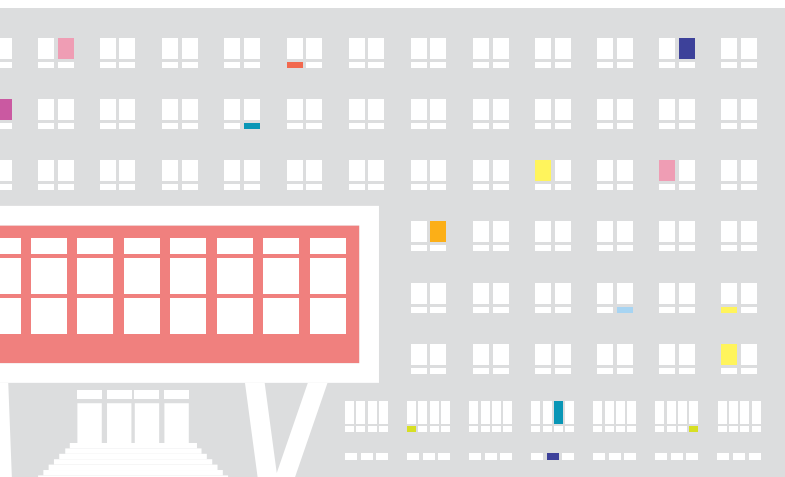


Technical University of Košice
FACULTY OF ECONOMICS

ANNUAL REPORT 2017



Technical University of Košice

Faculty of Economics

ANNUAL REPORT

2017



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1 Foreword

Dear Ladies and Gentlemen,

Year 2017 was the 25th year in the history of the Faculty of Economics of Technical University of Košice. It is a milestone in the life of human being as well as in the life of our Faculty. Through this time, more than 5000 graduates went out from our Faculty and proved the quality of education gained at their Alma Mater in their own successful stories.

It was not always easy. We remember all the people, who stood near the Faculty and helped it throughout the years. All those, who built it up, who put all their effort to fight against all the enemies, who took care, who created the atmosphere of freedom and academic values. They all deserve our honour and thank.

Year 2017 was a year of celebrations, beginning with the Faculty's day for all the employees, continuing with ceremonial meetings of the Academic Senate and the Scientific Board (with number of former executives of our Faculty present) and finishing with the unforgettable Matriculation Ball.

But year 2017 was not only about celebrating. It was also full of beginnings... of new projects, new research, new cooperation, even new lives... I am proud to present you this Annual report as a proof of high quality output of our Faculty in the year of 2017.

Let me finish this foreword with a little wish... or maybe a big one. Recently, we have been experiencing difficult and very strange times, we do live in a society, in which moral and ethical principles mean much less than money and wealth, in which true becomes difficult to be found in the ocean of lies and in which self-reflection almost disappeared. I wish to our Faculty to be always the island of freedom in this strange world. And I wish to all of us no need for such islands in future... I wish that having and expressing different opinions, discussing them with no fear and repression, searching for truth and new ideas in open and friendly atmosphere and respecting academic freedom will be always the very basic pillars of our Faculty. And I wish to all of us spreading these principles to all of the society and world.



Michal Šoltés

dean

2 Background

The Faculty of Economics 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, focussing also on the application of electronic services in economy and society. Issues of regional development are as well in the centre 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 consultancy activity, 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 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 it 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 Faculty staff.



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

Associate deans:

Assoc. Prof. Beáta Gavurová, PhD., MBA – responsible for Scientific and Research Activities and Doctoral Study

Telephone: +421-55-602 3267

Fax: +421-55- 602 8046

E-mail: beata.gavurova@tuke.sk

Dr. Libuša Révészová, PhD. – responsible for Educational Affairs

Telephone: +421-55-602 3566

Fax: +421-55- 602 8046

E-mail: libusa.reveszova@tuke.sk

Assoc. Prof. Marianna Siničáková, PhD. - responsible for External Relations and Development

Telephone: +421-55-602 2141

Fax: +421-55- 602 8046

E-mail: marianna.sinicakova@tuke.sk

Secretary of the Faculty:

JUDr. Mária Geralská

Telephone: +421-55-602 3271

Fax: +421-55-633 0983

E-mail: maria.geralska@tuke.sk



4 Departments

The Faculty of Economics has five departments.

4.1 Department of Economic Theories

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, optimization methods.

The Department offers courses in the following economic disciplines:

- on the Bachelor level: Microeconomics and Macroeconomics, National Economy, World Economy, International Economics, History of Money, History of Economic Thinking, Economic Policy.
- on the Master level: Monetary Macro-analysis, European Integration, 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.

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

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

Department's staff participates in the following activities organized on the faculty level: Košice Economic Forum (KEF), double diploma programme (University of Nice Sophia Antipolis).

Head of the Department: Assoc. Prof. Rajmund Mirdala, PhD

E-mail: Rajmund.Mirdala@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 Decisions and e-Commerce.

Head of the Department: Assoc. Prof. Radoslav Delina, PhD

E-mail: Radoslav.Delina@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 Creative Industries.

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, Creative Economy, Local economic impacts 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. student debate club and organises the Central European Conference on Regional Science.

The Department offers courses in Management, Human Resource Management, Strategy and Management of Small and Medium Enterprises, Public Administration Management, Managerial Skills Development, Business Economics, Marketing, Financial Institution Marketing, Marketing Research, Business Law, Labour Law and Social Security, Financial Law, Administrative 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, Managerial Games.

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.

Courses offered by the Department are directed mainly towards application of mathematical and statistical methods in economic and financial applications, namely Mathematics, Graph Theory, Statistical Methods, Informatics, Economic Information Systems, and Electronic Services in Banking.

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

- Analysis of financial markets and investment tools;
- Effective allocation of financial resources;
- Tasks and issues of financial investment and control;
- Analysis of investments and foreign direct investments (FDI);
- Analysis of the financial status of small and medium-size enterprises (SMEs);
- Financial and accounting theory.

2. Business Informatics

- Measuring economic efficiency of information and communication technology (ICT) applications;
- Socio-economic analysis of ICT applications;
- e-Business, e-Procurement, e-Banking, e-Government, and e-Health;
- Information Society development, benchmarking etc.;
- Trends and indicators of Knowledge Economy and Information Society development, knowledge management and knowledge technologies, innovation (especially innovation related to application of ICT);
- Information and network trust and security;
- Methodology and methods of economics and business process modelling
- Digital single market development

3. Regional Science and Public Administration

- Decision-making processes at public administration;
- Fiscal decentralization and regional governance;
- Programming and EU structural policy;
- Efficiency and Equity in Public Finance;
- Location factors and regional development;
- Strategic planning, Regional innovation strategies;
- Innovations and Clusters;
- Regional and city marketing and management;
- Business environment analysis;
- Creative Economy
- Resilience of regions
- Local economic impact studies

4. Healthcare Economics

- Macroeconomic and microeconomic analysis of the healthcare market;
- Economic efficiency of the health system;
- Health and social policy in Slovakia;

- Multi-dimensional analysis of the health status of marginalized and segregated communities;
- Analysis of the health behavior of the population of marginalized and segregated communities and its impact on the health of the Slovak population;
- Economic quantification of efficiency and effectiveness of prevention programs in the surveyed area of Slovakia;
- Comprehensive analysis of the state and evolution of life expectancy of inhabitants of Slovakia and abroad and its determinants;
- Scientific extraction causes of death and groups of causes of death and quantification of their impact on the evolution of life expectancy among Slovak population, creation of a forecasting platform;
- 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 and communication technologies in healthcare;
- Medical technology and economic aspects of their use in Slovakia;
- Strategic management of the health system in Slovakia;
- Development of economic metrics concepts for Strategic Framework of Slovak healthcare system;
- Long-term health care and social policy.

In research and development activities the Faculty cooperates with the Institute of Regional and Community Development of the Technical University of Košice (<http://www.tuke.sk/IRKR/>).



Fig. 3: Team-building day of the faculty

6 Research Projects

The Faculty of Economics, in cooperation with other universities, companies, financial institutions, public administration, regional and local governments, non-governmental organisations and organisations 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: the Scientific Grant Agency (VEGA), Agency for Support of Research and Development (APVV) etc.

6.1 International R&D Projects

<i>Project title:</i>	A Personalised Integrated Care Approach for Service Organisations and Care Models for Patients with Multi-Morbidity and Chronic Conditions
<i>Acronym:</i>	PICASO
<i>Contract Number:</i>	689209, H2020
<i>Supported by:</i>	European Commission, H2020 Programme
<i>Project type:</i>	Research and Innovation Action (RIA)
<i>Local coordinator:</i>	Tomáš Sabol
<i>Associated Faculty:</i>	Peter Kostelník, Ján Hreňo, Marek Skokan, Marián Mach
<i>Duration:</i>	2016– 2019
<i>Website:</i>	http://www.picaso-project.eu/impressum

Project description:

PICASO project is developing a digital platform for secure, collaborative sharing of care plans across healthcare sectors. The PICASO platform will enable the sharing of a patient's complete care pathways with tools to establish health status, predict risks and adjust care. Based on monitoring of different physiological parameters at home, the patients can actively participate in their own care. The result is better management of co-existing diseases and coordination of care plans for the benefit of patients and carers across organisations

<i>Project title:</i>	Pluggable Social Platform for Heritage Awareness and Participation
<i>Acronym:</i>	PLUGGY
<i>Contract Number:</i>	726765, H2020
<i>Supported by:</i>	European Commission, H2020
<i>Project type:</i>	Research and Innovation Action (RIA)
<i>Local coordinator:</i>	Tomáš Sabol
<i>Associated Faculty:</i>	Ján Hreňo, Peter Bednár, Peter Smatana
<i>Duration:</i>	2016 – 2019
<i>Website:</i>	http://www.pluggy-project.eu

**Project description:**

PLUGGY addresses the need of society to be actively involved in cultural heritage activities, not only as an observer, but also as a creator and a major influencing factor. PLUGGY aims to bridge this gap by providing the necessary tools to allow users to share their local knowledge and everyday experience with others, together with the contribution of cultural institutions, building extensive networks around a common area interest, connecting the past, the present and the future.

<i>Project title:</i>	MOdel based coNtrol framework for Site-wide OptmizatiON of data-intensive processes
<i>Acronym:</i>	MONSOON
<i>Contract Number:</i>	723650, H2020
<i>Supported by:</i>	European Commission, H2020
<i>Project type:</i>	Research and Innovation Action (RIA)
<i>Local coordinator:</i>	Tomáš Sabol
<i>Associated Faculty:</i>	Peter Bednár, Marián Mach, Marek Skokan, Miroslav Smatana, Martin Sarnovský
<i>Duration:</i>	2016 – 2019
<i>Website:</i>	https://www.spire2030.eu/monsoon

Project description:

The MONSOON project aims to establish data-driven methodology to support identification and exploitation of optimization potentials by applying model-based predictive controls so as to perform plant and site-wide optimization of production process. Main result of the project will be architecture for building, validation and deploying of data analytics models for the predictive control or maintenance

<i>Project title:</i>	Week of Innovative Regions in Europe 2017
<i>Acronym:</i>	WIRE2017
<i>Contract Number:</i>	775984, H2020
<i>Supported by:</i>	European Commission, H2020
<i>Project type:</i>	H2020-IBA-SEWP-WIRE-8-2017
<i>Coordinator:</i>	Radoslav Delina
<i>Associated Faculty:</i>	Radovan Dráb, Lenka Senderáková, Rajmund Mirdala, Jozef Bucko, Miriam Šebová
<i>Duration:</i>	2017 – 2018
<i>Website:</i>	www.wire2017.eu

Project description:

The purpose of this proposal is the organisation of the Week of Innovative Regions in Europe 2017 (WIRE VIII) conference in Kosice (Slovakia). The conference was held from 28 to 30 June after the Slovak Presidency of the Council of the European Union. The general objectives of WIRE VIII are as follows:

- Contributing substantially to maximising and understanding the societal impact of research, innovation and regional policy in digitalisation on regions and people

- To support R&I ecosystem stakeholders (quadruple helix) in utilization of benefits from digitalisation and enhance trusted initiatives and policy formation for effective innovative and socially responsible regional development
 - To contribute to responsible creation of the future in H2020 and regional R&I
-

<i>Project title:</i>	Utilizing Innovation Potential of Urban Ecosystems
<i>Acronym:</i>	URBAN INNO
<i>Supported by:</i>	INTERREG Central Europe
<i>Contract Number:</i>	C677
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák, Jozef Bucko, Dana Paľová.
<i>Duration:</i>	2016–2019

Project description:

URBAN INNO is addressing the challenge to make CE more innovative and competitive by maximising the innovation potential of smaller and medium sized urban ecosystems by two approaches – firstly, better linkage of actors in innovation systems by establishing and interlinking quadruple helix clusters/networks in the partner regions, and secondly by the development and implementation of new participatory methods and tools to engage end-users in innovation processes with the objective to have educated and motivated users – SMART USERS.

