption on International Trade within the Heterogeneous Euro Area. Supervisor: Assoc. Prof. Rajmund Mirdala;
34. Mhmed Omar Mohamad Abdulhafiz: Strategies of Liquid Assets Investment by Non-Profit Organizations. Supervisor: Assoc. Prof. Grzegorz Michalski;
35. Ahmed Emhemed Hithim Boha: Financial Risk Indicators and Overall Financial Risk Management. Supervisor: Assoc. Prof. Jozef Glova.

10.2 External PhD. Students at the Faculty of Economics

In 2020 the following external PhD. students studied at the Faculty of Economics:

1. Benedict Ebenezer Alechenu: Optimum Currency Areas in African Countries. Supervisor: Assoc. Prof. Marianna Siničáková;
2. Vladimíra Adamkovičová: Analysis and Possibilities of Innovation of the Business Model Called "Central-regulation / Zentralregulierung" and Possibilities of its Application in the Area of the Slovak Republic. Supervisor: Assoc. Prof. Michal Šoltés;
3. Davorin Balaž: Industry 4.0 and Export Competitiveness of EU. Supervisor: Prof. Srdjan Redzepagić;
4. Raphaela Balzer: Value Creation in the Digital Era. Supervisor: Prof. Dr. Martin Užík;
5. Tatiana Baníková: Quality of Interest Rate Pass Through in European Union Countries. Supervisor: Assoc. Prof. Kristína Kočišová;
6. Tomáš Bindzár: The Perception of the Euro and the ECB in EU Countries. Supervisor: Assoc. Prof. Kristína Kočišová;
7. Marek Blizco: Brain Drain and Drain Return: Global Processes and Local Strategies. Supervisor: Prof. Oto Hudec;

8. Sebastian Olbert Block: The Property Rights Theory in the Professional Sport and the Influence on the Economic Success. Supervisor: Prof. Thorsten Dennin;
9. Peter Breyll: Complex Economic and Process evaluation of eHealth and Design of Measuring its Effectiveness. Supervisor: Assoc. Prof. Beáta Gavurová;
10. Zuzana Čarnogurská: Is the Eurozone an Optimum Currency Area from the Labour Market Point of View? Supervisor: Assoc. Prof. Marianna Siničáková;
11. Linus David Elferich: Blockchain Technology for Real Estate Asset and Portfolio Management – An Analysis of Distributed Ledger Technology Applications for Property Management, Tokenization and Ownership. Supervisor: Prof. Dr. Martin Užík;
12. Gabriel Gencsi: Agent Based Model of the Frequency Spectrum Trading. Supervisor: Prof. Vladimír Gazda;
13. Michal Gimerský: Requirements for Investment Consulting in the Digital Age. Supervisor: Prof. Dr. Martin Užík;
14. Jana Hejjová: Research of Business Inteligence (BI) Tools in Electronic Commerce. Supervisor: Assoc. Prof. Jozef Bucko;
15. Rastislav Chomjak: Green financing of the Circular Economy on Regional Level. Supervisor: Assoc. Prof. Peter Ďupka;
16. Michala Inkábová: Analyses of the Agricultural Company from the Tax Point of View. Supervisor: Assoc. Prof. Alena Andrejovská;
17. Ján Kyjovský: Aspirations and the Socioeconomic Environment. Supervisor: Assoc. Prof. Tomáš Želinský;
18. Viktória Lukáčová: Economic Quantification of Marketing Processes in Healthcare Facilities Focused on Increasing VFlue for Patients. Supervisor: Prof. Vincent Šoltés;
19. Sinisa Mali: The flypaper Effect in the SR. Supervisor: Assoc. Prof. Lenka Maličká;
20. Peter Niroda: Effectiveness of Public Procurement Processes in Slovakia. Supervisor: Assoc. Prof. Beáta Gavurová;
21. Sead Osmanović: Strategic Planning of Public Services on a Local Level. Supervisor: Prof. Srdjan Redzepagić;
22. Martina Patáková: Creation of Value Added in the Context of the Global Value Chains. Supervisor: Assoc. Prof. Júlia Ďurčová;
23. Martina Regásková: Advanced Financial Accounting and Hedge Accounting of the Financial Instruments. Supervisor: Assoc. Prof. Anna Bánociová;
24. Christopher Runge: Controlling an Value of Reputation Management. Supervisor: Prof. Thorsten Dennin,
25. Stefan Stojanović: Financial Risk management in Western Balkan Countries and their Integration in the EU. Supervisor: Prof. Srdjan Redzepagić;
26. Coi Tran: Potential of the Current Technolgy Trends: Data Analytics, IoT, Industry 4,0 et.) on Economy Growth. Supervisor: Prof. Tomáš Sabol;
27. Jana Ťuchová: Data Based Diagnostics of Unfair Practice Patterns in Private and Public Procurement. Supervisor. Assoc. Prof. Radoslav Delina;
28. Roman Christian Warias: BOTs Performing Administrative Tasks in „Object Management Systems“ as Central Corporate Intelligence. Supervisor: Prof. Dr. Martin Užík;
29. Lukas Antoni Woch: Tax Competition of the EU Member States in the Context of Corporate Taxation. Supervisor: Prof. Vladimír Gazda
30. Peter Žifčák: Model of Evaluation of Market Potential of Hockey Clubs' Environment in Slovakia. Supervisor: Assoc. Prof. Michal Šoltés;

10.3 PhD. Degrees Awarded in 2020

The following internal PhD. students of the Faculty of Economics defended their PhD. theses and were awarded PhD. degree in 2020:

1. Jozef Bl'anda: Social Entrepreneurship in Slovakia as a Tool of Sustainable Development. Supervisor: Assoc. Prof. Nataša Urbančíková;
2. Darya Dancaková: Intellectual Capital and Specific Aspects of its Evaluation. Supervisor: Assoc. Prof. Jozef Glova;
3. Veronika Konečná: Effective Corporate Taxation in the EU Countries. Supervisor: Assoc. Prof. Alena Andrejovská;
4. Lucia Nováková: Impact of New Technology Trends - Industry 4.0, Robotization. Artificial Intelligence etc.) on the Future of Employment. Supervisor: Prof. Tomáš Sabol;
5. Žofia Sinčáková: Digital Governance of the Cities. Supervisor: Prof. Oto Hudec;
6. Miriama Tarhaničová: Economic Quantification of the Social Costs of Using Alcohol, Tobacco and Illegal Drugs Supervisor: Assoc. Prof. Beata Gavurová;

The following external PhD. students of the Faculty of Economics defended their PhD. theses and were awarded PhD. degree in 2020:

1. Raphaela Balzer: Value Creation in the Digital Era. Supervisor: Prof. Dr. Martin Užík;
2. Guenter Blendinger: Best-in-class“Corporate Governance Model in Light of Financial Management Decisions and Financial Firm Performance. Supervisor: Assoc. Prof. Grzegorz Michalski;
3. Martina Regásková: Advanced Financial Accounting and Hedge Accounting of the Financial Instruments. Supervisor: Assoc. Prof. Anna Bánociová;

11 Other activities

The Košice Economic Forum (KEF), which was established in 2016, represents a series of speeches and lectures held by respectful individuals from both academic environment and the practice for the faculty staff, students, and general public. The main objective of the forum is to bring new ideas and incentives to the economic research at the faculty, to deepen knowledge in the field of current economic phenomena and to preserve dissemination of relevant research information. Most of the speakers were of the Slovak origin with remarkable achievements at the international level. Their story and contribution in the field of economics and finance could be inspiring especially for young researchers and students. During 2020 it was a pleasure for us to welcome following renowned speakers at the KEF:

- April 2020 - Zuzana Fungáčová (Bank of Finland) - Does Experience of Banking Crises affect Trust in Banks?
- April 2020 - Steve Yamarik (California State University) - Resource Abundance, Dependence and the Resource Curse: New Evidence from the Shale Revolution
- May 2020 - Martin Smatana (Director of Institute of Health Policy) – Analytics during COVID-19: more hamr than ako benefits?
- May 2020 - Andrej Svorenčík (University of Mannheim) – Revision of Expenditure in Cultural Industry
- October 2020 - Ľuboš Pástor (University of Chicago) – Fifty Shades of QE: Conflicts of Interest in Economic Research
- November 2020 - Róbert Chovanculiak (INESS) – Advancement without Approvementis 3D
- November 2020 - Michal Habrman (Institute of Financial Policy) – Reform of Universities and support of research and innovations (Modern and Succesful Slovakia)
- December 2020 - Grigorij Mesežnikov (President of Institute of Public Affairs) – 30 Years of Liberal Democracy in Slovakia

Eurofondue

Eurofondue is an annual competition for high school students, organised since 2013. It has been running under the auspices of member of European Parliament and with the cooperation of Košice Region. The objective of the competition is to encourage the students to design innovative project focused on development of their locality or community. In 2020 almost 40 high school students were trained in project writing, project management and in soft skills at the workshops organised within the competition at the faculty in February 2020. Due to the pandemic unfortunately the final was cancelled. The three best projects were awarded and the organisers visited them with the prizes at their schools.



Fig. 4: The 2nd best project awarded, Gymnasium Katkin Park in Košice. Eurofondue 2020

12 Faculty Staff Members

Alena Andrejovská, PhD., Associate Professor

PhD: Slovak University of Agriculture, Nitra, 2002. Dealing with the issue of quantification of costs, revenues and business results in business area from an accounting perspective. She cooperates with business sphere in accounting advice area. List of courses taught: Accounting I, Accounting II, Managerial Accounting and Accounting of financial institutions.

E-mail: Alena.Andrejovska@tuke.sk

Radoslav Bajus, PhD., Assistant Professor

Pursuing his PhD. study at the Slovak Technical University in Trnava, in his PhD. thesis he deals with financial analysis of corporate finances. He is a lecturer on re-qualification courses for public administration workers in the area of state treasury. The areas of research interest: SMEs, Business Economics, Stock Exchange and Market. List of subjects taught: Business Finance, Stock Exchange and Market.

E-mail: Radoslav.Bajus@tuke.sk

Eduard Baumöhl, PhD., Associate Professor

His research interests include topics on financial markets, stock market integration, contagion, networks, and corporate finance. RePEc rating: as of February 2021, he ranks 4th in Slovakia and in the top 8% in the World (last 10 years).

E-mail: Eduard.Baumohl@tuke.sk

Anna Bánociová, PhD., Associate Professor

PhD.: Technical University of Kosice, Faculty of Economics, 2006.

She deals with the taxation system and its influence on SME financing, and with information systems for financial analysis. She also supervises the “How to start a business” course, organized by the National Labour Office, the subjects Taxes, Accounting and Financial Company Management. She provides seminars for entrepreneurs’ preparation for the integration into the EU market. As a specialist in theory and practice, she is a member of various research committees (see also above). List of courses taught: Taxes and Taxation Systems, Auditing, Accounting.

E-mail: Anna.Banociova@tuke.sk

Ľudmila Bartóková, PhD., Assistant Professor

PhD.: Technical University of Kosice, Faculty of Economics, 2010.

Her research interests are in the area of input-output analysis, structural analysis, monetary policy, external balance, world economy. She also teaches economic subjects in French language within the programme of two diploma in cooperation with the University of Nice in France. At present she participates in several national research projects. Courses taught: Introduction to Input- Output Analysis, Macroeconomics, Microeconomics, Microéconomie, Monetary Policy, World Economy.

E-mail: Ludmila.Bartokova@tuke.sk

Peter Bednár, PhD., Researcher

His research interests are artificial intelligence, knowledge modelling, semantic web and e-government. At present he participates in several international research projects.

E-mail: Peter.Bednar@tuke.sk

Martina Bobriková, PhD., Assistant Professor

Her research interests are in the area of financial markets, financial derivatives, risk management, and investment. In this field, she also defended her PhD. thesis “Hedging using barrier options” at the Faculty of Economics, Technical University of Kosice in 2012. She is participating in several national research projects. List of courses taught: Financial markets, Financial derivatives, Financial engineering.

E-mail: Martina.Bobrikova@tuke.sk

Jozef Bucko, PhD., Associate Professor

The areas of his research interest include informatics, IS/IT technologies, e-banking, security of e-communications, graph theory and machine learning technics. He also interested in web technologies, graphical design and creation html pages, e-learning. List of courses taught: Informatics I., Informatics II., Electronic Banking, Economical Information Systems and Decision Support Systems.

E-mail: Jozef.Bucko@tuke.sk

Ján Buleca, PhD., Associate Professor

His research interests are focused to corporate finance and household/personal finance. Courses taught: Finance and Currency, Corporate Finance, Business Economics, and Family Finance. He has experience in several national and international scientific and educational projects.