<i>Project title:</i>	Improving Capacities for Enhancing Territorial Attractiveness of the Danube Region
<i>Acronym:</i>	ATTRACTIVE DANUBE
<i>Contract Number:</i>	DTP1-1-270-4.1
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák, Kristína Kočíšová
<i>Duration:</i>	2017– 2019
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/attractive-danube

Project description:

Territorial attractiveness (TA) is reflected in the set of specific economic, environmental and social potentials of a territory which make it competitive in comparison to other territories. Through good governance, policies can maximise these potentials to increase attractiveness of the regions for residents, visitors and investors. The main challenge in the Danube Region is lack of capacities of target groups involved in development planning for more efficient and cooperative multilevel governance considering the needs of all stakeholders.

The main project objective is to strengthen multilevel and transnational governance and institutional capacities of policy planners involved in territorial development of the Danube Region, which will result in more harmonised governance system of the area. This will be achieved by firstly establishing a permanent common transnational platform for monitoring territorial attractiveness (CO-TAMP), 11 national platforms (TAMP), and Territorial attractiveness atlas. Secondly, we will implement an intensive capacity building programme for empowering multilevel public authorities and civil society in 11 countries related to development planning resulting in enhanced skills and knowledge. Finally,



the policy integration process, including transnational workshops, policy recommendations and memorandum of understanding, will capitalise the results and assure the long-term impact and leverage effect in the society.

By such innovative approach, combining the capacity building with user friendly web platforms on TA, the target groups will learn to identify and utilise territorial potentials of the Danube Region. Policy planners at all levels representing economic, environmental and social aspects, as well as civil society, business and academia, will be able to better respond to development trends and societal challenges in the region, shaping the territorial policies in order to create a more attractive Danube Region.

<i>Project title:</i>	CROWDfunding to mainSTREAM innovation
<i>Acronym:</i>	CrowdStream
<i>Contract Number:</i>	<i>DTP1-1-006-1.1</i>
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Pridavok, František Janke, Miroslava Packová, Martin Dujčák, Libuša Réveszová
<i>Duration:</i>	2017– 2019
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/crowdstream

Project description:

A major challenge for the sustainable economic & social development in the Danube region is the difficulty in accessing finance for small & micro enterprises.

Availability of bank loans for SMEs & spin-offs & social enterprises has since the beginning of the fin. crises declined by more than 25%, while collateral requirements have increased by 34%. SMEs still contribute more than half of total value added in non-financial economy & provided 80% of all new jobs.

Lack of finance for small enterprises continues to have a negative impact on the innovative economy & the job market. Banks or public guarantee funds cannot solve this challenge. Current regulations such as Basel IV make it impossible for banks to finance risky innovative businesses. Even the EC identified this as a European Challenge and answers with strategies on alternative financing.

Thus, EUSDR Priority Axis coordinators nominated in April 2016 CrowdStream as a strategic project to address the challenges highlighted under PA 8 COMPETITIVENESS OF ENTERPRISES & PA 10 STEP UP INSTITUTIONAL CAPACITY.

CrowdStream`s main objective is to improve the effectiveness of public/private business-support for innovative spin-offs & social enterprises to access qualitative alternative financing (crowdfunding)

The CrowdStream project will initiate a change in the financing market. Due to quality labelling and capacity building activities there will be a major shift from donation based to equity based crowdfunding.

<i>Project title:</i>	High-performance Computing for Effective Innovation in the Danube Region
<i>Acronym:</i>	InnoHPC
<i>Contract Number:</i>	<i>DTP1-1-260-1.1</i>
<i>Supported by:</i>	Interreg Danube Transnational Programme
<i>Local coordinator:</i>	Beáta Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák, Jozef Bucko
<i>Duration:</i>	2017– 2019
<i>Website:</i>	http://www.interreg-danube.eu/approved-projects/innohpc

Project description:

High performance computing (HPC) is an emerging general-purpose technology. It can improve framework conditions for innovations by drastically increasing effectiveness of innovations and reducing product development time. However, while most advanced HPC infrastructure and knowledge are located in well-off western parts of the Danube region, enterprises – especially SMEs – from its eastern parts have limited access and competencies. Transnational cooperation in the region is limited, which is further hindering innovation. The main objective of InnoHPC is to create transnational HPC laboratory for co-designing knowledge-intensive innovative products with high value-added in transnational value-chains. Key outputs are transnational InnoHPC Lab pooling regional HPC infrastructure and competencies, web platform providing HPC access, integrated services and capacity building tools, and sustainability toolkit, to support durability of InnoHPC Lab beyond the project.

To achieve them, InnoHPC will, first, conduct a focused regional HPC benchmark, second, design and create a transnational InnoHPC Lab, third, develop HPC web platform providing HPC access and capacity-building tools and finally, pilot-test InnoHPC Lab and the platform with two pilots with SMEs in electronic and automotive sectors. InnoHPC targets SMEs and clusters, providing the opportunity to increase efficiency of innovations and join transnational value-chains in the Danube region. Higher education and research institutions with HPC will get access to exciting real-life cases and opportunities to exploit their entrepreneurial potential. Policy-makers and business support organizations will receive a valuable institutional support for their policies and initiatives.

InnoHPC project is a pioneering effort to improve framework conditions for innovation by providing unique institutional and technological infrastructure, designed specifically to pool and exploit HPC infrastructure on a transnational level.



<i>Project title:</i>	Ziping and Innovating the Development Planning of the Cross-Border SK-UA Territory
<i>Acronym:</i>	ZIP
<i>Contract Number:</i>	CBC01010
<i>Supported by:</i>	Norwegian Financial Mechanism/EEA Financial Mechanism
<i>Local Coordinator:</i>	Oto Hudec
<i>Associated Faculty:</i>	Peter Džupka, Monika Šiserová, Nataša Urbančíková, Tomáš Želinský
<i>Duration:</i>	2015 – 2017

Project description:

Goal of the project was to closely tie cooperation in the Slovak - Ukrainian cross-border region in the sphere of planning of development activities through a joint innovative planning process so as to face socio-economic and environmental threats to the project target region on one hand, and utilizing its potential for local economic development on the other. The project target region, either its Slovak or Ukrainian part, is politically geographically economically, and infrastructurally marginalized and its possibilities for development based on statewide goals are significantly limited. That is why it was necessary to focus on a new approach of planning of local development by identification and mobilization of their own internal cross-border potential (especially in the areas of human resources, social capital and capacity for innovation), as well as to harmonize relevant development goals.

Project activities included creation of the Project Expert Working Group, survey of the current situation in the project target region in the sphere of development planning, analysis of the possibilities of their closer integration (ziping), or eventual elimination of contradictions, preparation of the local development cross-border strategy, preparation of the concrete common cross-border project proposals, and development and promotion of recommendations for regional and local self government.

<i>Project title:</i>	Smart Innovation Living Environment
<i>Acronym:</i>	SMILE
<i>Supported by:</i>	International Visegrad Fund
<i>Contract Number:</i>	21520242
<i>Coordinator:</i>	Beata Gavurová
<i>Associated Faculty:</i>	Mojmír Prídavok, František Janke, Miroslava Packová, Martin Dujčák.
<i>Duration:</i>	2016–2017

Project description:

SMILE addresses the challenge of promoting the establishment of PCP and PPI in the public administration within the V4 area. The current situation shows little evidence of successful trials, while at the same time the use of public demand as a vehicle and accelerator of local R&D and innovation is becoming of considerable relevance for the implementation of S3 (regional innovation and smart specialization strategies) in all EU especially CE regions across the new programming period 20142020.

6.2 National R&D Projects

<i>Project title:</i>	Determinants of Digital Single Market development and implementation in the field of global supply chains and in relation to changes of behavior of participants on the market
<i>Supported by:</i>	Slovak Research and Development Agency
<i>Contract Number:</i>	APVV-16-0368
<i>Coordinator:</i>	Radoslav Delina
<i>Associated Faculty:</i>	Marek Gróf, Radovan Dráb, Rajmund Mirdala, Lenka Senderáková
<i>Duration:</i>	2017 - 2019

Project description:

The main objective of the project is the identification and understanding the determinants of Digital Single Market development as new EC strategy for the area of actors cooperation on the market and its impact on digital business ecosystem evolution, stability and efficiency. The objective of this new strategy is the support of innovative e-services and business models development for the market and to identify real opportunities and strategies digital single market development support. Within the project, potential and determinants of standardisation, interoperability, trust, data economy and digital business platform implementation into global supply chains will be analyzed. It is necessary to identify strategies for effective implementation of real innovation and understand the impact and changes of behavior on the market (e.g. by higher transparency). Together, the concept of sharing (semi)sensitive business data will be analyzed and new sharing motivation model for sharing of business data on single digital infrastructure will be proposed. For the purpose of identification and analysis of the impact and behavioral changes, combination of empirical and experimental research will be performed. Empirical research will be based on large datawarehouse with data from real environment of e-supply chains. As an output, new strategies for real innovation of digital single market implementation and for policy support will be defined.

<i>Project title:</i>	Research of the issue of Online Reputation Management (ORM) of subjects from automotive industry
<i>Supported by:</i>	Slovak Research and Development Agency
<i>Contract Number:</i>	APVV-15-0511
<i>Coordinator:</i>	Radoslav Delina
<i>Associated Faculty:</i>	Radovan Dráb
<i>Duration:</i>	2016 - 2019

Project description:

The aim of the project is to carry out a comprehensive research on new and up-to-date phenomenon of proactive online reputation management of entities operating in the automotive sector in this turbulent hyperinformative and hyper-competitive age. The proposed project will be carried out as a basic research whose main objective is to extend the theoretical knowledge on the subject. The research will make use of relevant qualitative and quantitative processing methods and these will subsequently serve as a basis for developing a methodology for comprehensive and effective measures and also for improving the platforms of active online reputation management of selected entities on the Slovak market and also on the EU reference markets.



<i>Project title:</i>	The economic model of the electronic spectrum markets Theoretical Economic Model for Future Real Time Spectrum Markets
<i>Supported by:</i>	Slovak Research and Development Agency
<i>Contract Number:</i>	APVV 15-0358
<i>Coordinator:</i>	Vladimír Gazda
<i>Associated Faculty:</i>	Tomáš Sabol, Peter Tóth, Martin Zoričák, Juraj Gazda, Peter Drotár, Gabriel Bugár, Dušan Kocur, Július Horváth, Marcel Vološin
<i>Duration:</i>	2016 - 2018

Project description:

The instantaneous communication in the human society is currently realized mostly over the wireless communication channels. Frequency spectrum is the medium for the information transfer and thus, is extremely utilized. Based on that, it is fundamental to come up with the new technological and economical strategies that would improve the spectrum effectivity utilization and distribution. Spectrum trading and distribution among the network participants will have in the future highly dynamic character and therefore the economical/technological implementation would need to be able to cover the system dynamics. When dealing with the spectrum trading (e.g. market mechanism) we will be able to formulate several economical views, directly impacting the spectrum trading effectivity. The detailed study of the monopoly, oligopoly and the perfect/imperfect competition among the trading participants will be the core part of our research. Interaction among the spectrum trading participants will be handled by the spectrum auctions realized in the real-time. In order to be able to capture the high dynamics of the real-time spectrum market, we will use the agent based modelling of the system, previously successfully applied in other scientific areas (e.g. physics, sociology, etc.). The effectivity of the agent based economy models will be verified using the scenarios reflecting the conditions, in which the real-time spectrum trading markets will be operating in the future.

<i>Project title:</i>	Universities and economic development of regions
<i>Supported by:</i>	Slovak Research and Development Agency
<i>Contract Number:</i>	APVV-014-0512
<i>Coordinator:</i>	Oto Hudec
<i>Associated Faculty:</i>	Iveta Korobaničová, Slávka Klasová, Nataša Urbančíková, Miriam Šebová, Peter Džupka, Žofia Sinčáková
<i>Duration:</i>	2015–2018

Project description:

Universities are considered to be the driving force of economic development and their impact is concentrated mainly in the regions where they are located. The project focuses on the study of the economic importance of universities for the development of regions from four different perspectives. The short-term regional economic impact was quantified using an I-O analysis. The long-term impact of universities on business development and human capital in the host region was researched as well. Specifically, the impact of universities on the development of innovative business through the creation of university spin-off companies was pointed out. Project also addresses the efficiency and effectiveness of regional development policies through support of universities.

<i>Project title:</i>	The Economic Behaviour of Children from Marginalised Roma Communities
<i>Supported by:</i>	Slovak Research and Development Agency
<i>Contract Number:</i>	APVV-0125-12
<i>Coordinator:</i>	Tomáš Želinský
<i>Associated Faculty:</i>	Slávka Mačáková, Alexander Mušinka, Andrej Belák, Joseph Vecci
<i>Duration:</i>	2013–2017

Project description:

The main goal of the project was to investigate to what extent the environment (family and community) influences selected aspects of behaviour and attitudes of children (youth) living in poor segregated settlements. It is generally believed that family and community play an important role in shaping behaviour, preferences, attitudes, and values. Moreover, living in disadvantaged neighborhoods is an essential structural source and a significant predictor of adolescent self-control and income levels in the future. Among others, our findings suggest that while collective decision-making has a positive effect on updating parents' initial decision, children are more likely to adopt 'socially less favourable' collective behavioural patterns. In the second phase of the project, we assess the degree to which beliefs about social norms are clustered within families and across different communities. We show that beliefs about social norms of younger children are more closely related than the beliefs of older children. We argue that beliefs about social norms of adults and older children are more likely to be affected by neighborhood, while beliefs of younger children might be more influenced by the school. The project is also aimed at answering the question to what extent reminding ethnicity (associated with negative stereotypes), and role models can influence (negatively or positively) performance of children. We find that the activation of a Roma's ethnicity reduces cognitive performance. In contrast, Roma exposed to Roma role models outperform those reminded of their ethnicity and also non-Roma role models. We further show that priming a Roma's identity has a direct effect on confidence.

<i>Project title:</i>	Approaches for fiscal imbalance solution in terms of the EU and in the context of the systemic crisis.
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA - 1/0967/15
<i>Coordinator:</i>	Lucia Mihóková
<i>Associated Faculty:</i>	Andrea Tkáčová, Martina Bobriková, Radoslav Tušan, Monika Harčariková, Slavomíra Martinková
<i>Duration:</i>	2015-2017

Project description:

The current crisis called as systemic has affected all countries, regardless of their economic maturity. Consequences of the crisis, have a negative impact on both the real and the financial economy. Particular attention is paid to the substantial deepening of current deficit oriented fiscal management trends. Fiscal deterioration, acceleration of public debt and the lack of fiscal space to implement counter cyclical measures intensified the long-term concerns about the sustainability of countries' public finances. Professional literature, empirical studies, whether taken measures of EU countries show a non-systematic measure implemented when addressing the ever deepening fiscal imbalances. The result of the project will be: to identify options of fiscal imbalance solution in SR in the context of already achieved positive and a negative partial results of the EU, as well as the newly adopted measures – quantified by prediction models and assessing the impact of debt monetization to the stability of financial market.



<i>Project title:</i>	Correction Mechanisms of External and Internal Imbalances in the Eurozone Member Countries Based on Symmetric Macroeconomic Policies
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA - 1/0994/15
<i>Coordinator:</i>	Marianna Siničáková
<i>Associated Faculty:</i>	Rajmund Mirdala, Veronika Šulíková, Manuela Raisová, Ľudmila Bartóková, Martin Kameník, Ľubica Štiblárová, Anna Ruščáková, Jozefína Semančíková, Leoš Šafár
<i>Duration:</i>	2015-2017

Project description:

Several European countries were touched by significant decline of competitiveness during last decade. Current account imbalances stemming from asymmetric macroeconomic effects in the euro area and worsen financing of current account deficits in South European countries due to financial crisis revealed weaknesses of European monetary union architecture. Solutions based on expenditure reductions in debtor countries without application of expansionary policy in creditor countries led to aggravation of recession and escalation of debt crisis in peripheral euro area countries. The aim of the project was to suggest an efficient mechanism of symmetric macroeconomic policies to reduce external and internal imbalances in the European monetary union member states.

<i>Project title:</i>	Development of banking sector and economic growth: Evidence from new EU countries after 10 years of membership
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA -1/ 1/0446/15
<i>Coordinator:</i>	Kristína Kočíšová
<i>Associated Faculty:</i>	Alena Mojsejová (2015-2017), Ivana Špirengová (2015-2016) Renáta Pitoňáková (2015-2017), Jakub Sopko (2017), Radovan Dráb (2017)
<i>Duration:</i>	2015-2017

Project description:

In 2004 SR with 9 countries became a member of EU. The proposed project fills the gap in current empirical literature on development of these banking sectors (BS). Research will be carried out in several areas. Firstly, will be examined structure of BS where banks of new EU member states operate. Will be used recent theoretical models and gained new knowledge on competition, stability, performance and banks efficiency and determinants that influenced development of credit and deposit market for last 10 years. Secondly, new theoretical framework for measuring bank efficiency in incorporation of credit risk in form of non-performing loans based on the use of parametric and non-parametric methods will be created. Thirdly, will be analysed existence of possibility of financial contagion as a result of interconnection of banks at transnational level. Realized research fills gap in current scientific research area, which describes relationship between development of BS and economic growth in surveyed countries.

<i>Project title:</i>	Economic Implications and Perspectives of the Participation of the Slovak Republic in the Process of Production Activities Fragmentation within Global Value Chains
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA 1/0961/16
<i>Coordinator:</i>	Rajmund Mirdala
<i>Associated Faculty:</i>	Ludmila Bartóková, Julia Ďurčová, Gabriela Kol'vecková, Peter Kuzmišin (2016-2017), Olga Nosál'ová, Daniela Palaščáková, Daniela Petriková (2016-2017), Manuela Raisová, Tatiana Soroková, Martin Kameník, Anna Ruščáková (2016-2017), Jozefína Semančíková (2016-2017).
<i>Duration:</i>	2016-2018

Project description:

Long-term structural changes in the world economy, as a natural consequence of globalization and internationalization of economic events, are considered as primary factors of international fragmentation of production activities. Considering the shortcomings of the traditional approaches to the evaluation of countries' participation on the process of the international labour division, the project will be focused on the analysis of the substantial features of the formation of added value regarding the sector levels in SR in terms of international fragmentation of production activities employing input-output tables. Results of the analysis support the wider economic relations of the SR participation in the global value chain (GVC). Based on the key findings we suggest the economic and political recommendations that intensify structural changes that increase positive macroeconomic and microeconomic effects derived from the active participation of SR in GVC.

<i>Project title:</i>	Financial health of companies and its importance in the context of supplier-customer relations
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA 1/0978/16
<i>Coordinator:</i>	František Janke
<i>Associated Faculty:</i>	Kočišová Kristína; Mojmir Prídavok; Lukáš Pinka; Ivana Peržel'ová; Peter Niroda; Peter Breyl
<i>Duration:</i>	2016 – 2017

Project description:

The project aims to analyze the financial health of businesses and its impact on supplier-customer relationships. The financial health of the company is one of the key factors influencing the selection of suppliers and the establishment of the business relationship conditions arising from the risk of supplier's negative behaviour. The main objective of the project is to create a scoring model of the financial health of companies and to analyse the impact of the supplier's financial health level and other factors to a quality level and ability to fulfill its obligations arising from the supplier-customer relationships. Also the analysis of disparities in relations between the financial health and capability to fulfill the obligations of supplier-customer relationships based on geographical and sectoral affiliation will be provided.



<i>Project title:</i>	Income Stratification and Polarization Perspective of Slovakia until 2030
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA - 2/0026/15
<i>Coordinator:</i>	Iveta Pauhofová
<i>Associated Faculty:</i>	Tomáš Želinský, Daniela Petříková, Tatiana Soroková, Alena Mojsejová
<i>Duration:</i>	2015-2018

Project description:

Research of income stratification allows to identify space for consumption as a contribution to economic growth in domestic demand. Crisis after 2008 caused an increase in income inequalities not only among the EU countries, but also within the countries. The goal of the project is to identify income stratification of the population and the context of its development: from the perspective of development of macroeconomic framework for identification of options space for consumption (the contribution of domestic demand to economic growth), with regard to the labor market, long-term unemployment.

<i>Project title:</i>	Indebtedness of local municipalities of Slovakia, the Czech Republic and Hungary and its impact on financing of public services
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA - 1/0559/16
<i>Coordinator:</i>	Lenka Maličková
<i>Associated Faculty:</i>	Veronika Šulíková, Lenka Hudáková Stašová, Radoslav Bajus, Leoš Šafár
<i>Duration:</i>	2016-2018

Project description:

The aim of the project is to analyse the influence of indebtedness of local municipalities on financing of chosen public services in Slovakia, the Czech Republic and Hungary, and to propose the measurements in income and expenditure budgetary items. The outcome of proposals will be more effective economic performance of local municipalities with emphasis on lowering the indebtedness level.

<i>Project title:</i>	Measuring and Reporting Intangible Assets
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA - 1/0311/17
<i>Coordinator:</i>	Jozef Glova
<i>Associated Faculty:</i>	Alena Andrejovská, Anna Bánociová, Lucia Fabiánová, Silvia Mrázková
<i>Duration:</i>	2017-2018

Project description:

The project provides conceptual framework to the area of intangible assets, and also defines logical rules for the particular intangibles and suggests mechanisms supporting the practice of financial reporting. We provide a broad knowledge basis for the assessment of firm's performance and monitoring of practices in corporate governance. Focusing on investments in intangibles, we analyze reasons, benefits and possible challenges of this kind of assets. That includes empirical evidence what forces companies to a decision on allocation of resources between tangible and intangible assets; to research and better understand the link for strategic decisions about investment on the level of a company and external competitive processes.

The result will be a complex methodology and framework for assessment and reporting of intangible assets in the Slovak republic.

Project title: **Perspectives of „GPP“ (Green Public Procurement) in public procurement at regional and local level**
Supported by: Ministry of Education, Science, Research and Sport of the SR
Contract Number: VEGA - 1/0750/17
Coordinator: Tomáš Malatínec
Associated Faculty: Slávka Klasová, Miriam Šebová
Duration: 2017-2019

Project description:

Green public procurement (GPP) is a process in public procurement whereby public authorities seek to procure goods, services and works with a reduced environmental impact throughout their life cycle when compared to goods, services and works with the same primary function that would otherwise be procured. Environmental criteria are involved in “green” purchasing. GPP has direct environmental benefits, it is supporting innovation and contributing to specific municipal and regional policy goals. The concept of GPP is promoted by the European Commission. Scientific aim of the project consists of evaluation of the GPP perspectives in local and regional practice with regards to the Europeanization of public procurement legislative framework. Based on the results, current state of the GPP in practice at local and regional level can be evaluated both in the phase of voluntariness and in the case of GPP vision de lege ferenda.

Project title: **Redefining regional development - moving towards resilient regions**
Supported by: Ministry of Education, Science, Research and Sport of the SR
Contract Number: VEGA - 1/0454/15
Coordinator: Oto Hudec
Associated Faculty: Nataša Urbančíková, Iveta Korobaničová, Gabriela Kol'vecková, Peter Džupka, Miriam Šebová, Monika Šiserová.
Duration: 2015-2017

Project description:

Economic integration in Europe has changed the map of economic relations with far-reaching consequences for the EU. The economic crisis has unfortunately revealed that this process is not stable, and still contains a number of serious unresolved problems that threaten the stability of the European economy as a whole. Imbalance and instability are often mentioned as one of the important factors of the crisis itself, not only within the EU but also globally. Strong emphasis is placed on regional resilience. The project was focused on the preparation and application of the concept of regional resilience, which is redefining the standard view on regional growth and development. Concept allows to explain the trajectory of regional development on the basis of resistance to incoming external and internal changes.

The project examined the nature and extent of shocks, effects on the regional economy in Slovak conditions. The resistance response flexibility and adaptation of regional economies to shocks had been examined as well.



<i>Project title:</i>	The Efficiency of Digital Single Market Development determined by the changes in transparency level, information asymmetry and socio-economic characteristics of market subjects.
<i>Supported by:</i>	Ministry of Education, Science, Research and Sport of the SR
<i>Contract Number:</i>	VEGA - 1/0807/16
<i>Coordinator:</i>	Radoslav Delina
<i>Associated Faculty:</i>	Marek Gróf, Nikola Šimková, Martin Kubačka
<i>Duration:</i>	2016 -2017

Project description:

The research is focused on socio-economic impact of digital single market strategy implementation. The standardisation, interoperability, e-trust, digital platforms and data economy evolution can have big impact on market players and the market behavioural changes, esp. based on higher transparency level. This changes are examined on empirical data from digital supply chains and within designed experiments. In 2017, agent based model for description of market behavior was applied and results summarized.