E-mail: Jan.Buleca@tuke.sk

Peter Burger, PhD., Associate Professor

His areas of research interest include innovation, clusters, innovation policy, cluster policy, performance evaluation of clusters, innovation performance of regions, regional policy, SME analysis and sectoral divisions of industries. He has been involved in several national and international projects both as a project team member and project manager. He regularly teaches Innovation Policy, Regional Economics and Policy, Public Economics, Urban and Regional Planning and Management.

E-mail: Peter.Burger@tuke.sk

Július Czap, PhD., Assistant Professor

His research interests are in the area of discrete mathematics – graph theory (graph colourings, graph properties). List of courses taught: Graph theory, Mathematics I, Mathematics II.

E-mail: Julius.Czap@tuke.sk

Radoslav Delina, PhD., Associate Professor

Radoslav Delina has extensive experiences from the positions of the expert advisor for Ministry of Foreign Affairs of Japan, expert advisor for Ministry of Education SR in the field of research and innovation, representative of Slovak Republic in the European RTD Evaluation Network (Ares(2013)437085-MS) under DG Research and Innovation of European Commission and several RDI EU networks. He is focusing his activities on the research in the field of Information Society and the information and communication technology (ICT) impact on different socio-economic domains, e-business (esp. e-procurement, eCollaboration, eSourcing, enterprise networking, e-services and trust building, ICT/Digital regions), data mining techniques in financial decision making, risk management, innovative learning methods etc. He coordinated H2020 CSA project WIRE2017. He participated and still participates on several EU (FP5,6,7) and national projects (VEGA, PHARE..). Together, he locally coordinates/d EU research projects (Seamless -

FP6 IST STREP, DEN4DEK - FP7 CIP, KASSETTS - CE OP, eBEST - FP7 SME, LearnPath - LdV) and many national projects (financed under VEGA, APVV, KEGA, MVTs, development project under Ministry of Education) all in the field of electronic business management and Information Society. He is national expert and correspondent for eBusiness w@tch - the Initiative of European Commission and other initiatives as eWork, Construst, e-Skills For The 21st Century... He was/is a member of several international conference programme committees (IDIMT, IRMA, IBIMA, EC-Web, Collector IberoAmerica, BledConference, Planetary Scientific Research Centre..) and reviewer in several international scientific journals, publication and initiatives. He is the member of editorial board of International Journal of Humanities and Applied Sciences. He is a project evaluator for national (esp. VEGA, KEGA, APVV science and education funding agencies) and Czech (esp. eHealth) and Kazakhstan (socio-economic aspects of ICT) funding programmes. He is the member of E-Business & E-commerce Steering Committee within ALADIN - ALpe ADria INitiative Universities' Network.

E-mail: Radoslav.Delina@tuke.sk

Radovan Dráb, PhD., Assistant Professor

In his research he focuses mainly on the socio-economic aspects of trust and its mechanisms in e-procurement and e-commerce itself as well as decision making methods, datamining methods and their applications in economical sciences and technical analysis. His areas of interest are also focused on the efficiency of public finances in various fields. Lecturing courses: Financial Decision-making, Technical Analysis, Electronic commerce

E-mail: Radovan.Drab@tuke.sk

Martin Dujčák, PhD., Researcher

In research work she focuses on socio-economic and technology domains, like Innovation Management and Policy, Participatory Methods/ Co-design/Co-implementation, Social Innovations, Design and Development of Digital Solutions and Data analytics, Innovative Business Models, Entrepreneurship and Circular Economy.

He participated in several international projects and studies (CEE - CENTRALAB, I-CARE-SMART, CITYCIRCLE; DTP – InnoHPC, ATTRACTIVE DANUBE, CrowdStream, InnoSchool, KnowING IPR, Danube Archeological eLandscapes and MeAc Study for EC) and several national research and educational project (VEGA projects, TECHNICOM, etc.).

E-mail: Martin.Dujcak@tuke.sk

Peter Džupka, PhD., Associate Professor

His areas of research interest include public funds effectiveness measuring, financial analysis of private and public investment projects, foreign direct investments, regional development, effectiveness of structural funds utilization and economic evaluation of big sport and cultural events. He is also interested in project management and economic and financial analyses. Courses taught: Business Economics, Management, Strategic management and planning.

E-mail: Peter.Dzupka@tuke.sk

Júlia Ďurčová, PhD., Associate Professor

Her areas of research interest include the issues of macroeconomics, international economy and business. Course taught: World economy, International trade forms, Macroeconomics. She also participates in the programme of two diploma in cooperation with the University of Nice in France.

E-mail: Julia.Durcova@tuke.sk

Veronika Ďuricová, PhD., Assistant Professor

Her research activities are focused on innovation in public sector and local and regional development. She is also interested in entrepreneurship and entrepreneurial ecosystem. Courses taught: Enterprise and Entrepreneurship, Management, Project management, Rural development, Regional Labour Market.

E-mail: Veronika.Duricova@tuke.sk

Vladimír Gazda, PhD., Professor

His research interests are in the field of Econometrics and various applications of Operations research. He is also engaged in Microeconomics, Game Theory and Investments. Courses taught: Econometrics, Game Theory and Quantitative Microeconomics.

E-mail: Vladimir.Gazda@tuke.sk

Jozef Glova, PhD., Associate Professor

His research interest is Corporate Finance, specifically company and investment valuation. He is also interested in Business Process Modelling and Business Models. He is involved in several national and international research projects. Courses taught: Portfolio Analysis, Investment Project Evaluation, Business Valuation, Market Risk Management and Analysis.

E-mail: Jozef.Glova@tuke.sk

Marek Gróf, PhD., Assistant Professor

He acquired his PhD. at the Technical University of Košice, in his PhD. thesis he deals with variations of the investment game. His areas of research interest include: Behavioral Economics, Game theory, Graph theory, Agent-based modelling, Econometrics. List of subjects taught: Microeconomics, Econometrics, Behavioral Finance, Game theory.

E-mail: Marek.Grof@tuke.sk

Róbert Hanzen, PhD., Researcher

In research work he focuses on socio-economic and technology domains, like Design and Development of Digital Solutions and Data analytics, Procurement & Supply Chains, Innovative Business Models, Innovation Management and Policy, Entrepreneurship, Circular Economy.

He participated in several international projects and studies (CEE - I-CARE-SMART, CITYCIRCLE; DTP – InnoSchool, Danube Archeological eLandscapes)

E-mail: Robert.Hanzen@tuke.sk

Ján Hreňo, PhD., Researcher

His research interests are artificial intelligence, knowledge modelling, semantic web and e-government. At present he participates in several international research projects.

E-mail: Jan.Hreno@tuke.sk

Lenka Hudáková Stašová, PhD., Assistant Professor

She deals with the problems of information systems for financial analysis with practical application in controlling, non-traditional methods of calculation and activity costing. She is a lecturer on re-qualification courses for public servants in the area of state treasury. List of courses taught: Accounting I, Accounting II, Managerial Accounting, Financial Control.

E-mail: Lenka.Hudakova.Stasova@tuke.sk

Oto Hudec, PhD., Professor

He has broad experience of research in the fields of regional and urban science and location theory. His research focus includes also, creative industries, innovation systems and regional knowledge bases, academic entrepreneurship and strategic planning. List of courses taught: Regional Economics and Policy, Probability and Statistics, Statistical Methods in Economics.

E-mail: Oto.Hudec@tuke.sk

František Janke, PhD., Assistant Professor

In research work he focuses on variety of socioeconomic and technology domains, like Innovative Business Models, Innovation Management and Policy, Entrepreneurship, Economy of Agri-food sector, Circular Economy, Procurement & Supply Chains, Participatory Methods/ Co-design/Co-implementation, Design and Development of Digital Solutions and Data analytics.

He participated in several international projects and studies (FP7 - eBEST; CEE - KASSETTS, CENTRALAB, I-CARE-SMART, CITYCIRCLE; DTP – InnoHPC, ATTRACTIVE DANUBE, CrowdStream, InnoSchool, KnowING IPR, Danube Archeological eLandscapes and MeAc Study for EC) and several national research and educational project (VEGA projects, TECHNICOM, etc.).

E-mail: Frantisek.Janke@tuke.sk

Slávka Klasová, PhD., Assistant Professor

Areas of her research interest include knowledge bases, regional innovation systems, creative industries and regional growth. She obtained PhD. degree in the field of Public Administration and Regional Development in 2015. She has participated in several national and international projects. List of courses taught: Business Economics, Management.

E-mail: Slavka.Klasova@tuke.sk

Michal Kočíš, MSc., Researcher

His areas of research interest include new technologies in the field of computer techniques, networking, internet and communications.

E-mail: Michal.Kocis@tuke.sk

Kristína Kočíšová, PhD., Associate Professor

In research work she focuses on issues of commercial and central banking (e.g. competition, efficiency, and stability on the level of the banking sector, but also the level of banks or bank branches in the national economy). She participates in several national and international research projects. She teaches and guarantees the subjects: Banking, Central banking, Management of banking operations, Payment system, Selected models and analysis in banking.

E-mail: Kristina.Kocisova@tuke.sk

Gabriela Kol'vecková, PhD., Assistant Professor

Research focus on institutional economics has led her to participation in national and international research projects. Thereupon she has authored or co-authored over 110 publications. In the course of the work at Technical University of Košice she has taught the following courses: Introduction to microeconomics, Macroeconomics, World Economy, Quantitative Microeconomics and History of Economic Thoughts.

E-mail: Gabriela.Kolvekova@tuke.sk

Iveta Korobaničová, PhD., Assistant Professor

Areas of her research interest include organisational development and marketing. She is also interested in management, marketing research, and service marketing and e-learning. Courses taught: Management, Marketing, Marketing of Financial Services, Regional and City Marketing, Managerial Games, Programme and Project Preparation, Personal Management, Project Management.

E-mail: Iveta.Korobanicova@tuke.sk

Viliam Kováč, PhD., Assistant Professor

His field of research includes agent-based modelling, econometrics and quantitative methods. He defended his PhD. thesis about cognitive radio networks – economics of modern telecommunication systems in 2015. He has participated in several national and international projects. List of courses taught: Finance and Currency, Financial Derivatives, Business Finance, Business Economics, and Regional Labour Market and Social Policy.

E-mail: Viliam.Kováč@tuke.sk

Peter Kostelník, PhD., Researcher

His research interests are artificial intelligence, knowledge modelling, semantic technologies, pattern recognition, expert systems and heuristic search. At present he participates in several international research projects.

E-mail: Peter.Kostelník@tuke.sk

Matúš Kubák, PhD., Associate Professor

His research is focused on experimental economics, health economics, efficiency evaluation, public procurement and application of the quantitative methods in economics. He is a research fellow in several scientific teams and the principal investigator in research grant VEGA 1/0619/19 - Experimental inquiry on economic agents' propensity to tax evasion. Courses taught: Business and Entrepreneurship, Management

E-mail: Matus.Kubak@tuke.sk

Erika Liptáková, PhD., Assistant Professor

She got her PhD. degree (as an external PhD. student) at the Faculty of Science, P. J. Šafárik University, Košice, 2010, in the field of didactics of mathematics. Her PhD. thesis dealt with the teaching of statistics at universities focusing on the development of statistical reasoning. Her research interests are in the area of statistics, teaching statistics, multivariate statistical methods and teaching mathematics. List of courses taught: Probability and Statistics, Statistical Methods in Economic Sciences, Mathematics I., and Statistical Methods in Statistical Analytical System.

E-mail: Erika.Liptakova@tuke.sk

Tomáš Malatinec, PhD., Assistant Professor

He has finished his PhD. study in the field of public administration and regional development at the Faculty of European Studies and Regional Development (Slovak University of Agriculture in Nitra) in 2014. He also has finished the study programme European Studies at the Faculty of Political Sciences and International Relations (University of Matej Bel in Banská Bystrica) and the study programme Law at the Faculty of Law (Trnava University in Trnava). His research activities are mainly focusing on public administration, public procurement, Europeanization of the public administration, efficiency in public administration and contract theory. His PhD. thesis was

focused on the efficiency of state administration in the field of trade licensing. He participates in several national and international research and educational projects.

Courses taught: Basics of Law for Economists, Administrative Law, Financial Law, Management and Governance of the European Union, Municipal Policy, Local Economic Development

E-mail: Tomas.Malatinec@tuke.sk

Lenka Maličká, PhD., Associate Professor

Her research interest is public finance especially fiscal decentralization. She participates in several projects. Courses taught: Public Finance, Public Choice, Local Self-Government Finance, Third Sector Finance.

E-mail: Lenka.Malicka@tuke.sk

Lucia Mihóková, PhD., Assistant Professor

Her research is focused on public finance and in particular on fiscal imbalance and its consolidation. Her research interests were presented in her PhD. thesis (The Fiscal Impact of Economic Crisis in V4 Countries). She participates in national and international research projects.

Courses taught: Finance and Currency, Tax and Taxation Systems.

E-mail: Lucia.Mihokova@tuke.sk

Rajmund Mirdala, PhD., Associate Professor

His research interests are in the areas of financial integration, financial deepening, monetary policy, exchange rates, monetary integration, economic integration, fiscal policy, transition economies and global imbalances. He is a member of 14 editorial boards of foreign scientific journals and referee for 9 domestic and foreign scientific journals. He is a project evaluator for national (VEGA) and international (SAIA) funding programs. He has participated in 2 international projects and 9 national research projects. Courses taught (in Slovak and English languages): Microeconomic (Bc.), Macroeconomics (Bc.), History of Money (Bc.), Economic Policy (Bc.), Monetary Macro-analysis (MSc.), Advanced Macroeconomic and Microeconomic Theory (PhD.), Theories and Models of Economic Growth (PhD.).

E-mail: Rajmund.Mirdala@tuke.sk

Alena Mojsejová, PhD., Assistant Professor

She is an Assistant Professor at the Department of Applied Mathematics and Business Informatics. She finished her PhD. study in the field of econometrics and operational research at the Faculty of Economic Informatics, University of Economics in Bratislava, in 2010. Her areas of research interest include statistical methods of household's income modelling, statistics of extreme values, modelling of extreme events in non-life insurance, econometrics and financial mathematics. List of courses taught by her (in Slovak and English language): Probability and Statistics, Statistical Methods, Mathematics I, Mathematics II, Demography and Social Statistics. She participates in several national and international research projects.

E-mail: Alena.Mojsejova@tuke.sk

Silvia Mrázková, PhD., Assistant Professor

She has finished her PhD. study in the field of valuation of intangible assets in 2018. Her research interests include the area of valuation of intangible assets and empirical analysis of the effect of intangible assets and R&D expenses on the firm performance. In May 2018, she has been awarded DAAD Research Scholarship for young academics (University of Wuppertal, 10/2018 - 06/2019).

E-mail: Silvia.Mrazkova@tuke.sk

Miroslava Nyulásziová, PhD., Assistant Professor

She has finished his PhD. study at the Faculty of Electrical Engineering and Informatics, Technical University of Košice, in 2018. Her research interests are in the areas of knowledge discovery, datamining, data analysis and knowledge-based approaches in information systems, business informatics, IT technologies.

E-mail: Miroslava.Nyulasziova@tuke.sk

Peter Nemec, MSc., Assistant Professor

He has finished the study programme Law at Faculty of Law (University of Pavol Jozef Šafárik in Košice) in 2008. He has also finished the study programme Economics and Management of public administration (Technical University of Košice) in 2016. His research activities are mainly focusing on public administration, public procurement and contract theory. Courses taught: Basics of Law, Administrative Law and Management and Governance of European Union.

E-mail: Peter.Nemec@tuke.sk

Miroslava Packová, PhD., Researcher

In research work she focuses on socio-economic domains Procurement & Supply Chains, Investments and bankruptcy models, Innovative Business Models, Innovation Management and Policy, Entrepreneurship, Circular Economy, Design of Digital Solutions.

He participated in several international projects and studies (CEE - CENTRALAB, I-CARE-SMART, CITYCIRCLE; DTP – InnoHPC, ATTRACTIVE DANUBE, CrowdStream, InnoSchool, KnowING IPR, Danube Archeological eLandscapes and MeAc Study for EC) and several national research and educational project (VEGA projects, TECHNICOM, etc.).

E-mail: Miroslava.Packova@tuke.sk

Daniela Palaščáková, PhD., Assistant Professor

The areas of research interests include: theory and practice of economics, creation of quality management systems in the context of competitive. She is participating in several national research projects. Course taught: International Economic Relations, Crisis Management, Political Science, Geopolitics, Sociology, Business Ethics.

E-mail: Daniela.Palascakova@tuke.sk

Dana Paľová, PhD., Assistant Professor

She is assistant professor at the Department of Applied Mathematics and Business Informatics and is responsible for education in subjects Informatics I, Informatics II, Applications for basic data processing, Marketing tools for the presentation and evaluation of business ideas. She is experienced in working and providing information using LMSs (eDoceo, Moodle, uLern), CMS (Joomla, Etomite, Drupal, WordPress). She acts as coordinator of distance learning at the Faculty of Economics of Košice. She achieved experiences in field of eLearning and ICT participating on the national and international level projects. Her areas of research interest include new technologies in field of e-learning, networking, internet and communications, business informatics and information systems design, business data analysis and datamining techniques applicable in economical sciences.

E-mail: Dana.Palova@tuke.sk

L'udmila Pavliková, PhD., Assistant Professor

Her research interests are in the area of investments and pension systems. She is also interested in areas of banking and insurance. At present she participates in several national research projects. Courses taught: Portfolio Analysis, Investment Project Appraisal, Pension systems, Actuarial Science.

E-mail: Ludmila.Pavlikova@tuke.sk

Jozef Porvazník, PhD., Assistant professor

His main area of professional interest is the Commercial banking - especially commercial planning, sales and marketing, clients' evaluations - using many years of managerial experience in several local bank branches and the bank headquarters. In parallel, he has taught at several universities for over 30 years.

E-mail: Jozef.Porvaznik@tuke.sk

Mojmír Prídavok, PhD., Researcher

In research work he focuses on socio-economic and technology domains, like Design and Development of Digital Solutions and Data analytics, Procurement & Supply Chains, Innovative Business Models, Innovation Management and Policy, Entrepreneurship, Circular Economy.

He participated in several international projects and studies (FP7 - eBEST; CEE - KASSETTS, CENTRALAB, I-CARE-SMART, CITYCIRCLE; DTP – InnoHPC, ATTRACTIVE DANUBE, CrowdStream, InnoSchool, KnowING IPR, Danube Archeological eLandscapes and MeAc Study for EC) and several national research and educational project (VEGA projects, TECHNICOM, etc.).

E-mail: Mojmir.Pridavok@tuke.sk

Manuela Raisová, PhD., Assistant Professor

Her research and scientific publications are focused on fiscal policy and sovereign debt, business environment of the Slovak Republic, Input-Output Economics and micro- and macro-economics. Courses taught: Quantitative micro-economics, Introduction to Macroeconomics, National Economy.

E-mail: Manuela.Raisova@tuke.sk

Libuša Révészová, PhD., Assistant Professor

Her areas of research interest include theory of teaching Informatics, mathematics, applications of informatics and mathematics in economy, modelling and business process modelling. List of courses taught: Mathematics I, Mathematics II, Informatics II., and Economic Information Systems.

E-mail: Libusa.Reveszova@tuke.sk

Tomáš Sabol, PhD., Professor

His research interests are in the areas of knowledge management and semantic technologies, e-government, socio-economic analysis of information and communication technology applications, Information society and Knowledge economy development. Courses taught: Valuation of Investment Projects and Project Management. Tomas has extensive experience in participation and in management of European R&D and educational projects. He also serves on editorial boards of journals, programme committees of international conferences, programme boards of international R&D programmes, acting as an evaluator and reviewer of EU projects for the European Commission etc.

E-mail: Tomas.Sabol@tuke.sk

Štefan Samson, PhD., Professor Emeritus

His research interests are in the areas of regional economics, world economy and history of economic thinking. He is also interested in economic and social issues of the Slovak Republic and of the European Union. He is participating in several national research projects.

E-mail: Stefan.Samson@tuke.sk

Marianna Siničáková, PhD., Associate Professor

Her research interests are: monetary policy, international and public finance. She teaches also economic subjects in French language within the programme of double diploma in the cooperation with the University of Nice in France. Marianna is participating in several research and educational projects. List of courses taught: Finance and Currency, Public Finance, International Finance, Monetary and Financial Macroeconomics, Economics of Industry.

E-mail: Marianna.Sinicakova@tuke.sk

Marek Skokan, PhD., Researcher

His research focuses on the fields of intelligent IoT based monitoring and controlling and composition of e-Government services employing semantic technologies. He participated in several EU research projects.

E-mail: Marek.Skokan@tuke.sk

Jakub Sopko, PhD., Assistant Professor

In research work he focuses on issues of commercial and central banking. His research is also oriented on measuring the efficiency in the health and banking sector with using suitable models. He participates in several national and international research projects. Courses taught: Banking, Central Banking, Management of Banking Operations.

E-mail: Jakub.Sopko@tuke.sk

Tatiana Soroková, PhD., Assistant Professor

Her research interests are in the areas of psychology of interpersonal relationships, psychology of social communication, stress, burn-out, frustration, deprivation and phenomenon of well being in life. She is also interested in presentation of psychological knowledge in the manner of socio-psychological practice that focuses on personality formation in top managers through psychological consultancy. Courses taught: Psychology of Social Communication, Psychology of Interpersonal Relationships, Efficient Communication and Overcoming Bottlenecks in the Teaching Process. At present she is participating in several national research projects. She is a member of the Association of Psychologists.

E-mail: Tatiana.Sorokova@tuke.sk

Adela Szalayová, MSc., Researcher

Her areas of research interest include new technologies in the field of computer techniques, networking, internet and communications.

E-mail: Adela.Szalayova@tuke.sk

Leoš Šafár, PhD., Assistant Professor

His field of research includes quantitative easing, financial markets and Industry 4.0. He defended his PhD. thesis about effects of QE on equities in 2019. He participates in several national and international research projects. Courses taught: Portfolio analysis, Investment Project Evaluation, Financial Investing.

E-mail: Leos.Safar@tuke.sk

Miriam Šebová, PhD., Associate Professor

She has a broad experience in research in the field of regional and local economics. Her research interest is focused mainly on cultural economics, economic impact studies and urban

sustainability. Courses taught: Theory of Public Administration, Sustainable Development, Workshop in Regional Economics, Bachelor seminar, Public Management.

E-mail: Miriam.Sebova@tuke.sk

Michal Šoltés, PhD., Associate Professor

His research is focused on financial investments, innovation management and financial derivatives. He is also interested in foreign direct investments and risk management. Recently, he focuses on the area of venture capital and its impact on SMEs and their performance. Courses taught: Actuarial Science, Financial Investments, Discussion Seminar.

E-mail: Michal.Soltes@tuke.sk

Vincent Šoltés, PhD., Professor

His research is in the areas of financial markets, financial derivatives, financial mathematics, and quantitative methods in economics, portfolio analysis and foreign direct investment. He is also interested in real and nominal convergence of economics in the Slovak Republic with the economies of EU countries. Courses taught: Financial Derivatives, Mathematics I.

E-mail: Vincent.Soltes@tuke.sk

L'ubica Štiblárová, PhD., Assistant Professor

Her areas of research interest include the issues of macroeconomics, international finance, with focus on the business cycle and monetary integration theories. Courses taught: Applied Econometrics, Econometrics, Environmental Finance and International Finance.

E-mail: Lubica.Stiblarova@tuke.sk

Tomáš Štofa, PhD., Assistant Professor

His research interests are in the field of alternative investments with emphasis on crowdsourcing and private equity capital. He is also interested in mechanisms in e-procurement and e-commerce. List of courses taught: SAP User I, SAP User II, SAP Consultant I, SAP Consultant II, Technical analysis and E-commerce.

E-mail: Tomas.Stofa@tuke.sk

Peter Šugerek, PhD., Assistant Professor

PhD.: Faculty of Science, P.J. Šafárik University in Košice, 2013. His research interests are in the area of discrete mathematics – graph theory (graph colourings, graph properties). List of courses taught: Mathematics I, Mathematics II.

E-mail: Peter.Sugerek@tuke.sk

Veronika Šuliková, PhD., Assistant Professor

Her research interests are in the field of open macroeconomics, international economics and international finance. She is also interested in panel data econometrics and time series econometrics. Courses taught: Monetary Macro-analysis, International Finance, Economic Policy, Macroeconomic Analysis (in French), External and Internal Imbalances (in French).