6.3 International Educational and other Projects

<i>Project title:</i>	Return on Investment of Work Based learning and Apprenticeships
<i>Acronym:</i>	ROI
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2017-1-SK01-KA202-035375
<i>Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec, Jozef Blánda
<i>Duration:</i>	2017-2019

Project description:

“RoI of WBL and apprenticeships” project suggests the development of a return on investment (RoI) model and digital tool that will allow European SMEs to calculate and visualise how investment on WBL and apprenticeships can manifest to multiple benefits.

The innovative force of the project is the focus of its model to SMEs needs as well as the integration in the model and the digital tool of both SMEs-related benefits as well as society-related ones in order to clearly demonstrate the multilevel outcomes derived from work-based learning & apprenticeship practices.

The general objectives of the project are:

- make apparent the benefits of WBL and apprenticeships at the level of individual SMEs and the society.
- promote WBL and apprenticeships by motivating the engagement of SMEs.

The direct target groups are SME’s entrepreneurs, managers and staff as well as VET providers (vocational training centres, professional schools, employment centres) that cooperate with SMEs for the provision of WBL and apprenticeships.

At second level, it targets VET stakeholders and policy makers, national representatives of European networks as well as VET practitioners and experts.

The main results of the project are

- A model for the calculation of RoI of WBL and apprenticeships by SMEs
- A digital online tool that will demonstrate in visual way the RoI model
- A Good Practices Guide addressed to SMEs, giving guidance on how to design, implement and monitor profitable apprenticeship practices which can benefit the enterprise, the apprentice and the entire society.
- Creation and promotion of an apprenticeship-friendly SMEs badge to increase the engagement of companies in the provision of WBL.
- Promotion of VET – SMEs cooperation, through experimentation and validation of the RoI model.

<i>Project title:</i>	Education for Local Development of Rural Areas
<i>Acronym:</i>	ELDORA
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2017-1-SK01-KA202-035388
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec, Jozef Bľanda
<i>Duration:</i>	2017-2019

Project description

The aim of the project is to strengthen the key competences and skills of young people at their final year at schools (VET institutions and universities), unemployed young people and leaders in rural areas to help them start a social enterprise in order to better utilize local natural and human resources, to increase economic development of rural areas and to prevent brain drain. In “European employment strategy” strong support to entrepreneurship and self-employment is given with special focus on **social entrepreneurs**. Intellectual outputs cover Handbook *How to Establish and Manage Social Enterprises* and best practices collection, Teaching plan and teaching material for training series and e-learning videos and Gamification.

<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
<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
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<i>Project title:</i>	Establishment of Capacity Building Centers as a Sustainable Solution to Raise the Standards of Teaching Staff in Indian HEI's
<i>Acronym:</i>	CABCIN
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	573616-EPP-1-2016-1-PL-EPPKA2-CBHE-JP
<i>Local Coordinator:</i>	Michal Šoltés
<i>Associated Faculty:</i>	Marianna Siničáková, Ján Buleca
<i>Duration:</i>	2016-2019

Project description:

The overall objective, to which the project will contribute is to strengthen the capacity and quality of teaching at partner HEI's in India by the establishment of their own educational centers. The target goal of establishing the Capacity Building Centers is to offer an initial and continuous training for current and future university teachers with focus on pedagogical skills with ICT use. This will be done through preparing selected staff to conduct high-quality and innovative face-to-face, as well as e-learning courses, deliver feedback and resources to make excellent teaching possible.

Specific Project Objectives are:

- To create campuswide teaching culture by establishment the Capacity Building Centers with open and flexible access to its e-learning resources
 - To build own capacity by preparing selected staff towards delivering trainings for academics
 - To develop map of key teaching competencies in order to design tailor-made courses for current and future university teaching staff
 - To develop key self-regulation and self-managing competencies for teaching staff in order to overcome the obstacles that they face during the teaching process by preparing teaching programs with focus on pedagogical skill
 - To enlarge number of trained staff by implementing innovative blended courses with ICT use
 - To create possibility of applying gained skills and building international teaching and research networks by developing European Visiting Program
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<i>Project title:</i>	Recovery the Crisis through Entrepreneurial Attitude
<i>Acronym:</i>	RECREATE
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2017-1-PL01-KA203-038438
<i>Local Coordinator:</i>	Peter Džupka
<i>Associated Faculty:</i>	Radovan Dráb, Iveta Korobaničová, Slávka Klasová, Tomáš Malatinec, Miriam Šebová, Nataša Urbančíková, Oto Hudec, Dana Paľová, Martin Vejačka
<i>Duration:</i>	2017-2019

Project description

REcovery the CRisis through Entrepreneurial ATtitude - RECREATE - aims to address:

- the creation of links between higher education, research and business especially at regional level
- the acquisition of transversal and entrepreneurial attitude among young researchers and students, in order to contribute to recovery of the current economic crisis.

Furthermore, RECREATE aims to stimulate the acquisition of key competences, such as creativity and digital skills through innovative learning environments such as open educational resources, and flexible learning approaches.

Specific objectives of the project are:

- To develop an innovative e-learning package adapted to the needs and requirements listed by the European Commission and other important studies to face the challenges of Europe 2020 Strategy, in particular for what concern innovation and the development of T shaped skills.
- To develop educational games, simulation and interactive tools: the goal is to develop an experimental product, also in terms of educational methods, tools and practice
- To test and evaluate (and amend if necessary) the e-learning package according to the results of the pilot conducted in 5 EU countries
- To disseminate the the e-learning package in the project partner countries and to prepare for its further exploitation especially within Universities, Research centres, Incubators, Innovation Centres, etc.

The training programme will allow researchers, students and young graduates in the partner countries to become more entrepreneurial and acquire new skills and qualifications. After attending the training they will know how to start their own knowledge based business and/ or commercialise research results.



<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 Malatinec, Miriam Šebová, Nataša Urbančíková, Oto Hudec, Dana Paľová, Martin Vejačka
<i>Duration:</i>	2017-2020

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>	Head in the Clouds: Digital Learning to Overcome School Failure
<i>Acronym:</i>	CloudLearning
<i>Supported by:</i>	European Commission – Erasmus+
<i>Contract Number:</i>	2015-1-AT01-KA201-005024
<i>Local Coordinator:</i>	Tomáš Želinský
<i>Associated Faculty:</i>	Tomáš Sabol, Pavol Pekarčík, Dana Paľová, Ľubica Štiblárová, Silvia Mrázková, Marek Il'ko
<i>Duration:</i>	2016-2018

Project description:

The project deals with the prevention of early school leaving, the development of basic and transversal skills and the enhancement of digital education in the context of minorities, mainly Roma. Educational disadvantages and exclusion lead to lacking integration in the labour market and exclusion from society in general, which is a vicious circle in minority communities this project wishes to break. In three locations in Slovakia, Romania and Kosovo the partners will implement an innovative educational approach to tackle the issue with a number of participating children and youth. In their afterschool and youth programmes they will use a SOLE-box and specifically designed learning materials to engage students and youth in their own learning process. SOLE stands for Self-organized Learning Environments and represents a widely recognized alternative educational method that supports an individual learning process according to a student's abilities, needs and interests.

In 2016 the needs of the implementing partners were assessed and a set of eight SOLE-boxes was proposed and study materials started being created. In 2017 all boxes were finalised (Video-making, Introduction to IT, English Language, Programming, Ekopolis, and Real-life), and the materials were used as additional teaching materials in after-school sessions.

<i>Project title:</i>	SMART COMMUNITIES - Virtual Education and Research and Development and Innovation Network in Slovakian- Hungarian border region
<i>Acronym:</i>	SMART COMMUNITIES
<i>Supported by:</i>	<i>INTERREG SK-HU</i>
<i>Contract Number:</i>	SKHU/1601/41/210
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec
<i>Duration:</i>	2017-2019

Project description

The target area could be characterised as 'the periphery of the periphery' with continuously worsening economic and social county and micro-regional level indicators (eg.: GDP, (un)employment, migration, shrinking communities, inefficient use of natural resources, education level, value-added,...) despite former, traditional rural development interventions.

The overall objective of the project is significant contribution to enhanced intellectual property in the disadvantaged cross-border area of Southern Slovakia and Northern Hungary with the establishment and dissemination of innovative cooperation structures as a practical implementation of soci(et)al innovation.

In the framework of the project we aim to build a network of civil partners, educational and research institutions and organize and implement joint professional programs, trainings and mentoring schemes with the participation of the target group, as local population from early childhood to pensioners including a high number of socially marginalised people.

The main outputs are the establishment of sustainable cooperation structures as (1) Virtual Education and RDI Network (VERDI-NET) and (2) a Smart ICT Competence Centre. As a result, the project could provide real, practical alternatives for the target group that is the socially marginalised inhabitants of the border region.

Our concept is that the area can break out from its lock-in situation through activities based on endogenous development and smart communities instead of intensive industry settlement. Priority sectors of the project are education and R&D&I with thematic focus on (1) sustainability and (2) information technologies. Cross-border approach is needed because acting on national/regional/local level could only further increase regional disparities and inequalities that is clearly not an objective neither at policy, nor at project level.



<i>Project title:</i>	Managing Migration and Diversity through Local Government Capacity Building
<i>Acronym:</i>	MAMIDI
<i>Contract Number:</i>	2016-1-SK01-KA204-022518
<i>Supported by:</i>	European Commission
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Tomáš Malatínec
<i>Duration:</i>	2016-2018

Project description:

The MAMIDI project aims to build capacity of LG in order to be better prepared for the changes coming from present challenges of EU. The capacity will be enhanced by two main tools:

- Preparation and pilot run of the training for local government.
- Roadmap for managing migration and diversity for local government.

During the first project year the analyses in partner country in the area of migration and diversity have been carried out and the training materials have been elaborated. The multi-disciplinary design of the course enables to train local government to be all round experts that are able to analyse and assess migration and diversity from multiple angles and work on these issues in diverse settings. This design also manifests in the structure of the various disciplines and provides a unique combination of expertise within a single course. The sociology track focuses specifically on the analysis of migration and integration processes and the societal implications of these processes. The public policy track focuses specifically on public policymaking and the broader political implications of migration and diversity.

<i>Project title:</i>	Occupational Safety and Risk Control in Construction and Metal Industry Sectors
<i>Acronym:</i>	OccU.S.feInCMIS
<i>Contract Number:</i>	2016-1-TR01-KA202-034976
<i>Supported by:</i>	European Commission
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec
<i>Duration:</i>	2016-2018

Project description:

A vocational education module was developed for the metal sector students in order to increase their knowledge and awareness about occupational health and safety. Training skilled labor is one of the essential necessities of such global economy where knowledge and information technology is gaining more and more importance. Investing in labor force is the defining factor to enhance international competitiveness. Another instrument to increase occupational health and safety awareness shall be conducted through formal and non-formal education. A web portal was developed in order to facilitate vocational education. A mobile version will also be added to the system so that users could access the portal via smartphones which could also increase the utility to maximum level. Moreover, best practices handbook will be prepared and thanks to this experiences and contribution to capacity development of workers, employers and students shall be enhanced. In addition, Glossary on Risk Terminology will be prepared so that the students of metal sector, employers and workers in construction sector could clearly apprehend the concepts and employ the knowledge in practice about occupational health and safety.

<i>Project title:</i>	Higher Education and Companies FOsteRing ETHICAl Skills
<i>Acronym:</i>	HECOS FOR ETHICS
<i>Contract Number:</i>	014-1-IT01-KA200-002484
<i>Supported by:</i>	European Commission
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec, Gabriela Kol'vecková
<i>Duration:</i>	2014-2017

Project description:

Within the project the new methods and tools to assess, certify and spend learning products in EQ framework have been developed. They are aimed to enhancing outdoor training as a vehicle to let production and international cooperation sector meet and, at the same time, to foster the adoption of CSR by the production system.

The project introduced modalities to certify acquired skills and incorporate them in the ethic skills area of EQF for managers. The approach of new contexts and methods to gain, meanwhile organizational skills and skills defined by the ethical describers of EQF for managers to assess them, is an innovation because the venue of the training can be transfered from training centers and schools to an operative venue, while enhancing values that are objects and topics of the ethical competencies area in EQF for managers. During the third year three practical training in the area of CSR have been undertaken and catalogue of CSR courses has been prepared.