E-mail: Veronika.Sulikova@tuke.sk

Monika Timková, PhD., Assistant professor

Her research interests are in the areas of financial markets, financial derivatives and structured products. Her research interests were presented in her PhD. thesis (Structured products suitable

for declining financial markets). She is participating in several national research projects. Courses taught: Financial markets, Financial derivatives and Auditing and Tax Consulting.

E-mail: Monika.Timkova@tuke.sk

Andrea Tkáčová, PhD., Assistant professor

Her research activities are focused on business cycle and its prediction with composite leading indicators. She is also interested in public finance and finance of municipalities. Courses taught: Public finance, Finance of municipalities.

E-mail: Andrea.Tkacova@tuke.sk

Peter Tóth, PhD., Assistant Professor

His field of research includes agent-based modelling, econometrics and other quantitative methods in telecommunication systems, health care, public finance and agriculture production. He defended his PhD. thesis about new approaches in frequency spectrum markets in 2017. He has participated in several national projects. Courses taught: Public finance, Local Self-Government Finance, Business Economics, Auditing and Fiscal Consulting.

E-mail: Peter.Toth@tuke.sk

Radoslav Tušan, PhD., Assistant Professor

His research is focused on two directions: Economy and Finance of Environment and Accounting and Auditing International Standards. List of courses taught: Environmental Finance, Accounting I., Auditing and Fiscal Consulting, International Accounting Standards, Accounting of Public Sector, Accounting of Financial Institutions. He also teaches subjects in English within the Erasmus programme.

E-mail: Radoslav.Tusan@tuke.sk

Slavomíra Ťahlová, PhD., Assistant Professor

Her research interests are in the area of taxes and tax systems, and public finance. In this field she also defended her PhD. thesis "Corporate Tax as a Financial Policy Tool" at the Faculty of Economics, Technical University of Kosice in 2018. List of courses taught: Taxes and Tax Systems, Finance and Currency, Accounting of financial institutions, Local Self-Government Finance.

E-mail: Slavomira.Tahlova@tuke.sk

Peter Ľapák, MSc., Researcher

His research is focused on strategic planning, regional development and innovation policies, technical-economic studies, he gained as practitioner at various public institutions. Within his working experience, he worked at specialist in the topics of strategic planning, regional development and business innovations and support. His excellent contributions were acknowledged by appointing to several high-level professional positions including General Director of the Regional Policy Section at Ministry of Construction and Regional Development of the Slovak Rep., General Secretary at the Ministry of Construction and Regional Development of the Slovak Rep., the Head of Department of Regional Development, Territorial Planning and Environment at Kosice Self-governing Region.

He participated at variety of research and innovation projects, like OCOPOMO - Open Collaboration in Policy Modelling (FP7 – ICT), KNOWBRIDGE - The Cross Border Knowledge Bridge in the Renewable Energy Sources Cluster in the East Slovakia and North Hungary (FP7 – REGIONS), ELISE - European Life Science Ecosystems (INTERREG Europe), I-CARE-SMART - Boosting quadruple helix-based transnational collaboration to exploit the "silver economy"

(INTERREG CE), CITYCIRCLE - Circular economy hubs in peripheral urban centres (INTERREG CE).

E-mail: Peter.Tapak@tuke.sk

Nataša Urbančíková, PhD., Associate Professor

Areas of her research interest are regional science, human and social capital, marketing. She is also interested in project management. Courses taught: Marketing; Project Management; Programme management and Project Proposal Writing.

E-mail: Natasa.Urbancikova@tuke.sk

Martin Vejačka, PhD., Assistant Professor

The areas of his research interest include electronic banking and finance, e-banking security and web marketing. Another focus of his research is e-learning, e-government, IT technologies supporting economic activities and business informatics. He participated in several national (VEGA) and international research projects (FP6, LLP, ESF, Erasmus+). List of courses taught: Informatics I, Informatics II, Electronic Services in Banking, Economic Information Systems.

E-mail: Martin.Vejacka@tuke.sk

Jana Zausinová, PhD., Assistant Professor

Her areas of research interest include complexity economics, agent-based modelling, game theory, econometrics and economic aspects of complex systems. Topic of her dissertation thesis was Complexity Economics and Applications in Cognitive Radio. She is participant in APVV project. List of courses taught: International Finance, Economic Policy, Microeconomics, Game Theory, Econometrics.

E-mail: Jana.Zausinova@tuke.sk

Martin Zoričák, PhD., Assistant Professor

The areas of his research interest are complex systems, agent-based modeling, taxation, machine learning in economics. Topic of his dissertation thesis was Agent based model of tax competition. He is participant in APVV project. Courses taught: Accounting of financial institutions, Taxes and Tax Systems, Accounting I, Accounting II, Accounting in Information Systems.

E-mail: Martin.Zoricak@tuke.sk

Tomáš Želinský, PhD., Associate Professor

Tomáš Želinský is an Associate Professor at the Faculty of Economics, Technical University of Košice and an MSCA Research Fellow at the School of Education, Durham University (UK). He received his Ph.D. in Economics from the Institute of Economic Studies of Charles University (Prague, Czechia) and a Ph.D. in Finance from the Technical University of Košice. His research interests lie in the area of poverty measurement and behavioural economics, with a particular focus on the economic behaviour of the poor. He has been a principal investigator on four research projects and a member of a number of research teams. He has served on several conference and workshop programme and organising committees. During his academic career Tomáš has been awarded a number of scholarships and fellowships, such as: MSCA Global Fellowship (Durham University), The Australia Awards–Endeavour Scholarships and Fellowships (visiting Monash University in 2017/2018), Visegrad Scholarship Programme (visiting CERGE-EI in 2016/2017), The Group of Eight (Go8) European Fellowships (visiting The University of Melbourne in 2015/2016), Ernst Mach Grant for PostDocs (visiting The Vienna University of Economics and Business in 2011/2012), National Scholarship Programme of the Slovak Republic

(visiting The University of Economics in Prague & Charles University in 2008/2009), and Jan Hus Educational Foundation Scholarship for young researchers (in 2012/2013).
E-mail: Tomas.Zelinsky@tuke.sk

13 Publications Published In 2020

13.1 Books and Chapters in Books

AAB001 [228305] **Investičné rozhodovanie investorov z pohľadu korporátneho zdanenia** vedecká monografia/ Alena Andrejovská, Jozef Glova, Veronika Konečná - 1. vyd. - Košice : Technická univerzita v Košiciach - 2020. - 110 s. [CD-ROM]. - ISBN 978-80-553-3777-7. [ANDREJOVSKÁ, Alena - GLOVA, Jozef - KONEČNÁ, Veronika]

ACB001 [216696] **Analýza správania sa a vyjednávania v obchodnom prostredí** / Matúš Kubák, Anna Tomková - 1. vyd. - Prešov : Bookman - 2020. - 122 s. [print]. - ISBN 978-80-8165-389-6. [KUBÁK, Matúš - TOMKOVÁ, Anna]

ACB002 [216712] **Vybrané oblasti z marketingu a firemná kultúra** / Jaroslava Gbuřová, Matúš Kubák - 1. vyd. - Prešov : Bookman - 2020. - 119 s. [print]. - ISBN 978-80-8165-388-9. [GBUROVÁ, Jaroslava - KUBÁK, Matúš]

ACB003 [219834] **Monetárna makroanalýza** / Mirdala, Rajmund - 3. preprac. vyd. - Košice : Elfa - 2020. - 370 s. [print]. - ISBN 978-80-553-3594-0. [MIRDALA, Rajmund]

ACB004 [220426] **Platobný styk** / Kristína Kočišová - 1. vyd. - Košice : Technická univerzita v Košiciach - 2020. - 76 s. [CD-ROM]. - ISBN 978-80-553-3587-2. [KOČIŠOVÁ, Kristína]

AEC002 [222345] **ICT in the Education System: A View from Slovakia** / Juraj Šebo, Dana Pařová - 2020.In: ICT in Education and Implications for the Belt and Road Initiative. - Singapore (Singapur) : Springer Nature s. 167-185 . - ISBN 978-981-15-6156-6 [ŠEBO, Juraj - PAŘOVÁ, Dana]

AEC003 [222360] **Report on ICT in Education in the Slovak Republic** / Juraj Šebo, Dana Pařová - 2020.In: Comparative Analysis of ICT in Education Between China and Central and Eastern European Countries. - Singapore (Singapur) : Springer Nature s. 341-351 . - ISBN 978-981-15-6878-7 [ŠEBO, Juraj - PAŘOVÁ, Dana]

AEC004 [223906] **Distribution of Selected Health Technology in Regions of Slovakia** / Beáta Gavurová, Matúš Kubák - 2020.In: Encyclopedia of Information Science and Technology. - Hershey (USA) : IGI Global s. 1872-1887 [print]. - ISBN 978-1-7998-3479-3 [GAVUROVÁ, Beáta - KUBÁK, Matúš]

BCI001 [216113] **Účtovníctvo II. Zbierka príkladov**/ Lenka Hudáková Stašová - 1. vyd. - Košice : Technická univerzita v Košiciach - 2020. - 103 s. [print]. - ISBN 978-80-8086-278-7. [HUDÁKOVÁ STAŠOVÁ, Lenka]

13.2 Journal publications, Current Content

ADC001 [209489] **Perceptions of Migration and Diversity by Local Public Administrators** / Tomáš Malatíneck, Nataša Urbančíková, Oto Hudec - 2020.In: International migration. - Oxford (Veľká Británia) : Blackwell publishing Roč. 58, č. 2 (2020), s. 58-117 [print, online]. - ISSN 0020-7985 [MALATINEC, Tomáš - URBANČÍKOVÁ, Nataša - HUDEC, Oto]

ADC002 [215378] **Techno-economic framework for dynamic operator selection in a multi-tier heterogeneous network** / Gabriel Bugár ... [et al.] - 2020.In: Ad Hoc Networks. - Holandsko : Elsevier Roč. 97 (2020), s. art.no. 102007-art.no. 102007 [print]. - ISSN 1570-8705 [BUGÁR, Gabriel - VOLOŠIN, Marcel - MAKSYMUK, Taras - ZAUSINOVÁ, Jana - GAZDA, Vladimír -

HORVÁTH, Denis - GAZDA, Juraj]

ADC003 [215956] **Industry 4.0—Awareness in South India** / Leoš Šafár ... [et al.] - 2020.In: Sustainability. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 12, č. 8 (2020), s. 1-12 [online]. - ISSN 2071-1050
[ŠAFÁR, Leoš - SOPKO, Jakub - DANCAKOVÁ, Darya - WOSCHANK, Manuel]

ADC004 [216359] **The impact of technology development on the future of the labour market in the Slovak Republic** / Lucia Nováková - 2020.In: Technology in Society : An International Journal. - Amsterdam (Holandsko) : Elsevier Roč. 62 (2020), s. 1-12 [online]. - ISSN 0160-791X
[NOVÁKOVÁ, Lucia]

ADC005 [216959] **Two sides of the same union? Reviving the Optimum Currency Areas theory from the business cycle synchronisation perspective** / Ľubica Štiblárová, Marianna Siničáková - 2020.In: Post-Communist Economies. - Londýn (Veľká Británia) : Taylor & Francis Group Roč. 32, č. 3 (2020), s. 330-351 [print]. - ISSN 1463-1377
[ŠTIBLÁROVÁ, Ľubica - SINIČÁKOVÁ, Marianna]

ADC006 [217328] **Evaluation of economic potential of business environment development by comparing sector differences: perspective of SMEs in Czech Republic and Slovakia** / J. Belas ... [et al.] - 2020.In: Oeconomia Copernicana. - Toruň (Poľsko) : Katedra Ekonomii Roč. 11, č. 1 (2020), s. 135-159 [print, online]. - ISSN 2083-1277
[BELAS, Jaroslav - GAVUROVÁ, Beáta - ČEPEL, Martin - KUBÁK, Matúš]

ADC007 [217919] **Aspects of complexity in citizen-bureaucrat corruption: an agent-based simulation model** / Jana Zausinová ... [et al.] - 2020.In: Journal of Economic Interaction and Coordination = JEIC. Roč. 15, č. 2 (2020), s. 527-552 [print]. - ISSN 1860-711X
[ZAUSINOVÁ, Jana - ZORIČÁK, Martin - VOLOŠIN, Marcel - GAZDA, Vladimír]

ADC008 [218922] **Bankruptcy prediction for small- and medium-sized companies using severely imbalanced datasets** / Martin Zoričák ... [et al.] - 2020.In: Economic Modelling : The International Journal of Theoretical and Applied Papers on Economic Modelling. - Amsterdam (Holandsko) : Elsevier Roč. 84 (2020), s. 165-176 [print]. - ISSN 0264-9993
[ZORIČÁK, Martin - GNIP, Peter - DROTÁR, Peter - GAZDA, Vladimír]

ADC009 [219256] **Exploration of Influence of Socioeconomic Determinants on Mortality in the European Union** / Beáta Gavurová ... [et al.] - 2020.In: International Journal of Environmental Research and Public Health = IJERPH : Open Access Journal. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 17, č. 13 (2020), s. 1-21 [print, online]. - ISSN 1661-7827
[GAVUROVÁ, Beáta - KHOURI, Samer - KOVÁČ, Viliam - FERKOVÁ, Michaela]

ADC010 [219264] **Economic value estimation of the natural heritage of the Tatra national park** / Matúš Kubák, Beáta Gavurová, Klaudia Legutká - 2020.In: International Journal of Environmental Research and Public Health = IJERPH : Open Access Journal. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 17, č. 9 (2020), s. [1-17] [print, online]. - ISSN 1661-7827
[KUBÁK, Matúš - GAVUROVÁ, Beáta - LEGUTKA, Klaudia]

ADC011 [219270] **Interaction of socioeconomic status with risky internet use, gambling and substance use in adolescents from a structurally disadvantaged region in central europe** / Petruzelka Benjamin ... [et al.] - 2020.In: International Journal of Environmental Research and Public Health = IJERPH : Open Access Journal. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 17, č. 13 (2020), s. 1-16 [print, online]. - ISSN 1661-7827
[PETRUZELKA, Benjamin - VACEK, Jaroslav - GAVUROVÁ, Beáta - KUBÁK, Matúš - GABRHELIK, Roman - ROGALEWICZ, Vladimir - BARTAK, Miroslav]

ADC012 [221484] **Impact of direct traffic effect on online sales** / Lukáš Kakalejčík, Jozef Bucko, Jakub Danko - 2020.In: Journal of Research in Interactive Marketing. - Bingley (Veľká Británia) : Emerald Group Publishing Roč. 14, č. 1 (2020), s. 17-32 [online]. - ISSN 2040-7122
[KAKALEJČÍK, Lukáš - BUCKO, Jozef - DANKO, Jakub]

ADC013 [222313] **Research and Development Efficiency in Public and Private Sectors: An Empirical Analysis of EU Countries by Using DEA Methodology** / Martina Halaskova, Beáta Gavurová, Kristína Kočišová - 2020.In: Sustainability. - Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 12, č. 17 (2020), s. 1-22 [online]. - ISSN 2071-1050
[HALÁSKOVÁ, Martina - GAVUROVÁ, Beáta - KOČIŠOVÁ, Kristína]

ADC014 [223238] **Vliv zvolených faktorů na výsledek elektronických reverzních aukcí** / Vojtěch Klézl ... [et al.] - 2020.In: Politická ekonomie. - Praha (Česko) : Vysoká škola ekonomická v Praze Roč. 68, č. 1 (2020), s. 62-85 [print, online]. - ISSN 0032-3233.
[KLÉZL, Vojtěch - DELINA, Radoslav - SENDERÁKOVÁ, Lenka - TKÁČ, Michal]

ADC015 [223814] **Edge-coloring of plane multigraphs with many colors on facial cycles** / Július Czap, Stanislav Jendroľ, Juraj Valiska - 2020.In: Discrete Applied Mathematics : The Journal of Combinatorial Algorithms, Informatics and Computational Sciences. - Amsterdam (Holandsko) : Elsevier č. 282 (2020), s. 80-85 [print, online]. - ISSN 0166-218X
[CZAP, Július - JENDROĽ, Stanislav - VALISKA, Juraj]

ADC016 [223988] **Decentralized optimization of the flexible production lines** / Peter Malega ... [et al.] - 2020.In: Advances in Production Engineering & Management. Roč. 15, č. 3 (2020), s. 267-276 [print]. - ISSN 1854-6250
[MALEGA, Peter - RUDY, Vladimír - KANÁSZ, Róbert - GAZDA, Vladimír]

ADC017 [224302] **Sustainable public procurement in Central European countries. Can it also bring savings?** / Peter Džupka, Matúš Kubák, Peter Nemeč - 2020.In: Sustainability. - Bazilej (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 12, č. 21 (2020), s. [1-13] [online]. - ISSN 2071-1050
[DŽUPKA, Peter - KUBÁK, Matúš - NEMEC, Peter]

ADC018 [226565] **Competition in public procurement in the Czech and Slovak public health care sectors** / Juraj Nemeč ... [et al.] - 2020.In: Healthcare. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 8, č. 3 (2020), s. [1-14] [online]. - ISSN 2227-9032 (online).
[NEMEC, Juraj - KUBÁK, Matúš - KRAPEC, Milan - HOREHÁJOVÁ, Mária]

ADD001 [216507] **The Link between Fiscal Decentralization and Ethnolinguistic Fragmentation of the Population in OECD Countries** / Lenka Maličková, Jakub Križko - 2020.In: Ekonomický časopis = Journal of economics : časopis pre ekonomickú teóriu, hospodársku politiku, spoločensko-ekonomické prognózovanie. - Bratislava (Slovensko) : Ekonomický ústav Roč. 68, č. 4 (2020), s. 340-359 [print]. - ISSN 0013-3035
[MALIČKÁ, Lenka - KRIŽKO, Jakub]

ADD002 [220261] **Competition and Stability in the European Global Systemically Important Banks** / Kristína Kočišová - 2020.In: Ekonomický časopis = Journal of economics : časopis pre ekonomickú teóriu, hospodársku politiku, spoločensko-ekonomické prognózovanie. - Bratislava (Slovensko) : Ekonomický ústav Roč. 68, č. 5 (2020), s. 431-454 [print]. - ISSN 0013-3035
[KOČIŠOVÁ, Kristína]

13.3 Scientific articles in journals registred in Web of Science or SCOPUS databases

ADM001 [215990] **The financial transaction tax: an ANOVA assessment of selected EU countries** / Manuela Raisová, Martina Regásková, Kornélia Lazányi - 2020.In: Equilibrium: Quarterly Journal of Economics and Economic Policy. Roč. 15, č. 1 (2020), s. 29-48 [print]. - ISSN 1689-765X
[RAISOVÁ, Manuela - REGÁSKOVÁ, Martina - LAZÁNYI, Kornélia]

ADM002 [215992] **Capital placement in the context of effective corporate taxation in the V4 countries** / Alena Andrejovská, Veronika Konečná - 2020.In: Montenegrin Journal of Economics. - Podgorica (Čierna Hora): ELIT - Economic Laboratory for Transition Research, 2005 Roč. 16, č. 1 (2020), s. 227-239 [print, online]. - ISSN 1800-5845
[ANDREJOVSKÁ, Alena - KONEČNÁ, Veronika]

ADM003 [216111] **Implementing a decision support system in the transport process management of a small Slovak transport company** / Miroslava Nyulásziová, Dana Pařová - 2020.In: Journal of Entrepreneurship, Management and Innovation = JEMI. Roč. 16, č. 1 (2020), s. 75-105 [print]. - ISSN 2299-7075

[NYULÁSZIOVÁ, Miroslava - PAŘOVÁ, Dana]

ADM004 [216115] **Project-based learning as a tool of enhancing of entrepreneurial attitude of students** / Dana Pařová, Martin Vejačka, Lukáš Kakalejčík - 2020.In: Advances in Science, Technology and Engineering Systems Journal : a bimonthly peer-review journal. - Chicago (USA) : Advances in Science, Technology and Engineering Systems Journal Roč. 5, č. 1 (2020), s. 346-354 [online]. - ISSN 2415-6698 (online)

[PAŘOVÁ, Dana - VEJAČKA, Martin - KAKALEJČÍK, Lukáš]

ADM005 [216425] **Investor decision-making in the context of the effective corporate taxation** / Veronika Konečná, Alena Andrejovská - 2020.In: E + M. Ekonomie a management = E&M Economics and Management. - Liberec (Česko) : Technická univerzita v Liberci Roč. 23, č. 1 (2020), s. 111-120 [print, online]. - ISSN 1212-3609

[KONEČNÁ, Veronika - ANDREJOVSKÁ, Alena]

ADM006 [216457] **The Efficiency of Public Health and Medical Care Systems in EU Countries: Dynamic Network Data Envelopment Analysis** / Kristína Kočiřová, Jakub Sopko - 2020.In: Acta Universitatis agriculturae et silviculturae Mendeliana Brunensis = Acta of Mendel University of Agriculture and Forestry Brno = Acta Mendelovy zemědělské a lesnické univerzity v Brně = Sborník Mendelovy zemědělské a lesnické univerzity v Brně. - Brno (Česko) : Mendelova univerzita v Brně Roč. 68, č. 2 (2020), s. 383-394 [print, online]. - ISSN 1211-8516

[KOČIŘOVÁ, Kristína - SOPKO, Jakub]

ADM007 [216618] **Research podgorica determinant effects of political and economic factors on country risk: An evidence from the EU Countries** / Jozef Glova, Werner Bernatík, Oksana Tulai - 2020.In: Montenegrin Journal of Economics. - Podgorica (Čierna Hora) : ELIT - Economic Laboratory for Transition Research, 2005 Roč. 16, č. 1 (2020), s. 37-53 [print, online]. - ISSN 1800-5845

[GLOVA, Jozef - BERNATÍK, Werner - TULAI, Oksana]

ADM008 [217217] **Design and development of ultra-light and rear axle of experimental vehicle** / Ján Kráľ ... [et al.] - 2020.In: Open Engineering. - Berlín (Nemecko) : De Gruyter Roč. 10, č. 1 (2020), s. 232-237 [online]. - ISSN 2391-5439

[KRÁĽ, Ján ml. - PALKO, Miroslav - PALKO, Maroš - PAVLIKOVÁ, Ľudmila]

ADM009 [217534] **The application of data envelopment analysis for evaluation of efficiency of healthcare delivery for cvd patients** / Kristína Kočiřová, Malgorzata Cyganska, Magdalena Kludacz-Alessandri - 2020.In: E + M. Ekonomie a management = E&M Economics and Management. - Liberec (Česko) : Technická univerzita v Liberci Roč. 23, č. 2 (2020), s. 96-113 [print, online]. - ISSN 1212-3609

[KOČIŘOVÁ, Kristína - CYGANSKA, Malgorzata - KLUDACZ-ALESSANDRI, Magdalena]

ADM010 [217668] **Private Equity Determinants In European Union** / Tomáš Štofa, Michal Šoltés - 2020.In: Montenegrin Journal of Economics. - Podgorica (Čierna Hora) : ELIT - Economic Laboratory for Transition Research, 2005 Roč. 16, č. 2 (2020), s. 131-141 [print, online]. - ISSN 1800-5845

[ŠTOFA, Tomáš - ŠOLTÉS, Michal]

ADM011 [219257] **Discrepancies in Perception and Evaluation of Macroenvironment – Sectoral Analysis** / Jaroslav Belás ... [et al.] - 2020.In: Journal of Business Economics and Management. - Taylor & Francis Group Roč. 21, č. 4 (2020), s. 1072-1092 [print, online]. - ISSN 1611-1699

[BELÁS, Jaroslav - GAVUROVÁ, Beáta - KUBÁLEK, Jan - KUBÁK, Matúř]

ADM012 [219399] **The Ability of Selected European Countries to Face the Impending Economic Crisis Caused by COVID-19 in the Context of the Global Economic Crisis of 2008** / Róbert Oravský, Peter Tóth, Anna Bánociová - 2020.In: Journal of Risk and Financial Management. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute Roč. 13, č. 8 (2020), s. [1-17] [print, online]. - ISSN 1911-8066

[ORAVSKÝ, Róbert - TÓTH, Peter - BÁNOCIOVÁ, Anna]

ADM013 [220970] **Assessment of the Redistribution Function of Corporate Income Tax** / Slavomíra Ťahlová, Anna Bánociová - 2020.In: Montenegrin Journal of Economics. - Podgorica (Čierna Hora) : ELIT - Economic Laboratory for Transition Research, 2005 Roč. 16, č. 3 (2020), s. 57-67 [print, online]. - ISSN 1800-5845

[ŤAHLOVÁ, Slavomíra - BÁNOCIOVÁ, Anna]

ADM014 [221245] **Evidence-based analysis: the success factors of a new competitor entering the negotiation in B2B e-procurement** / Radoslav Delina, Renáta Olejárová - 2020.In: Applied Economics Letters. - Abingdon (Veľká Británia) : Taylor & Francis Group Roč. 27 (2020), s. 1-6 [print]. - ISSN 1350-4851