<i>Project title:</i>	Strategic Partnership for Creativity and Entrepreneurship
<i>Acronym:</i>	SP4CE
<i>Contract Number:</i>	2014-1-PL01-KA200-003341
<i>Supported by:</i>	European Commission
<i>Local Coordinator:</i>	Nataša Urbančíková
<i>Associated Faculty:</i>	Oto Hudec, Dana Pařová
<i>Duration:</i>	2014-2017

Project description:

There are problems with the lack of trainings increasing competence of students in areas needed by enterprises and lack of innovative solutions for student-teacher-enterprises collaboration in vocational and high education trainings. Project aimed to preparation of multi-user platform for common approach and provides a new Pedagogical and Organizational Model for communities and individuals to explore their innovative potentials by the use of ICT-tools proceeding the strengthening of their self-esteem. The results contain the Knowledge Generating House as a site enhancing innovation on a social networking basis designed according to the Open Innovation concept. The practical utilisation for cooperation between students, mentors and tutors has been tested.



6.4 National educational projects and Developmental activities

<i>Project title:</i>	Preparation of new capacities for European Structural and Investments Funds
<i>Acronym:</i>	ESIF
<i>Supported by:</i>	Deputy Prime Minister's Office for Investments and Informatization of the Slovak Republic
<i>Local Coordinator:</i>	Peter Džupka
<i>Associated Faculty:</i>	Nataša Urbančíková, Oto Hudec
<i>Duration:</i>	2017-2018

Project description

The main aim of the project is to develop new master course of the students - Management of ESIF program and projects. The course will be offered to students with active participation of professionals from different public organizations responsible for implementation of ESIF projects. Course will offer short internship programs at Ministry offices for students to obtain practical experiences.

<i>Project Title:</i>	Management System for Quality, Efficiency and Economic Effectiveness at the Faculty of Economics (QMS-EkF)
<i>Project manager:</i>	Radoslav Bajus, Radoslav.Bajus@tuke.sk

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

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

Project Title: Preparation and Delivery of the Mathematics Courses
Project manager: Libuša Révészová, Libusa.Reveszova@tuke.sk
Project implementation period: October 2016 – March 2017

The aim of the project: Preparation and delivery of courses on Mathematics for applicants for the study at the Faculty of Economics.

Project milestones and timetable:

Milestone	Title	Start date	End date
1	Preparation of materials for the 1 st period of the courses, delivery of teaching, evaluating feedback from the 1 st period of the courses	October 2016	January 2017
2	Preparation of materials for the 2 nd period of the courses, delivery of teaching, evaluating feedback from 2 nd period of the courses	January 2017	March 2017

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: 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, Dana.Palova@tuke.sk
Project implementation period: May 2003 – August 2017

- 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 2017 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 projects will start in 2017:

Project title: **Opportunity ReCOgnition and Exploitation in a Circular Economy for RIS (ORCERIS)**

Supported by: H2020, EIRT, Raw materials

Contract Number: 17123

Coordinator: *Nataša Urbančíková*

Duration: 2018-2020

Project title: **Multidimensional analysis of significant determinants of public procurement efficiency with emphasis on the application of Health Technology Assessment in the procurement preparation phase**

Acronym: **Procurius**

Supported by: Slovak Research and Development Agency

Contract Number: APVV-17-0360

Coordinator: *Beáta Gavurová*

Duration: 2018-2021

Project title: **Selected aspects of financial and non-financial evaluation of enterprises with regard to the funding opportunities in EU**

Acronym: **smartFUN**

Supported by: Slovak Research and Development Agency

Contract Number: APVV-17-0367

Coordinator: *Beáta Gavurová*

Duration: 2018-2020

Project title: **Differentiation of wealth and income levels of households in the countries of the European Union**

Supported by: VEGA

Contract Number: 1/0617/18

Coordinator: *Ján Buleca*

Duration: 2018-2019

Project title: **Cities as the driving force of economic growth and quality of life**

Supported by: VEGA

Contract Number: 1/0633/18

Coordinator: *Oto Hudec*

Duration: 2018-2020

Project title: **Financial derivatives and their use in the private and public sectors in Slovakia and in the world**

Supported by: VEGA

Contract Number: 1/0417/18

Coordinator: *Monika Harčariková*

Duration: 2018-2020

Project title: **The impact of effective corporate taxation on investment decision makers**

Supported by: VEGA

Contract Number: 1/0618/18

Coordinator: *Alena Andrejovská*

Duration: 2018-2019

<i>Project title:</i>	Development of methodological platform for evaluation of efficiency in the financial and non-financial sector
<i>Supported by:</i>	VEGA
<i>Contract Number:</i>	1/0794/18
<i>Coordinator:</i>	<i>Kristína Kočíšová</i>
<i>Duration:</i>	2018–2020
<i>Project title:</i>	Synchronization of economic cycles in Europe in the context of quantitative easing and fiscal convergence
<i>Supported by:</i>	VEGA
<i>Contract Number:</i>	1/0816/18
<i>Coordinator:</i>	<i>Marianna Siničáková</i>
<i>Duration:</i>	2018–2019
<i>Project title:</i>	Educational framework of key competences in the business environment internationalization
<i>Supported by:</i>	KEGA
<i>Contract Number:</i>	068TUKE-4/2017
<i>Coordinator:</i>	<i>Daniela Petříková</i>
<i>Duration:</i>	2018–2019
<i>Project title:</i>	eProcurement Academy
<i>Supported by:</i>	KEGA
<i>Contract Number:</i>	075TUKE-4/2018
<i>Coordinator:</i>	<i>Beáta Gavurová</i>
<i>Duration:</i>	2018–2019
<i>Project title:</i>	Integration of the education process in the field of financial management focused to ICT
<i>Supported by:</i>	KEGA
<i>Contract Number:</i>	081TUKE-4/2018
<i>Coordinator:</i>	<i>Ján Buleca</i>
<i>Duration:</i>	2018–2019
<i>Project title:</i>	Preparation of administrative capacity for their direct involvement in the implementation of the ESI +
<i>Supported by:</i>	KEGA
<i>Contract Number:</i>	011TUKE-4/2018
<i>Coordinator:</i>	<i>Nataša Urbančíková</i>
<i>Duration:</i>	2018–2020
<i>Project title:</i>	Business Process Management and Methods of Assessing the Efficiency of ICT Use in an Organization
<i>Supported by:</i>	KEGA
<i>Contract Number:</i>	065TUKE-4/2018
<i>Coordinator:</i>	<i>Dana Paľová</i>
<i>Duration:</i>	2018–2020
<i>Project title:</i>	Development and implementation of the TLP (Teaching-Learning-Practising) model into education in the field of municipal policy an economy
<i>Supported by:</i>	KEGA
<i>Contract Number:</i>	022TUKE-4/2018
<i>Coordinator:</i>	Tomáš Malatínec
<i>Duration:</i>	2018–2020



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 (ŠVOR). 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.

Club of Young Researchers

Students at the Faculty have opportunity to join the Club of Young Researchers (KMV). Organized meetings in the Club are based on the series of activities represented by lectures given by well-known domestic and foreign researchers, case studies on challenging topics, critical discussion in the form of brainstorming on the recent topics in economic and social disciplines, methodological seminars, etc. The main objective of the Club is to promote and deepen theoretical and empirical knowledge of the students, exchange opinions and experience with renowned experts from academic and business sector and promote benefits of critical discussion. Students also get opportunity to collaborate with cooperating partners of the Faculty on common case studies and projects, get convenient assistance for their bachelor and master thesis and establish valuable contacts that could be beneficial on their way to the success after graduation at the Faculty.

7 Study Programmes

The Faculty of Economics offers accredited study programmes in the field of Finance, Banking and Investment and Economy and Management of Public Administration.



Fig. 4: Promotional event (“The Day of Open Doors”) for pupils of secondary schools interested in study at the Faculty of Economics

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 organisations 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 2017/2018 more than 800 full-time Slovak students, 30 international students, more than 100 part-time bachelor- and master-level students, and 31 internal and 22 external PhD students study at our Faculty.



Fig. 5: Comitee of the Final state exams (Master degree programme)

8 Further Professional Education and Consultation Services

Within the life-long education the Faculty of Economics offers further professional development courses. The course “Finance, Banking and Investment” with a nominal length of four semesters (288 hours of tuition) is focussed on the following target groups:

- University graduates who graduated in non-economic fields and currently are seeking for re-qualification or need training in economics to increase their chances of promotion or obtaining a better job;
- University graduates in economics wanting to update/upgrade their knowledge in the field of finance, banking and investment;
- Unemployed university graduates seeking re-qualification.

The course consists of the following modules: Banking, Financial Mathematics, Tax and Taxation, Financial Markets, Accounting, Corporate Finance, International Finance, Investment, Public Finance, Stock Exchange Market, Financial Derivatives, Actuarial Science, E-Commerce Assistant. The course is accredited by the National Accreditation Committee for Further Education. After successful completion of the course, the participants receive a certificate.

Accredited educational course “Entrepreneurial Competences” offered by the Faculty consists from the following modules:

- Sustainable Development and Business Opportunities,
- Entrepreneurial Creativity and Innovation Management,
- Entrepreneurship,
- Business Planning,
- Small Business Administration,
- Business English.

The Faculty offers also advisory and consultation services in the following areas:

- Financial management, profitability analysis, cost management, price calculation, capital budgeting;
- Finances analysis, financial performance measures;
- Investment tools, derivatives, risk management;
- Financial accounting, reporting, auditing;
- Strategic management and planning;
- Business and financial modelling;
- e-Business, e-Banking, and e-Government applications;
- Trust building mechanism;
- Information system analysis and modelling;
- Regional and local strategies for innovation and human resource development;
- Actuary science, products.



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 2017 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. In 2017, strong cooperation with Tatrabanka, a.s., LYNX, s.r.o. and Kooperatíva, a.s. has developed.

The Day of Tax Freedom at EkF

On the occasion of the Tax Freedom Day, Faculty of Economics TUKE (EkF TUKE), in cooperation with the Slovak Chamber of Tax Advisors (SKDP), held at the premises of TUKE University Library the event: The First Annual Celebration of Tax Freedom Day.

The event was officially opened by dean of EkF TUKE assoc. prof. Michal Šoltés and member of SKDP Presidium Ing. Marta Ščureková. The event was attended by invited guests with individual presentations on various themes: Ing. Anna Jurišová (Tax Office in Košice), Ing. Ladislav Drabik, PhD., MBA. (Chairman of the Board KRK SOPK), Ing. Štefan Fabian, PhD. (Slovak Chamber of Auditors), Ing. Rastislav Ručinský, PhD. (Vice-Dean for Faculty Development, Projects and Public Relations PHF in KE) and Dominika Adamcikova (President of AIESEC Košice). Under the leadership of Ing. Viera Zoričáková, PhD. (SKDP) was led a panel discussion on current tax trends and problems both theoretically and practically. The event included free tax consultancy provided by certified tax advisors of SKDP (Darina Kočišová, Božena Ninčáková and Marianna Hubová). Among other things, accompanying event included: Banknote authentication, Tax literacy quiz.

Cooperation with The Slovak Chamber of Tax Advisors

The Slovak Chamber of Tax Advisors, the regional office of Košice, organized this year the 17th year of the competition for the best diploma thesis in the field of taxes. The students of our faculty achieved 1st and 3rd place in this competition.

This year, the SKDP, with its entire national scope, awarded for the first time a prize for diploma and doctoral theses with a tax topic to undergraduates and post-graduates from selected departments of Slovak universities. Our Faculty received one award for the diploma thesis.

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.

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 of Nice Sophia Antipolis, 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
- Politechnical 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, 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, 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
- Ternopil National Economic University, Ternopil, Ukraine

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 Franfurkt 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
- University of Toyama, Japan
- National Academy of Science – Institute of Regional Researches, Lviv, Ukraine
- Donetsk National University (Vinnitsa), Ukraina
- Ukrainian National Forestry University, Transcarpathian Forestry Technical College, Ukraina
- 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

During the academic year 2016/2017 42 of our students participated in the exchange study programs. Three students successfully accomplished their Bachelor two degree program at the University of Nice Sofia Antipolis France. Mobilities from other EU countries to Slovakia also took place. 21 Erasmus students from Spain, Italy, France, Germany, Romania, Poland and Lithuania studied at our Faculty. In the same academic year, visiting teachers from the partner universities in the Germany, France, Czech Republic, Poland, Turkey, Romania, and Hungary gave lectures at the Faculty.

In the academic year 2017/2018 29 our students have already participated in exchange program in winter semester and 28 students will participate in the summer semester.

Within two degree programs, three students studied at the University of Nice Sophia Antipolis France and one Russian student came from Khabarovsk State Academy of Law and Economics in 2016/2017. All of them successfully accomplished their two degree studies and got either Bachelor or Master degree at partner university.

The Faculty continues the cooperation with the University of Nice Sophia Antipolis, 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 of Nice Sophia Antipolis and study directly at this University for two semesters in order to receive a Bachelor degree from the University of Nice Sophia Antipolis. Up to now, 98 students have been awarded the Bachelor degree, 30 students Master 1 degree, 5 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. Faculty students involved in the two degree program at the University of

Nice (France) in 2016/17 had their solemn graduation under the auspices of the French Embassy in Banská Bystrica in November 2017.

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.



Fig. 6: Solemn graduation of Faculty students involved in the two degree program with the University of Nice (France), two Faculty graduates and Francois-Xavier MORTREUIL, from the French Embassy in Slovakia

8.2 Visitors to the Faculty

Within the framework of bilateral cooperation, the following representatives of partner institutions visited the Faculty of Economics in 2017:

- Lambert T. Koch, University of Wuppertal, Germany
- Ernst Andreas Ziegler, University of Wuppertal, Germany
- Petr Doucek, University of Economics, Prague, Czech Republic
- Jiří Polách, Business School Ostrava, Czech Republic
- Lumír Kulháněk, VŠB - Technical University of Ostrava, Czech Republic
- Jana Hakalová, VŠB - Technical University of Ostrava, Czech Republic
- Yveta Pšenková, VŠB - Technical University of Ostrava, Czech Republic
- Jitka Langhamrová, University of Economics, Prague, Czech Republic
- Tomáš Löster, University of Economics, Prague, Czech Republic
- Grzegorz Michalski, Wroslaw University of Economics, Poland
- Andrzej Kryniczki, Polonia University, Czestochowa, Poland
- Liviu Ciucan-Rusu, Petru Maior University of Tirgu Mures, Romania
- Maciej Dzikuć, University of Zielona Góra, Poland

- Anetta Barska, University of Zielona Góra, Poland
- Janina Jędrzejczak-Gas, University of Zielona Góra, Poland
- Joanna Wyrwa, University of Zielona Góra, Poland
- Laurent Dalmas, University of Versailles Saint Quentin en Yvelinnes, France
- Paulina Filip, University of Rzeszow, Poland
- Mariola Grzebyk, University of Rzeszow, Poland
- Tatyana Mikhalina, Doneck National University in Vinnitsa, Ukraine
- Srdjan Redzepagić, University of Nice Sophia Antipolis, France
- Alessandro Figus, Campus Link University, Rome, Italy
- Stefan Mustica, Campus Link University, Rome, Italy
- Stefania Capogna, Campus Link University, Rome, Italy
- Valentin Railean, IMI Nova, Chisinau, Moldova
- Valentina Fetiniuc, IMI Nova, Chisinau, Moldova
- Ivan Luchian, IMI Nova, Chisinau, Moldova
- Abderrazak El Hiri, Sidi Mohamed Ben Abdellah University, Fez, Morocco
- Mohamed M'HAMDI, Sidi Mohamed Ben Abdellah University, Fez, Morocco
- Martin Užik, University of Applied Sciences in Berlin, Germany
- Nana Vashakidze, Caucasus School of Humanities and Social Sciences, Tbilisi, Georgia



Fig. 7: Visiting lecturers prof. Koch and prof. Ziegler from the University of Wuppertal (Germany)



8.3 Visits of the Faculty Staff to Foreign Institutions

Alena Andrejovská:

- Czech University of Life Sciences Prague, Czech Republic

Anna Bánociová:

- Czech University of Life Sciences Prague, Czech Republic

Ján Buleca:

- University of Versailles St. Quentin en Yvelines, France
- Lusófona University, Lisbon, Portugal
- Parul University, Vadodara, and SAL University, Ahmedabad, India
- Wroclaw University of Science and Technology, Poland

Radoslav Delina:

- European Commission, Brussels, Belgium
- NAR Marketing, Ostrava, Czech Republic
- University of Economics Prague, Czech Republic

Beáta Gavurová

- Charles University, Prague, Czech Republic, Czech Republic
- Czech University of Life Sciences Prague, Czech Republic
- The National Institute of Public Health, Praha, Czech Republic
- Faculty of Social and Economic Studies, Jan Evangelista Purkyně University in Ústí nad Labem, Czech Republic
- Faculty of Informatics and Management, University of Hradec Králové
- Faculty of Economics and Administration, University of Pardubice, Czech Republic

Ivana Gerhartová

- University of Maribor, Slovenia

Jozef Glova:

- The Berlin School of Economics and Law, Berlin, Germany

Oto Hudec:

- The Caucasus University, Tbilisi, Georgia,
- The University of Groningen, Netherlands,
- Dalfts municipality, Netherlands,
- Sidi Mohamed Ben Abdellah University, Fez, Morocco,
- University of Pardubice, Czech Republic

Kristína Kočíšová:

- Faculty of Economics, VŠB – Technical University of Ostrava, Ostrava, Czech Republic

Gabriela Kol'vecková:

- Oikos onlus (Organization for International KOoperation and Solidarity Onlus), San Servolo, Italy
- Rosto Solidário (Associação de Desenvolvimento Social e Humano), Santa Maria da Feira, Portugal

Rajmund Mirdala:

- Mendel univerzita in Brno, Faculty of Business and Economics, Czech Republic
- Silesian university in Opava, School of Business Administration in Karvina, Czech Republic
- University of Nice Sophia Antipolis, France

Daniela Palaščáková:

- Uzhhorod National University, Uzhhorod, Ukraine
- Vasyľ Stus Donetsk National University, Vinnytsia, Ukraine
- Poltava National Technical University, Poltava, Ukraine

Marianna Siničáková:

- Parul University, Vadodara, India
- Catholic University of Lille, France
- University of Wuppertal, Germany
- Lusófona University, Lisbon, Portugal
- Polonia University, Czestochowa, Poland

Miriam Šebová:

- University of Groningen, Netherland
- Economic University in Wroclaw, Poland

Michal Šoltés:

- University of Versailles St. Quentin en Yvelines, France
- Parul University, Vadodara, India
- University of Wuppertal, Germany
- Lusófona University, Lisbon, Portugal
- Polonia University, Czestochowa, Poland
- Uzhorod National University, Uzhhorod, Ukraine

Radoslav Tušan:

- University of Oradea, Romania

Nataša Urbančíková:

- Caucaus 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



Viliam Vajda:

- European Commission, Brussels, Belgium
- Romanian Academy, Bucharest, Romania

Tomáš Želinský:

- Monash University, Melbourne, Australia
- The University of Melbourne, Melbourne, Australia G
- ESIS Leibniz Institute for the Social Sciences, Mannheim, Germany
- CERGE-EI (Center for Economic Research and Graduate Education - Economics Institute), Prague, Czech Republic
- Charles University, Prague, Czech Republic
- University of Economics, Prague, Czech Republic
- Institute of Sociology of the Academy of Sciences of the Czech Republic

8.4 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 American Economic Association

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 Slovak Economic Association
- Member of Association of Slovak Scientific and Technological Societies

Radoslav Delina:

- Financial expert of Ministry of Education for HORIZON2020
- Member of European RTD Evaluation Network (Ares(2013)437085-MS) under DG Research and Innovation of European Commission
- Member of H2020 MGA Working Group under DG Research and Innovation of European Commission
- Member of expert group for Economy and Social Development Programme of Kosice city

- Member of expert group for Ministry of Education SR
- Member of Aladin University Network

Beáta Gavurová:

- Editor in chief in E+M Ekonomie a management journal,
- Member of the Expert Group of the Office of the Government Plenipotentiary for Roma Communities,
- Working Group member of the Government Office of the Slovak Republic
- Member of the Cultural and Educational Grant Agency of The Ministry of Education, Science, Research and Sport of the Slovak Republic
- Assessment board member of Slovak Centre of Scientific and Technical Information (CVTI) (for categorization and review of publishing)
- Member of The Slovak Association of Business Management (SAPRIA),
- Member of The Slovak Statistical and Demographic Society, Slovakia
- Member of Slovak Public Health Association (SAVEZ),
- Member of Editorial Board “The Polish Journal of Management Studies”
- Member of Editorial Board “Journal of Business Economics and Management”
- Member of Editorial Board “Business: Theory and Practice”
- Member of Editorial Board “International Journal of Entrepreneurial Knowledge (IJEK)”
- Member of Editorial Board “eXclusive e-JOURNAL”,
- Member of Editorial Board “MAD – Magazine of Aviation Development, Czech Technical University in Prague”,

Jozef Glova:

- Member and Assistant Professor of Robert Bosch Stiftung, Germany

Radoslav Bajus:

- Member of the Slovak Chamber of Certified Accountants

Lenka Hudáková Stašová:

- Member of the Slovak Chamber of Certified Accountants

Oto Hudec:

- Vice-president of the Slovak section of the European Regional Science Association
- Regional Studies Association Representative for the Slovak Republic,
- Member of the Editorial Board – European Urban and Regional Studies,
- Member of the Editorial Board - Portuguese Review of Regional Studies,
- 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 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.



Peter Kuzmišin:

- Member of the Editorial Board of the Journal of Regional Economy at the Institute of Regional Research of National Academy in Lviv, Ukraine

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-Biala 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

Alena Mojsejová:

- Member of Union of Slovak Mathematicians and Physicists
- Member of the Slovak Statistical and Demographical Society, 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 (2414-0414).

Eudmila 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 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

Miriám Šebová

- Member of the Slovak speaking section of ERSA
- Member of ERSA (European Regional Science Association)

Marianna Siničáková:

- Member of the Polish Economic Society, Poland
- Member of the Editorial board, Journal of Economic Analysis, Serbia
- Slovak-French University Institute, Slovakia

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

Nataša Urbančíková:

- Member of the Editorial board of Japan Social Innovation Journal

Tomáš Želinský:

- National representative to The Board of European Courses in Advanced Statistics
- Scientific Secretary of the Committee of The Slovak Statistical and Demographic Society, Slovakia
- Executive Editor of The Forum Statisticum Slovacum journal
- Member of The Global Development Network, India
- Member of The R Foundation, Austria
- 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 fields of Finance, banking and investments and in the field of Public administration and regional development. In 2017, following researchers successfully defended their habilitations:

9.1 Finance, Banking and Investments

Alena Andrejovská, PhD, Affiliation: Faculty of Economics, Technical University of Kosice, Title of habilitation thesis: Impact of effective corporate taxation on tax competition.

Ján Buleca, PhD, Affiliation: Faculty of Economics, Technical University of Kosice, Title of habilitation thesis: Differentiation level of household income in the countries of the Visegrad Group.

Júlia Ďurčová, PhD, Affiliation: Faculty of Economics, Technical University of Kosice, Title of habilitation thesis: The impact of monetary policy on the monetary policy objectives in the new EU member states

9.2 Public Administration and Regional Development

Miriám Šbová, PhD, Affiliation: Faculty of Economics, Technical University of Kosice, Title of habilitation thesis: Economic and social dimensions of city culture

10 PhD Study

10.1 Internal PhD Students at the Faculty of Economics

In 2017 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. Zuzana Čarnogurská: Is the Eurozone an Optimum Currency Area from the labour marketpoint of view? Supervisor: Assoc. Prof. Marianna Siničáková;
3. Darya Dancaková: Intellectual Capital and Specific Aspects of its Evaluation. Supervisor: Assoc. Prof. Jozef Glova;
4. Jakub Danko: Modeling of Financial Markets. Supervisor: Prof. Vincent Šoltés;
5. Eva Huculová: Methodology Problems of Using Health Technology Assessment and Suggestions for Solutions. Supervisor: Assoc. Prof. Beata Gavurová;
6. Lukáš Kakalejčík: Digital Analysis and its Use in Application as the Part of Business Intelligence. Supervisor: Assoc. Prof. Jozef Bucko;
7. Martin Kameník: Fiscal Rules, Fiscal Space and Pro-cyclical Fiscal Policy. Supervisor: Assoc. Prof. Rajmund Mirdala;
8. Slavomíra Martinková: Corporate Tax as a Financial Policy Tool. Supervisor: Assoc. Prof. Anna Bánociová;
9. Silvia Mrázková: Business Valuation Focusing on the Identification of Intangible Assets. Supervisor: Assoc. Prof. Jozef Glova;
10. Ivana Perželová: Application of Selected Methods of Assessing of the Effectiveness of Health services in Slovak Republic. Supervisor: Assoc. Prof. Beáta Gavurová;
11. Veronika Puliková: Effective Corporate Taxation in the EU Countries. Supervisor: Assoc. Prof. Anna Bánociová;
12. Martina Regásková: Advanced Financial Accounting and Hedge Accounting of the Financial Instruments. Supervisor: Assoc. Prof. Anna Bánociová;
13. Lenka Senderáková: Socioeconomic Impact of Transparency Improvement on the Market by Digital Single Market Development. Supervisor: Assoc. Prof. Radoslav Delina;
14. Žofia Sinčáková: Digital Governance of the Cities. Supervisor: Prof. Oto Hudec;
15. Jakub Sopko: Efficiency Measurement in the Service Sector. Supervisor: Assoc. Prof. Kristína Kočíšová;
16. Erik Suchý: Union of Capital Markets. Supervisor: Assoc. Prof. Michal Šoltés;
17. Petra Szlafkaiová: Model for Economic and Financial Valuation of Smart City Strategies. Supervisor: Assoc. Prof. Peter Džupka;
18. Leoš Šafár: Quantitative Easing as an Alternative Monetary Policy Instrument. Supervisor: Assoc. Prof. Marianna Siničáková;
19. Lucia Šolcová: Impact of New Technology Trends - Industry 4.0, Robotization, Artificial Intelligence etc.) on the Future of Employment. Supervisor: Prof. Tomáš Sabol;
20. Ľubica Štiblarová: Business Cycles Synchronization in the Monetary Unions. Supervisor: Assoc. Prof. Marianna Siničáková;
21. Tomáš Štofa: Supervisor: Private Equity Investments – Future Scope in Slovak Republic and European Union. Assoc. Prof. Michal Šoltés;
22. Miriama Tarhaničová: Efficient Approaches for Supplier Relation Management in Healthcare. Supervisor: Assoc. Prof. Beata Gavurová;
23. Jana Zausinová: Complexity Economics and Applications in Cognitive Radio. Supervisor: Prof. Vladimír Gazda;