[DELINA, Radoslav - OLEJÁROVÁ, Renáta]

ADM015 [221611] **Managing growth opportunities in the digital era – an empiric perspective of value creation** / Raphaela Balzer, Martin Užík, Jozef Glova - 2020.In: Polish Journal of Management Studies = PJMS. - Czechochowa (Poľsko) : Wydział Zarządzania Roč. 21, č. 2 (2020), s. 87-100 [print, online]. - ISSN 2081-7452

[BALZER, Raphaela - UŽÍK, Martin - GLOVA, Jozef]

ADM016 [221656] **Virulence, phylogenetic background and antimicrobial resistance in Escherichia coli associated with extraintestinal infections** / Katarína Čurová ... [et al.] - 2020.In: Journal of infection and public health. - Oxford (Veľká Británia) : Elsevier Roč. 13, č. 10 (2020), s. 1537-1543 [print, online]. - ISSN 1876-0341

[ČUROVÁ, Katarína - SLEBODNÍKOVÁ, Radka - KMEŤOVÁ, Marta - HRABOVSKÝ, Vladimír - MARUNIAK, Matúš - LIPTÁKOVÁ, Erika - SIEGFRIED, Leonard]

ADM017 [222689] **Investment allocation in Slovakia and Ukraine in terms of effective corporate tax rates** / Alena Andrejovská, Jozef Glova, Oksana Tulai - 2020.In: Investment Management and Financial Innovations. - Sumy (Ukrajina) : Business Perspectives Roč. 17, č. 3 (2020), s. 332-344 [print, online]. - ISSN 1810-4967

[ANDREJOVSKÁ, Alena - GLOVA, Jozef - TULAI, Oksana]

ADM018 [222807] **Traditional and Alternative Business Cycle Dating Procedures: Evidence for the Euro Area and the Czech Economy** / Ľubica Štiblárová - 2020.In: Acta Universitatis agriculturae et silviculturae Mendelianae Brunensis = Acta of Mendel University of Agriculture and Forestry Brno = Acta Mendelovy zemědělské a lesnické univerzity v Brně = Sborník Mendelovy zemědělské a lesnické univerzity v Brně. - Brno (Česko) : Mendelova univerzita v Brně Roč. 68, č. 1 (2020), s. 263-274 [print, online]. - ISSN 1211-8516

[ŠTIBLÁROVÁ, Ľubica]

ADM019 [222880] **Unveiling Trends in Cultural Participation: The Case of Slovakia** / Miriam Šebová, Zuzana Révészová - 2020.In: Social sciences : open access journal. - Basel (Švajčiarsko) : Multidisciplinary Digital Publishing Institute, 2011 Roč. 9, č. 11 (2020), s. 2-14 [online]. - ISSN 2076-0760 (online)

[ŠEBOVÁ, Miriam - RÉVÉSZOVÁ, Zuzana]

ADM020 [223294] **European cities: What matters for subjective well-being?** / Jakub Gajdoš, Oto Hudec - 2020.In: Theoretical and Empirical Researches in Urban Management. - Bukurešť (Rumunsko) : Academia de Studii Economice din Bucuresti Roč. 15, č. 4 (2020), s. 5-20 [print]. - ISSN 2065-3913

[GAJDOŠ, Jakub - HUDEC, Oto]

ADM021 [223694] **Analysis of Online Consumer Behavior - Design of CRISP-DM Process Model** / Emil Exenberger, Jozef Bucko - 2020.In: AGRIS on-line Papers in Economics and Informatics. Roč. 12, č. 3 (2020), s. 13-22 [online]. - ISSN 1804-1930

[EXENBERGER, Emil - BUCKO, Jozef]

ADM022 [223817] **Facial rainbow edge-coloring of simple 3-connected plane graphs** / Július Czap - 2020.In: Opuscula Mathematica. - Krakov (Poľsko) : Wydział Matematyki Stosowanej Roč. 40, č. 4 (2020), s. 475-482 [print]. - ISSN 1232-9274

[CZAP, Július]

ADM023 [223891] **The efficiency of hospitals: platform for sustainable health care system** / Beáta Gavurová, Kristína Kočišová - 2020. In: Entrepreneurship and Sustainability Issues. - Vilnius (Litva) : Entrepreneurship and sustainability center Roč. 8, č. 2 (2020), s. 133-146 [online]. - ISSN 2345-0282 [GAVUROVÁ, Beáta - KOČIŠOVÁ, Kristína]

ADM024 [223896] **The efficiency of public procurement in the health sector – the platform on sustainable public finances** / Beáta Gavurová, Matúš Kubák, Martin Mikeska - 2020. In: Administratie si Management Public. - Bucharest (Rumunsko) : The Bucharest University of Economic Studies č. 35 (2020), s. 21-39 [print, online]. - ISSN 1583-9583 [GAVUROVÁ, Beáta - KUBÁK, Matúš - MIKESKA, Martin]

ADM025 [225409] **Effects of Quantitative Easing Announcements on Equities: EU Evidence** / Leoš Šafár ... [et al.] - 2020. In: AD ALTA : journal of interdisciplinary research : recenzovaný mezinárodní vědecký časopis. - Hradec Králové (Česko) : Magnanimitas akademické sdružení Roč. 10, č. 2 (2020), s. 83-90 [print, online]. - ISSN 1804-7890 [ŠAFÁR, Leoš - GLOVA, Jozef - ANDREJOVSKÁ, Alena - SOPKO, Jakub]

ADM026 [225533] **Purpose of Patient Satisfaction for Efficient Management of Healthcare Provision** / Beáta Gavurová, Viliam Kováč, Samer Khouri - 2020. In: Polish Journal of Management Studies = PJMS. - Czestochowa (Polsko) : Wydział Zarządzania Roč. 22, č. 1 (2020), s. 134-146 [print, online]. - ISSN 2081-7452 [GAVUROVÁ, Beáta - KOVÁČ, Viliam - KHOURI, Samer]

ADM027 [225869] **Persistence of Gender Stereotypes in Sports** / Daniela Palašćáková, Lenka Palašćáková - 2020. In: Journal of Women's Entrepreneurship and Education. - Belgrade (Srbsko) : International Institute of Social and Economic Sciences č. 1-2 (2020), s. 72-86 [print]. - ISSN 1821-1283 [PALAŠĆÁKOVÁ, Daniela - PALAŠĆÁKOVÁ, Lenka]

ADM028 [226567] **Statistical Analysis of Suitability of the Activity Based Costing Method in Agricultural Enterprises** / Lenka Hudáková Stašová - 2020. In: Agricultural and Resource Economics : International Scientific E-Journal. - Kharkiv (Ukrajina) : Institute of Eastern European Research and Consulting Roč. 6, č. 4 (2020), s. 20-42 . - ISSN 2414-584X [HUDÁKOVÁ STAŠOVÁ, Lenka]

ADM029 [227485] **Analysis of Students' Approach to the Study of Informatics During Pandemic Quarantine** / Dana Paľová, Miroslava Nyulásziová, Martin Vejačka - 2020. In: Journal of Women's Entrepreneurship and Education. - Belgrade (Srbsko) : International Institute of Social and Economic Sciences č. 3-4 (2020), s. 79-98 [print]. - ISSN 1821-1283 [PAĽOVÁ, Dana - NYULÁSZIOVÁ, Miroslava - VEJAČKA, Martin]

ADM022 [227233] **Tax GAP as a tool for Measuring VAT evasion in the EU countries** / Alena Andrejovská, Veronika Konečná, Jana Hakalová - 2020. In: AD ALTA: journal of interdisciplinary research : recenzovaný mezinárodní vědecký časopis. - Hradec Králové (Česko) : Magnanimitas akademické sdružení Roč. 10, č. 2 (2020), s. 8-13 [print, online]. - ISSN 1804-7890 [ANDREJOVSKÁ, Alena - KONEČNÁ, Veronika - HAKALOVÁ, Jana]

ADN - Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS(4)

ADN001 [221024] **New Approach to Portfolio Creation Using the Minimum Spanning Tree Theory and Its Robust Evaluation** / Jakub Danko, Vincent Šoltés, Tomáš Bindzár - 2020. In: Kvalita Inovácia Prosperita = Quality Innovation Prosperity. - Košice (Slovensko) : Nadácia Q-Impulz Roč. 24, č. 2 (2020), s. 22-33 [print, online]. - ISSN 1335-1745 [DANKO, Jakub - ŠOLTÉS, Vincent - BINDZÁR, Tomáš]

ADN002 [221314] **Consumption of Food in the EU by the Degree of Urbanization: Data Visualization and Cluster Analysis of the EU Sample** / Lenka Maličková - 2020. In: Potravinárstvo Slovak Journal of Food

Sciences = Slovak Journal of Food Sciences : vedecký časopis pre potravinárstvo. - Nitra (Slovensko) : HACCP Consulting Roč. 14 (2020), s. 343-350 [print, online]. - ISSN 1338-0230
[MALIČKÁ, Lenka]

ADN003 [221489] **The role of supplier quality in e-procurement negotiation** / Radoslav Delina ... [et al.] - 2020.In: Kvalita Inovácia Prosperita = Quality Innovation Prosperity. - Košice (Slovensko) : Nadácia Q-Impulz Roč. 24, č. 1 (2020), s. 29-39 [print, online]. - ISSN 1335-1745
[DELINA, Radoslav - MICHŇOVÁ, Mária - HÚSKA, Peter - SPIŠÁK, Ján]

ADN004 [225736] **Social Entrepreneurship as a Tool of Sustainable Development** / Jozef Blanda, Nataša Urbančíková - 2020.In: Kvalita Inovácia Prosperita = Quality Innovation Prosperity. - Košice (Slovensko) : Nadácia Q-Impulz Roč. 24, č. 3 (2020), s. 21-36 [print, online]. - ISSN 1335-1745
[BLANDA, Jozef - URBANČIKOVÁ, Nataša]

13.4 Scientific papers in the international and domestic journals

ADE001 [219984] **The Role of the Labour Market in Wealth Accumulation** / Marcela Barčáková, Nikola Šubová - 2020.In: Izzivi prihodnosti : Challenges of the Future. - Novo mesto (Slovensko) : Faculty of Organization Studies in Novo mesto Roč. 5, č. 3 (2020), s. 174-184 [print]. - ISSN 2463-9281
[BARČÁKOVÁ, Marcela - ŠUBOVÁ, Nikola]

ADE002 [222156] **Differences of Private Equity Determinants: Country-level Evidence from Europe** / Tomáš Štofa, Michal Šoltés - 2020.In: Ekonomický časopis = Journal of economics : časopis pre ekonomickú teóriu, hospodársku politiku, spoločensko-ekonomické prognózovanie. - Bratislava (Slovensko) : Ekonomický ústav Roč. 68, č. 8 (2020), s. 827-845 [print]. - ISSN 0013-3035
[ŠTOFA, Tomáš - ŠOLTÉS, Michal]

ADE003 [223903] **Industry 4.0 and Social Development in the Aspect of Sustainable Development: Relations in EC Countries** / Joanna Wyrwa ... [et al.] - 2020.In: European Research Studies. Roč. 23, č. 4 (2020), s. 1068-1097 [print]. - ISSN 1108-2976
[WYRWA, Joanna - BARSKA, Anetta - JEĐRZEJCZAK-GAS, Janina - SINIČÁKOVÁ, Marianna]

ADE004 [224532] **Efficient Monetary Integration as a Path to Higher Sustainability in Africa** / Marianna Siničáková, Tomáš Mušínský, Laura Fotulová - 2020.In: ERENET Profile. Roč. 15, č. 4 (2020), s. 28-36 [online]. - ISSN 1789-624X (online)
[SINIČÁKOVÁ, Marianna - MUŠINSKÝ, Tomáš - FOTULOVÁ, Laura]

ADE005 [224887] **Using Data Envelopment Analysis in Credit Risk Evaluation of ICT Companies** / Michaela Kavčáková, Kristína Kočišová - 2020.In: AGRIS on-line Papers in Economics and Informatics. Roč. 12, č. 4 (2020), s. 47-60 [online]. - ISSN 1804-1930
[KAVČÁKOVÁ, Michaela - KOČIŠOVÁ, Kristína]

ADE006 [224888] **An assessment of consumer behavior in the quality to price relationship of tomatoes in the Slovak Republic environment** / Emil Exenberger, Jozef Bucko, Pavol Rabatin - 2020.In: Journal of Eastern European and Central Asian Research. - Minneapolis (USA) : Institute of Eastern Europe and Central Asia Roč. 7, č. 3 (2020), s. 267-279 [print]. - ISSN 2328-8272
[EXENBERGER, Emil - BUCKO, Jozef - RABATIN, Pavol]