24. Martin Zoričák: Agent Based Model of the Tax Competition. Supervisor: Prof. Vladimír Gazda;
25. Mhmed Omar Mohamad Abdulhafiz: Strategies of Liquid Assets Investment by Non-Profit Organizations. Supervisor: Assoc. Prof. Grzegorz Michalski;
26. Ahmidat Ahmed Khalil Masoud: Efficiency of Investment in Corporate Financial Liquidity. Supervisor: Assoc. Prof. Grzegorz Michalski;
27. Osama H.U.S.in Adali: Mortgage Financing Market in the Comparative Analysis of Slovakia and the United Kingdom. Supervisor: Assoc. Prof. Václav Dufala;
28. Ahmed Emhemed Hithim Boha: Financial Risk Indicators and Overall Financial Risk Management. Supervisor: Assoc. Prof. Jozef Glova;
29. Benedict Ebenezer Alechenu: Inflation Targeting as a Central Bank Monetary Strategy. Supervisor: Assoc. Prof. Marianna Siničáková;
30. Ali Mehemed Swisii: The Impact of Innovation Development on the Income Inequality. Supervisor: Assoc. Prof. Radoslav Delina;
31. Rawan Hassan Alghalmi: Measurement of Efficiency on the Banking Market. Supervisor: Assoc. Prof. Kristína Kočíšová;

10.2 External PhD Students at the Faculty of Economics

1. 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;
2. Tatiana Baníková: Happiness, Economic Development and Innovations. Supervisor: Assoc. Prof. Radoslav Delina;
3. Raphaela Balzer: Evaluation of the Financial Risk within Alternative Financial Depth Market. Supervisor: Prof. Dr. Martin Užík;
4. Guenter Blending: Best-in-class Corporate Governance Model in Light of Financial Management Decisions and Financial Firm Performance. Supervisor: Assoc. Prof. Grzegorz Michalski;
5. Marek Blizco: Brain Drain and Drain Return: Global Processes and Local Strategies. Supervisor: Prof. Oto Hudec;
6. Peter Breyll: Complex Economic and Process evaluation of eHealth and Design of Measuring its Effectiveness. Supervisor: Assoc. Prof. Beáta Gavurová;
7. Radomír Císař: Electronic Trading of Securities - Application of Technical Analysis. Supervisor: Assoc. Prof. Michal Šoltés;
8. Michaela Durillová: Factors Determining Pensions in Slovakia. Supervisor: Assoc. Prof. Michal Šoltés;
9. Peter Dosedla: Effects of Labour Migration on Economic Development. Supervisor: Assoc. Prof. Silvia Ručinská;
10. Michal Gimerský: Requirements for Investment Consulting in the Digital Age. Supervisor: Prof. Dr. Martin Užík;
11. Christian Hoffmeister: Stock Price Liquidity and the Influence on Market and Trading Strategies. Supervisor: Prof. Dr. Martin Užík;
12. Marek Horváth: Impact Assessment of Regional and Local Development. Supervisor: Assoc. Prof. Peter Džupka;
13. Frank Stefan Jorga: The Economic Importance of the Person Identification process in the Internet as a Part of Digital Business Models. Supervisor: Prof. Dr. Martin Užík;
14. Tim Langenstein: The impact of the Company IT-Structure to Optimizing the Probability of Success for the Start-up. Supervisor: Prof. Dr. Martin Užík;
15. Marek Lavčák: Institutional Factors of the Formation and Survival of Start-ups and Spin-offs. Supervisor: Prof. Oto Hudec;
16. Viktória Lukáčová: Economic Quantification of Marketing Processes in Healthcare Facilities Focused on Increasing Value for Patients. Supervisor: Prof. Vincent Šoltés;

17. Dávid Melas: Health Technology Assessment Economic Potential and Investigation the Effectiveness of Selected Treatment Processes. Supervisor: Assoc. Prof. Beata Gavurová;
18. Peter Niroda: Effectiveness of Public Procurement Processes in Slovakia. Supervisor: Assoc. Prof. Beáta Gavurová;
19. Stefan Stojanović: Financial Risk management in Western Balkan Countries and their Integration in the EU. Supervisor: Prof. Srdjan Redzepagić;
20. Shakhizada Suleimenova: The Economic Impact of ICT Investment in Kazakhstan and Surrounding Countries: Measurement, Evidence and Implications. Supervisor: Assoc. Prof. Jozef Glova;
21. Yulia Shevchuk: Energy Efficiency, Renewable Energy and Investments in Ukraine. Supervisor: Assoc. Prof. Rajmund Mirdala
22. Martina Žudelová: Localisation Decisions from the Viewpoint of Behavioural Economics. Supervisor: Assoc. Prof. Tomáš Želinský;

10.3 PhD Degrees Awarded in 2017

The following internal PhD students of the Faculty defended their PhD theses and were awarded PhD degree in 2017:

1. Adriana Dúčová: Multidimensional assessment of financial performance of hospitals by experimental application of Balanced Scorecard.
2. Lucia Fabianová: Flexibility quantification in strategy decision making and investment projects evaluation.
3. Lukáš Pinka: Construction of Health Metrics and Health Care for the Evaluation of Financial Performance in the Health System
4. Anna Ruščáková: Controversial Issues in Monetary Policy
5. Jozefína Semančíková: Cointegration of Exports and Imports and Macroeconomic Performance.
6. Nikola Šimková: Perspectives and Influence of Global E-markets on the Development and Status of SME.
7. Monika Šiserová: Resilience and vulnerability of regions.
8. Peter Tóth: Frequency spectrum forwards and the trading system within the Cognitive Radio.

The following External PhD student was awarded PhD degree in 2017:

1. Alghwezi Abdulah Rhoumah: Comparing Real Estate in European Banking System and Eastern System Banking.

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 2017, six renowned speakers presented their research at the KEF:

- February 2017 - Ján Fidrmuc (Brunel University, UK) - Measuring Wellbeing: Individual Based Approach
- March 2017 - Elena Kohútiková (VÚB) - Negative Interest Rates and their Effects on Slovak Economy and Banks
- April 2017 - Peter Krištofik (University of Matej Bell, B.Bystrica) - Opportunities and Threats in Financial Economics
- May 2017 - Ľudovít Ódor (Council for Budgetary Responsibility) - Rethinking Fiscal Policy after the Crisis
- October 2017 - Brigita Schmögnerová - From Gold Standard through Local Currencies to Monetary Reform
- November 2017 - Ivan Mikloš - Europe and the World at Crossroads: Possible Scenarios and their Effects on the Slovak Republic



Fig. 8: November 2017: Ivan Mikloš, respectable former Minister of Finance, top business reformer according to the World Bank, topic: "Europe and the World at Crossroads"

Eurofondue!

The competition is running under the auspices of member of European parliament Vladimír Maňka since 2013. The students of high schools have to elaborate project related to the development of their locality of the community. The best project is winning the trip to European Parliament.

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

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

Ludmila Bartóková, PhD, Assistant Professor

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

Her research interests are in the area of monetary policy, balance of payments and external balance. 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: Microéconomie, Macroéconomie monétaire et financière, Macroéconomie ouverte, Microeconomics, Macroeconomics, Economic Policy, Monetary Macro-analysis, Monetary Policy.

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, 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 are Finance and Currency, Business Economics, and Family Finance. He has experience in several scientific as well as educational projects.

E-mail: Jan.Buleca@tuke.sk

Peter Burger, PhD, Assistant Professor:

PhD: Technical University of Kosice, Faculty of Economics, 2011.

The areas of his research interest include innovation, clusters, innovation and cluster policy, entrepreneurship and innovation, SME analysis, foreign direct investments, knowledge and technology, regional policy, regional development. He participated in several national and international projects both as project team member and project manager. List of courses taught: Innovation Policy, Regional Economics and Politics, EU Regional Policy, 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 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 financial expert for Slovak Republic in Horizon2020. Representative of Slovak Republic in the European RTD Evaluation Network (Ares(2013)437085-MS) under DG Research and Innovation of European Commission.

Representative of Slovak Republic in H2020 MGA Working Group under DG Research and Innovation of EC. 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, data mining 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. Courses taught: Financial Decision-making, Technical Analysis, Electronic commerce

E-mail: Radovan.Drab@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 utilisation 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 and Analyse macroéconomique approfondie. She also teaches economic subjects in French language within 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

Beáta Gavurová, PhD, MBA, Associate Professor,

She graduated at the University of Economics in Bratislava. Currently she works as assoc. professor at the Faculty of Economics, Technical University of Kosice. In her research work she has focused primarily on health policy, efficiency measurement and digitalization of health care processes, health demographic analyzes, concepts of regional disparities elimination in the area of health in SR, availability of health care in Slovak regions, long-term health care in SR, optimization health care networks in SR (specialization of clinics, one-day surgery), development of strategic framework concepts in the health system, including also the marginalized and segregated communities, etc. In recent years, she has been working on complex multidimensional health and epidemiological analyzes in the framework of contractual cooperation with the Ministry of Health, the Institute of Health Policy and the National Health Information Center. She teaches and guarantees the subject of Risk and Uncertainty in Finance, Volunteerism, Measurement and Management of Performance in Organizations, Economics and Management of Health Care System.

E-mail: Beata.Gavurova@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: Game theory, Graph theory, Agent-based modelling, Econometrics. List of subjects taught: Game theory, Accounting.

E-mail: Marek.Grof@tuke.sk

Monika Harčariková, 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: Accounting I, Financial markets, Financial derivatives.

E-mail: Monika.Harcarikova@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.Stasova@tuke.sk

Oto Hudec, PhD, Professor

He has broad experience of research in the area of regional science and location theory. His research focus includes also, creative industries, innovation systems and regional knowledge bases, forecasting, foresighting and strategic planning. List of courses taught: Regional Economics and Policy, Probability and Statistics, Statistical Methods in Public Administration, Statistical Methods in Finance.

E-mail: Oto.Hudec@tuke.sk

František Janke, PhD, Assistant Professor

In his recent research activities, he has focused on procurement (e-procurement, public procurement of innovations, pre-commercial procurement), electronic business platforms and socio-economic aspects of trust. He participated in several international projects and studies (FP7 eBEST, CEE OP KASSETTS and CENTRALAB, 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, 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 her research work focuses on issues of banking, diagnostics competition, efficiency of banking sector, but also the efficiency of banks or bank branches in the national economy. The issue of effectiveness as a tool for increasing competitiveness has begun her third college degree. 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 regional economics has led her to participation in a number of national and international research projects. Thereupon she has authored or co-authored over 100 publications. In the course of the work at Technical University of Košice she has taught the following courses: Regional Economics, 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, Researcher

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 projects.

E-mail: Viliam.Kovach@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.Kostelnik@tuke.sk

Matúš Kubák, PhD, Assistant Professor

His research is focused on experimental economics. He is also concerned in quantitative methods application in economics. He is a research fellow in several scientific teams and the principal investigator in VEGA 1/0726/14 -Experimental research on proneness of economic agents toward corruption. Courses taught: Enterprise and Entrepreneurship.