ADE007 [225870] **The Relationship between Education, Employment and Income** / Lenka Palaščáková, Daniela Palaščáková - 2020.In: Education of economists and managers = Edukacja Ekonomistów i Menedżerów. - Varšava (Poľsko) : Instytut Kapitału Ludzkiego Szkoły Głównej Handlowej Roč. 55, č. 1 (2020), s. 7-21 [online]. - ISSN 1734-087X
[PALAŠČÁKOVÁ, Lenka - PALAŠČÁKOVÁ, Daniela]

ADE008 [226566] **Efektívnosť verejného obstarávania v slovenskom zdravotníctve** / Juraj Nemeč ... [et al.] - 2020.In: Český finanční a účetní časopis. - Praha (Česko) : Fakulta financí a účetnictví Roč. 15,

č. 1 (2020), s. 27-39 [print]. - ISSN 1802-2200
[NEMEC, Juraj - GREGA, Matúš - HOREHÁJOVÁ, Mária - KUBÁK, Matúš]

ADE009 [226782] **Efficiency of eLearning Educational Process in the Course of Electronic Services in Banking** / Martin Vejačka - 2020.In: Universal Journal of Educational Research. - San Jose (USA) : Horizon Research Publishing Roč. 8, č. 12 (2020), s. 6527-6535 [print, online]. - ISSN 2332-3205
[VEJAČKA, Martin]

ADE010 [226854] **The influence of the transaction tax on the selected economic indicators** / Martina Regásková, Anna Bánociová - 2020.In: AD ALTA : journal of interdisciplinary research : recenzovaný medzioborový vedecký časopis. - Hradec Králové (Česko) : Magnanimitas akademické sdružení Roč. 10, č. 2 (2020), s. 275-280 [print, online]. - ISSN 1804-7890
[REGÁSKOVÁ, Martina - BÁNOCIOVÁ, Anna]

ADF001 [216637] **Kvalitatívne a kvantitatívne indikátory hodnotenia ekonomických aspektov bezbariérovosti** / Oliver Pisár - 2020.In: Exclusive journal : economy and society and environment. - Prešov (Slovensko) : eXclusive marketing Roč. 8, č. 1 (2020), s. 79-87 [print]. - ISSN 1339-0260
[PISÁR, Oliver]

ADF002 [216708] **Effective Corporate Taxation in EU Countries** / Alena Andrejovská, Martina Regásková - 2020.In: Transactions of the Universities of Košice : research reports from the Universities of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach č. 1 (2020), s. 1-5 [print]. - ISSN 1335-2334
[ANDREJOVSKÁ, Alena - REGÁSKOVÁ, Martina]

ADF003 [216714] **Effective Corporate Tax Rate, its Indicators and Method of Computing** / Veronika Konečná - 2020.In: Transactions of the Universities of Košice : research reports from the Universities of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach č. 1 (2020), s. 18-22 [print]. - ISSN 1335-2334
[KONEČNÁ, Veronika]

ADF004 [216725] **Effective Corporate Taxation in the Sector of Agriculture – The Case of Slovakia** / Michala Inkábová - 2020.In: Transactions of the Universities of Košice : research reports from the Universities of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach č. 1 (2020), s. 12-17 [print]. - ISSN 1335-2334
[INKÁBOVÁ, Michala]

ADF005 [216784] **Reporting on Financial Instruments According to IASIFRS in Slovak Banking Sector** / Martina Regásková, Anna Bánociová - 2020.In: Transactions of the Universities of Košice : research reports from the Universities of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach č. 1 (2020), s. 36-42 [print]. - ISSN 1335-2334
[REGÁSKOVÁ, Martina - BÁNOCIOVÁ, Anna]

ADF006 [217048] **The Impact of the Micro-Taxpayer Institute on the Corporate Sector and Corporate Tax** / Róbert Oravský, Anna Bánociová - 2020.In: Transactions of the Universities of Košice : research reports from the Universities of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach č. 1 (2020), s. 23-27 [print]. - ISSN 1335-2334
[ORAVSKÝ, Róbert - BÁNOCIOVÁ, Anna]

ADF007 [217127] **Effective Average Tax Rate and their Determinants in the Context of Investment Decision-Making: Literature Review** / Slavomíra Ťahlová - 2020.In: Transactions of the Universities of Košice : research reports from the Universities of Košice. - Košice (Slovensko) : Technická univerzita v Košiciach č. 1 (2020), s. 43-50 [print]. - ISSN 1335-2334
[ŤAHLVÁ, Slavomíra]

ADF008 [217186] **Finančná gramotnosť - psychologické aspekty chápania hodnoty peňazí** / Tatiana Soroková - 2020.In: Didaktika : odborný časopis pre výchovu a vzdelávanie. - Bratislava (Slovensko) : Wolters Kluwer SR Roč. 1, č. 2 (2020), s. 11-13 [print]. - ISSN 1338-2845
[SOROKOVÁ, Tatiana]

ADF009 [218909] **Index ľudského rozvoja: hodnotenie a klasifikácia európskych krajín pomocou**

viacrozmerných metód / Iveta Stankovičová, Alena Mojsejová - 2020.In: Slovenská štatistika a demografia = Slovak Statistics and Demography : vedecký časopis. - Bratislava (Slovensko) : Štatistický úrad SR Roč. 30, č. 3 (2020), s. 9-39 [print, online]. - ISSN 1210-1095 [STANKOVIČOVÁ, Iveta - MOJSEJOVÁ, Alena]

ADF010 [220379] **Mapping with Care as an Outline for Post-neoliberal Architecture Methodologies – Tools of the "Never-never School"HOOL** / Lýdia Grešáková, Zuzana Tabačková, Zuzana Révészová - 2020.In: Architektúra & urbanizmus = Architecture and town planning : časopis pre teóriu architektúry a urbanizmu. - Bratislava (Slovensko) : Ústav stavebníctva a architektúry Roč. 54, č. 1-2 (2020), s. 6-19 [print]. - ISSN 0044-8680 [GREŠÁKOVÁ, Lýdia - TABAČKOVÁ, Zuzana - RÉVÉSZOVÁ, Zuzana]

ADF011 [225553] **Development of electricity prices in the V4 countries and econometric model of forecasting spot electricity prices in Slovakia** / Kristína Petrušková, Erika Liptáková - 2020.In: Advances in Thermal Processes and Energy Transformation. - Prešov (Slovensko) : Energetická konzultačná agentúra, 2018 Roč. 3, č. 1 (2020), s. 14-24 [online]. - ISSN 2585-9102 [PETRUŠKOVÁ, Kristína - LIPTÁKOVÁ, Erika]

ADF012 [227320] **Statistical measures of the association between two ordinal variables** / Erika Liptáková - 2020. In: Slovak Journal of Sport Science : Scientific Peer-reviewed Journal. - Banská Bystrica (Slovensko) : Univerzita Mateja Bela v Banskej Bystrici Roč. 7, č. 2 (2020), s. 55-61 [print, online]. - ISSN 2453-7659 Spôsob prístupu: <http://ojs.umb.sk/index.php/sjss/article/view/202...> [LIPTÁKOVÁ, Erika]

13.5 International Conferences

AEC001 [217537] How to Eliminate Outliers on the Input and Output Side in DEA Using R / Kristína Kočíšová - 2020.In: Education, Law, Business : Collection of scientific articles. - Mardid (Španielsko) : Cartero Publishing House s. 40-45 [online]. Spôsob prístupu: <http://conferencii.com/files/archive/2020-04.pdf#page=40>. [KOČIŠOVÁ, Kristína]

AED001 [215420] Dreams / Zuzana Révészová, Hana Skljarszka - 2020.In: Mapping the in-between : Interdisciplinary methods for envisioning other futures. - Košice (Slovensko) : Spolka, 2020 s. 20-26 [print]. - ISBN 978-80-973580-0-6 [RÉVÉSZOVÁ, Zuzana - SKLJARSZKA, Hana]

AED002 [226564] Analýza príjmov a výdavkov domácností dôchodcov na Slovensku / Denisa Kočanová - 2020.In: Mladí vedci 2020 = Fiala kutatók 2020 = Young Scientists 2020 : zborník vedeckých príspevkov doktorandov a mladých vedeckých pracovníkov : doktoranduszok és fiatal kutatók tudományos kötete : scientific proceedings of PhD. students and young scientists. - Bratislava (Slovensko) : Paneurópska vysoká škola s. 90-99 [online]. - ISBN 978-80-89453-73-3 [KOČANOVÁ, Denisa]

AFC001 [217535] Two-Stage DEA: An Application in Banking / Kristína Kočíšová - 2020.In: Scientific and Technical revolution: Yesterday, Today and Tomorrow. - Cham (Švajčiarsko) : Springer Nature s. 1483-1517 [online, print]. - ISBN 978-30-30479-44-2 [KOČIŠOVÁ, Kristína]

AFC002 [219448] Community cinemas in urban regeneration: a case study of cinema Úsmev in Košice / Barbora Tóthová, Miriam Šebová - 2020.In: 23. mezinárodní kolokvium o regionálních vědách : sborník příspěvků, Brno, 2020 = 23rd International colloquium on regional sciences, conference proceedings, Brno, 2020. - Brno (Česko) : Masarykova univerzita s. 462-472 [online]. - ISBN 978-80-210-9610-3 [TÓTHOVÁ, Barbora - ŠEBOVÁ, Miriam]

AFC003 [219549] **The role of various factors in wealth accumulation: Evidence from Slovakia** / Nikola Šubová - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 79-89 [online]. - ISSN 2671-3179 [ŠUBOVÁ, Nikola]

AFC004 [219550] **An analysis on inventory management in the Slovak manufacturing company** / Denisa Kočanová - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 90-98 [online]. - ISSN 2671-3179
[KOČANOVÁ, Denisa]

AFC005 [219562] **Dependency between bank stability and other variables in selected European Union countries** / Adriana Novotná - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 90-100 [online]. - ISSN 2671-3179
[NOVOTNÁ, Adriana]

AFC006 [219601] **Assessment of the classification ability of traditional models to evaluate the financial health of companies** / Michaela Kavčáková - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 118-126 [online]. - ISSN 2671-3179
[KAVČÁKOVÁ, Michaela]

AFC007 [219732] **Climate change and its impact on business environment** / Eva Petrová - 2020.In: IAI Academic Conference Proceedings. - Skopje (Macedónsko) : International Academic Institute s. 60-72 [online]. - ISSN 2671-3179
[PETROVÁ, Eva]

AFC008 [220054] **Structural changes and employment in V4 countries** / Dominika Oravcová - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 101-117 [online]. - ISSN 2671-3179
[VARGA ORAVCOVÁ, Dominika]

AFC009 [221630] **The Competitiveness and Attractiveness of Investment Environment in Croatia and Ex-Communist Countries** / Heri Bezić, Tomislav Galović, Davorin Balaž - 2020.In: 9th International scientific symposium Region entrepreneurship development. - Osijek (Chorvátsko) : Faculty of Economic in Osijek s. 49-61 [online]. - ISBN 9771848955005
[BEZIĆ, Heri - GALOVIĆ, Tomislav - BALAŽ, Davorin]

AFC010 [221631] **Harmonization of Curriculum with Needs and Requests of Fourth Industrial Revolution: Case of Faculty of Economics and Business Rijeka** / Heri Bezić, Davorin Balaž, Barbara Buljat - 2020.In: MIPRO 2020 : 43rd International Convention : proceedings. - Rijeka (Chorvátsko) : Croatian Society for Information and Communication Technology, Electronics and Microelectronics s. 779-784 [online]. - ISSN 1847-3946
[BEZIĆ, Heri - BALAŽ, Davorin - BULJAT, Barbara]

AFC011 [222389] **Improving the Quality of Entrepreneurial Education by ICT Education of HEI Pedagogical Staff** / Martin Vejačka, Dana Paľová - 2020.In: MIPRO 2020 : 43rd International Convention : proceedings. - Rijeka (Chorvátsko) : Croatian Society for Information and Communication Technology, Electronics and Microelectronics s. 649-654 [online]. - ISSN 1847-3946
[VEJAČKA, Martin - PAĽOVÁ, Dana]

AFC012 [222390] **Gamification tools improving university students' involvement in the education process** / Dana Paľová, Martin Vejačka - 2020.In: MIPRO 2020 : 43rd International Convention : proceedings. - Rijeka (Chorvátsko) : Croatian Society for Information and Communication Technology, Electronics and Microelectronics s. 666-671 [online]. - ISSN 1847-3946
[PAĽOVÁ, Dana - VEJAČKA, Martin]

AFC013 [223141] **Artificial intelligence and robotics in the fourth industrial revolution: trends and economic impacts** / Coi Tran - 2020.In: CER Comparative European Research 2020 : Proceedings of the 14th Biannual CER Comparative European Research Conference. - Londýn (Veľká Británia) : SCI-EMCEE s. 44-48 [online]. - ISBN 978-1-9993071-6-5
[TRAN, Coi]

AFC014 [223480] **Contemporary Residential Structure and Future of Metropolitan Areas in V4 Countries** / Lenka Maličková - 2020.In: Conference proceedings of the 7th Central European conference on regional science : flows of resources in the regional economy in the age of digitalisation. - Pécs (Maďarsko) : European Regional Science Association s. 406-421 [print]. - ISBN 978-615-5949-07-4
[MALIČKÁ, Lenka]

AFC015 [223686] **Study of customer behavior in online B2B shopping** / Emil Exenberger, Jozef Bucko - 2020.In: MIPRO 2020 : 43rd International Convention : proceedings. - Rijeka (Chorvátsko) : Croatian Society for Information and Communication Technology, Electronics and Microelectronics s. 1565-1569 [online]. - ISSN 1847-3946
[EXENBERGER, Emil - BUCKO, Jozef]

AFC016 [223689] **Prediction of financial health using factor analysis and data envelopment analysis** / Emil Exenberger, Jozef Bucko - 2020.In: The 14th international days of statistics and economics : conference proceedings. - Slaný (Česko) : Melandrium s. 288-297 [online]. - ISBN 978-80-87990-22-3
[EXENBERGER, Emil - BUCKO, Jozef]

AFC017 [223697] **Evaluation of financial health of companies through Data Envelopment Analysis: selection of variables for the DEA model in R** / Emil Exenberger, Michaela Kavčáková - 2020.In: Economics & finance virtual conference : proceedings of the 13th economics & finance virtual conference. - Praha (Česko) : International Institute of Social and Economic Sciences s. 53-63 [online]. - ISBN 978-80-87927-95-3 - ISSN 2336-6044
[EXENBERGER, Emil - KAVČÁKOVÁ, Michaela]

AFC018 [223787] **The impact of eu common agricultural policy on socio-economic situation in agriculture: current situation and future challenges** / Michala Inkábová - 2020.In: RELIK 2020 : Reproduction of human capital - mutual links and connections : conference proceedings. - Praha (Česko) : Prague University of Economics and Business s. 198-207 [online]. - ISBN 978-80-245-2394-1
[INKÁBOVÁ, Michala]

AFC019 [223870] **The best country to retire in: Comparison of the European union countries** / Denisa Kočanová, Ján Buleca - 2020.In: The 14th international days of statistics and economics : conference proceedings. - Slaný (Česko) : Melandrium s. 518-528 [online]. - ISBN 978-80-87990-22-3
[KOČANOVÁ, Denisa - BULECA, Ján]

AFC020 [223875] **Prijmová nerovnosť domácností na Slovensku** / Nikola Šubová, Ján Buleca - 2020.In: RELIK 2020 : Reproduction of human capital - mutual links and connections : conference proceedings. - Praha (Česko) : Prague University of Economics and Business s. 548-558 [online]. - ISBN 978-80-245-2394-1
[ŠUBOVÁ, Nikola - BULECA, Ján]

AFC021 [223877] **Macroeconomic factors influencing the level of household indebtedness: Evidence from Euro area** / Nikola Šubová, Ján Buleca - 2020.In: The 14th international days of statistics and economics : conference proceedings. - Slaný (Česko) : Melandrium s. 1184-1193 [online]. - ISBN 978-80-87990-22-3
[ŠUBOVÁ, Nikola - BULECA, Ján]

AFC022 [224886] **Using mathematical-statistical methods to evaluate the financial health of Slovak micro companies** / Michaela Kavčáková - 2020.In: The 14th international days of statistics and economics : conference proceedings. - Slaný (Česko) : Melandrium s. 470-479 [online]. - ISBN 978-80-87990-22-3
[KAVČÁKOVÁ, Michaela]

AFC023 [224892] **Competing hypotheses in a banking sector: Examination of the relevant methods** / Adriana Novotná - 2020.In: MMK 2020 : Mezinárodní Masarykova konference pro doktorandy a mladé vědecké pracovníky 2020 : recenzovaný sborník příspěvků mezinárodní vědecké konference = International Masaryk Conference For Ph.D. Students and Young Researchers. - Hradec Králové (Česko) : Magnanimitas akademické sdružení s. 182-190 [CD-ROM, online]. - ISBN 978-80-87952-33-7
[NOVOTNÁ, Adriana]

AFC024 [225840] **How to educate students for the future?** / Libuša Révészová - 2020.In: MIPRO 2020 : 43rd International Convention : proceedings. - Rijeka (Chorvátsko) : Croatian Society for Information and Communication Technology, Electronics and Microelectronics s. 570-575 [online]. - ISSN 1847-3946 [RÉVÉSZOVÁ, Libuša]

AFC025 [226519] **Tax optimization of a self-employed person in the context of the method of bookkeeping in the condition of the Slovak Republic** / Róbert Oravský, Anna Bánociová - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 19-24 [online]. - ISSN 2671-3179 [ORAVSKÝ, Róbert - BÁNOCIOVÁ, Anna]

AFC026 [226526] **International Virtual Academic Conference Education and Social Sciences Business and Economics** / Róbert Oravský, Anna Bánociová - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 41-52 [online]. - ISSN 2671-3179 [ORAVSKÝ, Róbert - BÁNOCIOVÁ, Anna]

AFC027 [226552] **The population ageing and age equality in the V4 countries** / Denisa Kočanová - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 4-9 [online]. - ISSN 2671-3179 [KOČANOVÁ, Denisa]

AFC028 [226570] **Analysis and prediction of the development of private banking in the Slovak** / Simona Juhášová - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 53-63 [online]. - ISSN 2671-3179 [JUHÁSOVÁ, Simona]

AFC029 [226727] **An overview of selected risk factors for health in OECD countries** / Jakub Sopko - 2020.In: Economics & finance virtual conference : proceedings of the 13th economics & finance virtual conference. - Praha (Česko) : International Institute of Social and Economic Sciences s. 235-248 [online]. - ISBN 978-80-87927-95-3 - ISSN 2336-6044 [SOPKO, Jakub]

AFC030 [226774] **Importance of interest rates on the credit market in Slovakia** / Adriana Novotná - 2020.In: Economics & finance virtual conference : proceedings of the 13th economics & finance virtual conference. - Praha (Česko) : International Institute of Social and Economic Sciences s. 97-111 [online]. - ISBN 978-80-87927-95-3 - ISSN 2336-6044 [NOVOTNÁ, Adriana]

AFC031 [227013] **Input-output analysis of Slovak sectors** / Dominika Varga Oravcová - 2020.In: IAI Academic Conference Proceedings : International Virtual Academic Conference : Education and Social Sciences, Business and Economics. - Skopje (Macedónsko) : International Academic Institute s. 25-32 [online]. - ISSN 2671-3179 [VARGA ORAVCOVÁ, Dominika]

AFC032 [227017] **The position of Slovak manufacturing sector** / Dominika Varga Oravcová - 2020.In: MMK 2020 = International Masaryk Conference For Ph.D. Students and Young Researchers : Mezinárodní Masarykova konference pro doktorandy a mladé vědecké pracovníky 2020 : recenzovaný sborník příspěvků mezinárodní vědecké konference. - Hradec Králové (Česko) : Magnanimitas akademické sdružení s. 221-229 [CD-ROM, online]. - ISBN 978-80-87952-33-7 [VARGA ORAVCOVÁ, Dominika]

AFC033 [227110] **Vplyv klasifikačných známok na záujem žiakov o fyzikálne vzdelávanie** / Andrea Klučárová, Vladimír Šebeň, Erika Liptáková - 2020. In: MMK 2020 : International Masaryk Conference For Ph.D. Students and Young Researchers : Mezinárodní Masarykova konference pro doktorandy a mladé vědecké pracovníky 2020 : recenzovaný sborník příspěvků mezinárodní vědecké konference. - Hradec Králové (Česko) : Magnanimitas akademické sdružení s. 946-955 [CD-ROM, online]. - ISBN 978-80-87952-

33-7

[KLUČAROVÁ, Andrea - ŠEBEŇ, Vladimír - LIPTÁKOVÁ, Erika]

AFD - Publikované príspevky na domácich vedeckých konferenciách(5)

AFD001 [214785] **Analýza vzťahu medzi úsporami, HDP a príjmovou nerovnosťou v krajinách V4** / Nikola Šubová, Ján Buleca - 2020.In: Teória a prax verejnej správy : Recenzovaný zborník príspevkov z 5. ročníka vedeckej konferencie doktorandov. - Košice (Slovensko) : Univerzita Pavla Jozefa Šafárika v Košiciach s. 7-18 [print]. - ISBN 978-80-8152-841-5
[ŠUBOVÁ, Nikola - BULECA, Ján]

AFD002 [214787] **Najlepšie krajiny pre život žien: porovnanie na úrovni krajín Európskej únie** / Denisa Kočanová, Ján Buleca - 2020.In: Teória a prax verejnej správy : Recenzovaný zborník príspevkov z 5. ročníka vedeckej konferencie doktorandov. - Košice (Slovensko) : Univerzita Pavla Jozefa Šafárika v Košiciach, 2020 s. 115-123 [online]. - ISBN 978-80-8152-841-5
[KOČANOVÁ, Denisa - BULECA, Ján]

AFD003 [216189] **Measuring of banking competition in selected European countries** / Adriana Novotná - 2020.In: EDAMBA 2019 : international scientific conference for doctoral students and post-doctoral scholars : empowering actions to achieve global goals: implications for economics, business, management and related disciplines : conference proceedings. - Bratislava (Slovensko) : Vydavateľstvo EKONÓM s. 373-381 [online]. - ISBN 978-80-225-4704-8
[NOVOTNÁ, Adriana]

AFD004 [218567] **The Shared Economy in the Current Market** / Tatiana Soroková, Daniela Petříková - 2020.In: The 19th International scientific conference Globalization and its socio-economic consequences 2019 – Sustainability in the global-knowledge economy. - Les Ulis (Francúzsko) : Édition Diffusion Presse Sciences s. 1-9 [online]. - ISSN 2261-2424 (online)
[SOROKOVÁ, Tatiana - PETRÍKOVÁ, Daniela]

AFD005 [225414] **Contemporary Methods in Interdisciplinary Regional Science** / Zuzana Révészová, Miriam Šebová - 2020.In: 10th winter seminar of regional science : proceedings. - Bratislava (Slovensko) : Vydavateľstvo EKONÓM s. [1-20] [CD-ROM]. - ISBN 978-80-225-4740-6
[RÉVÉSZOVÁ, Zuzana - ŠEBOVÁ, Miriam]

14 Contact Information

Technical University of Košice

Faculty of Economics

Nemcovej 32, 042 00 Košice

Slovak Republic

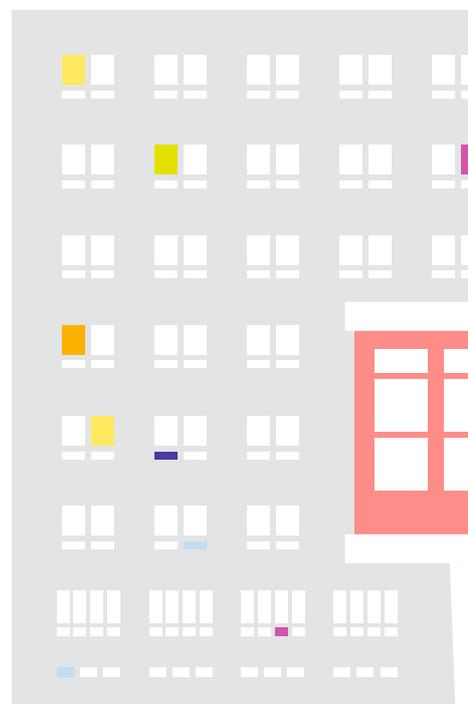
Tel.: +421-55-602 3276

E-mail: dekanat.ekf@tuke.sk

Website: <http://www.ekf.tuke.sk/>



Fig. 5: Technical University of Košice - Faculty of Economics”



www.ekf.tuke.sk