E-mail: Matus.Kubak@tuke.sk

Peter Kuzmišin, DrSc, Associate Professor

His research interests are in the area of theory and practice of economics. He is also interested in competitiveness and quality of business environment in the regional, national and international context. He studies these research areas with respect to the development of economic theories and generalization of trends in the world economy, particularly in the European Union. Courses taught: World Economy, National Economy, History of Economic Thinking.

E-mail: Peter.Kuzmisin@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 Malatínek, 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, Assistant Professor

Her research interest is public finance especially fiscal decentralisation. She participates in several projects. Courses taught: Public Finance, Financing Territorial Self-government Units, Public Choice.

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): Monetary Macro-analysis, History of Money, Economic Policy, Microeconomic, and Macroeconomics.

E-mail: Rajmund.Mirdala@tuke.sk

Alena Mojsejová, PhD, Assistant Professor

She has finished his 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. She participates in several national and international research projects.

E-mail: Alena.Mojsejova@tuke.sk

Ol'ga Nosáľová, PhD, Assistant Professor

Her research interests are in the area of economy structure and integration processes. Courses taught: Macroeconomics, Economic Policy, World Economy, European Integration, and Master Degree Internship. At present she participates in several national research projects.

E-mail: Olga.Nosalova@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, World Economy, Crisis Management, Political Science, Sociology, Business Ethics, System of Social Work.

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, information systems design. She is also interested in: invariant image recognition, invariant feature extraction and signal processing using transforms.

E-mail: Dana.Palova@tuke.sk

**Ludmila 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

Daniela Petriková, PhD, Assistant Professor

Her research interests are in the area of educational methods, regional development and consumer behaviour. She is also interested in socio-economic analysis, income policy and social policy. Courses taught: Macroeconomics, Economic Policy. At present she participates in several national research projects. She runs the students competition of ŠVOČ as coordinator. E-mail: Daniela.Petrikova@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, Researcher, PhD,

His primary interests are supply chains, procurement of innovations, pre-commercial procurement, analytical and decision support tools, data mining and business process optimization. He has applied his skills in several international projects - eBEST – FP7; LeNS – EuropeAid, funded by European Commission; CentraLab proj. /incl. Financial management/ and IDEA proj., both implemented through programme; Web2rism proj. founded by The Commission for Technology and Innovation CTI in . He took part also in several national research projects VEGA. He participated in international studies as interviewer or national correspondent (EU eAccessibility Study, eSkills Study). 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: Economics, 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

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, 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

**Miriám Šebová, PhD, Associate Professor**

Her research interests include regional economics and policy, the public administration and cultural economics. She is also interested in economic impact studies, knowledge based economy and culture led development of cities. She is participating in several research projects. Courses taught: Theory of Public Administration, Sustainable Development, Workshop in Regional Economics, Bachelor seminar, Public Economics, Management of Public Administration, The introduction in Academic Debate.

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

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: Informatics I, Informatics II, Mathematics I, Mathematics II.

E-mail: Peter.Sugerek@tuke.sk

Veronika Šulíková, 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: International Finance, Economic Policy, External and Internal Imbalances (in French), Business Finance, Public Finance.

E-mail: Veronika.Sulikova@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, Researcher

His field of research includes agent-based modelling, econometrics, quantitative methods, telecommunication systems and health care. He defended his PhD. thesis about new approaches in frequency spectrum markets in 2017. He has participated in several national projects.

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: Environment Finance, Auditing and Fiscal Consulting, International Accounting Standards, Accounting of Public Sector. He also teaches subjects in English within the Erasmus programme.

E-mail: Radoslav.Tusan@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

Viliam Vajda, PhD, Assistant Professor

His research interests include business performance measuring, esp. in the field of e-commerce, e-business and e-commerce management. In the field of performance measuring of e-procurement projects he also finished his PhD thesis. His other interests are financial and investment analysis, trading and business model development. At present he is participating in several international and national research and educational projects, especially in the e-commerce and trading field (FP6, FP7, APVV, VEGA, KEGA, Leonardo da Vinci). He also participated in several European initiatives as eBusiness w@tch, eWork, ConsTrust, eSkills.

Courses taught: Technical Analysis, Forex, eBusiness.

E-mail: Viliam.Vajda@tuke.sk

Tatiana Vagašová, PhD, Researcher

Her field of research includes measurement of the effectiveness of health care system in Slovakia, analysing the access and quality of medical care in the context of health demography.

E-mail: Tatiana.Vagasova@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). List of courses taught: Informatics I, Informatics II, Electronic Services in Banking, Economic Information Systems.

E-mail: Martin.Vejacka@tuke.sk

Tomáš Želinský, PhD, Associate Professor

Tomáš Želinský teaches Demography, Spatial Economics and Econometrics.

is an Associate Professor at the Faculty of Economics, Technical University of Kosice, and has been a member of the faculty since 2009 when he completed his PhD in Finance. His principal teaching responsibilities in the undergraduate programs are in the area of social statistics, econometrics and spatial economics.

His research interests lie in the area of poverty measurement, behavioural economics (with the focus on economic behaviour of the poor) and application of statistical methods in economics. He has been a principal investigator on three 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: 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



Fig. 9: Matriculation Ball 2017 and the 25th anniversary of the Faculty

13 Selected Publications Published In 2017

13.1 Books and Chapters in Books

ACB001 [181313] **Risk and uncertainty in finance** Workbook/ Beáta Gavurová, Martin Dujčák - 1. vyd - Košice : TU - 2017. - 157 s.. - ISBN 978-80-553-2216-2.

[GAVUROVÁ, Beáta - DUJČÁK, Martin]

ACB003 [184264] **Verejná voľba** / Lenka Maličková - 1. vyd. - Košice : TU - 2017. - 128 s.[CD-ROM]. - ISBN 978-80-553-2822-5.

[MALIČKÁ, Lenka]

ACB004 [184265] **Vybrané aspekty financií územných samospráv** / Lenka Maličková - 2. aktual. vyd. - Košice : TU - 2017. - 114 s. [CD-ROM]. - ISBN 978-80-553-2821-8.

[MALIČKÁ, Lenka]

ACB005 [186223] **Matematika 1** / Vincent Šoltés ... [et al.] - 3. preprac. vyd. - Košice : TU - 2017. -212 s.. - ISBN 978-80-8086-264-0.

[ŠOLTÉS, Vincent - HUDEC, Oto - PENJAK, Vladimír - RÉVÉSZOVÁ, Libuša - HUDÁKOVÁ, Dáša - CZAP, Július]

ABC001 [181319] **Sufficiency of financial literacy: A case study of University students in Slovakia** / Beáta Gavurová, Eva Huculová, Matúš Kubák - 2017.In: Contemporary issues of societal development. - Novo mesto : Faculty of Organization Studies, 2017 P. 48-70. -ISBN 978-961-6974-13-4

[GAVUROVÁ, Beáta - HUCULOVÁ, Eva - KUBÁK, Matúš]

ABC002 [182256] **An economic valuation of the Kulturpark. A Case study of the Cultural Infrastructure reconstructed as part of Košice European Capital of Culture 2013** / Peter Džupka, Marek Gróf, Miriam Šebová - 2017.In: The power of heritage: Socio-Economic Examples from Central Europe. - Krakow : International Cultural Centre, 2017 P. 250-271. - ISBN 978-83-63463-66-3

[DŽUPKA, Peter - GRÓF, Marek - ŠEBOVÁ, Miriam]

ABC003 [182406] **Medical equipment and economic determinants of its structure and regulation in the Slovak Republic** / Beáta Gavurová, Viliam Kováč, Michal Šoltés - 2017.In: Chapter Download : InfoSci®-OnDemand : Encyclopedia of Information Science and Technology : Fourth Edition. - Pennsylvania : IGI Global, 2017 P. 5841-5852, [1,05 AH]. - ISBN 978-1-5225-2255-3

[GAVUROVÁ, Beáta - KOVÁČ, Viliam - ŠOLTÉS, Michal]

ABC004 [182410] **Current Accounts and Competitiveness Issues in the North and South of the Euro Area** / Rajmund Mirdala, Júlia Ďurčová - 2017.In: Economic Imbalances and Institutional Changes to the Euro and the European Union : Book Series: International Finance Review Volume 18, ISSN 1569-3767. - Bingley : Emerald Publishing Limited, 2017 P. 243-276. - ISBN 978-1-78714-510-8

[MIRDALA, Rajmund - ĎURČOVÁ, Júlia]

ABC005 [183690] **Assessment of avoidable mortality concepts in the European Union countries, their benefits and limitations** Chapter 5/ Beata Gavurova, Tatiana Vagasova - 2017.In: Advances in Health Management. - S.l. : InTech, 2017 P. 71-91. - ISBN 978-953-51-3437

[GAVUROVÁ, Beáta - VAGAŠOVÁ, Tatiana]



ABC006 [183963] **The impact of research investments and other indicators on the regional economic development** / Petra Szlafkaiová, Erika Liptáková - 2017.In: Contemporary issues of societal development. - Novo Mesto : Faculty of Organization Studies, 2017 P. 82-101. - ISBN 978-961-6974-13-4

[SZLAFKAIOVÁ, Petra - LIPTÁKOVÁ, Erika]

ABC007 [189129] **Inflation expectations and long-term interest rates** Chapter 6/ Rajmund Mirdala - 2017.In: Imperative of Economic Growth in the Eurozone: Competitiveness, Capital Flows and Structural Reforms. - Wilmington : Vernon Press, 2017 P. 117-142. - ISBN 978-1-62273-263-0

[MIRDALA, Rajmund]

13.2 Journal publications, Current Content

ADC001 [177744] **Security of Smart Banking Applications in Slovakia** / Jozef Bucko - 2017.In: Journal of Theoretical and Applied Electronic Commerce Research. Vol. 12, no. 1 (2017), p.42-52. - ISSN 0718-1876
Spôsob prístupu: <http://www.jtaer.com/portada.php?agno=2017&numero=1#>.

[BUCKO, Jozef]

ADC002 [178440] **Tax optimization in an agent-based model of real-time spectrum secondary market** / Juraj Gazda ... [et al.] - 2017.In: Telecommunication Systems. Vol. 64, no. 3 (2017), p. 543-558. - ISSN 1018-4864

[GAZDA, Juraj - KOVÁČ, Viliam - TÓTH, Peter - DROTÁR, Peter - GAZDA, Vladimír]

ADC003 [180191] **Culture of quality: insight into foreign organisations in Slovakia** / Kristína Zgodavová, Oto Hudec, Pavol Palfy - 2017.In: Total Quality Management and Business Excellence. DOI: 10.1080/14783363.2017.1309120 (2017), p. 1-22. - ISSN 1478-3363

[ZGODAVOVÁ, Kristína - HUDEC, Oto - PALFY, Pavol]

ADC004 [180663] **Vplyv aglomeračných úspor na rast zamestnanosti v kreatívnych odvetviach na Slovensku** / Slávka Klasová, Iveta Korobaničová, Peter Burger - 2017.In: Politická ekonomie. Vol. 65, no. 2 (2017), p. 217-233. - ISSN 0032-3233

[KLASOVÁ, Slávka - KOROBANIČOVÁ, Iveta - BURGER, Peter]

ADC005 [181620] **WORM colorings of planar graphs** / Július Czap, Stanislav Jendroľ, Juraj Valiska - 2017.In: Discussiones Mathematicae Graph Theory. Vol. 37, no. 2 (2017), p. 353-368. - ISSN 234-3099
Spôsob prístupu: <http://www.discuss.wmie.uz.zgora.pl/gt/>.

[CZAP, Július - JENDROĽ, Stanislav - VALISKA, Juraj]

ADC006 [181978] **Determinanty zadĺženosti miestnych samospráv Slovenskej republiky** / Lenka Maličká - 2017.In: Politická ekonomie. Vol. 65, no. 3 (2017), p. 301-315. - ISSN 0032-3233

[MALIČKÁ, Lenka]

ADC007 [182140] **Dynamic spectrum leasing and retail pricing using n experimental economy** / Juraj Gazda ... [et al.] - 2017.In: Computer Networks. Vol. 121 (2017), p. 173-184. - ISSN 1389-1286
Spôsob prístupu: <http://www.sciencedirect.com/science/article/pii/S1389128617301718>.

[GAZDA, Juraj - BUGÁR, Gabriel - VOLOŠIN, Marcel - DROTÁR, Peter - HORVÁTH, Denis - GAZDA, Vladimír]

ADC008 [183019] **Facial anagram-free edge-coloring of plane graphs** / Július Czap, Stanislav Jendroľ, Roman Soták - 2017.In: Discrete Applied Mathematics. Vol. 230 (2017), p. 151-155. -ISSN 0166-218X
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[RAISOVÁ, Manuela]

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/>

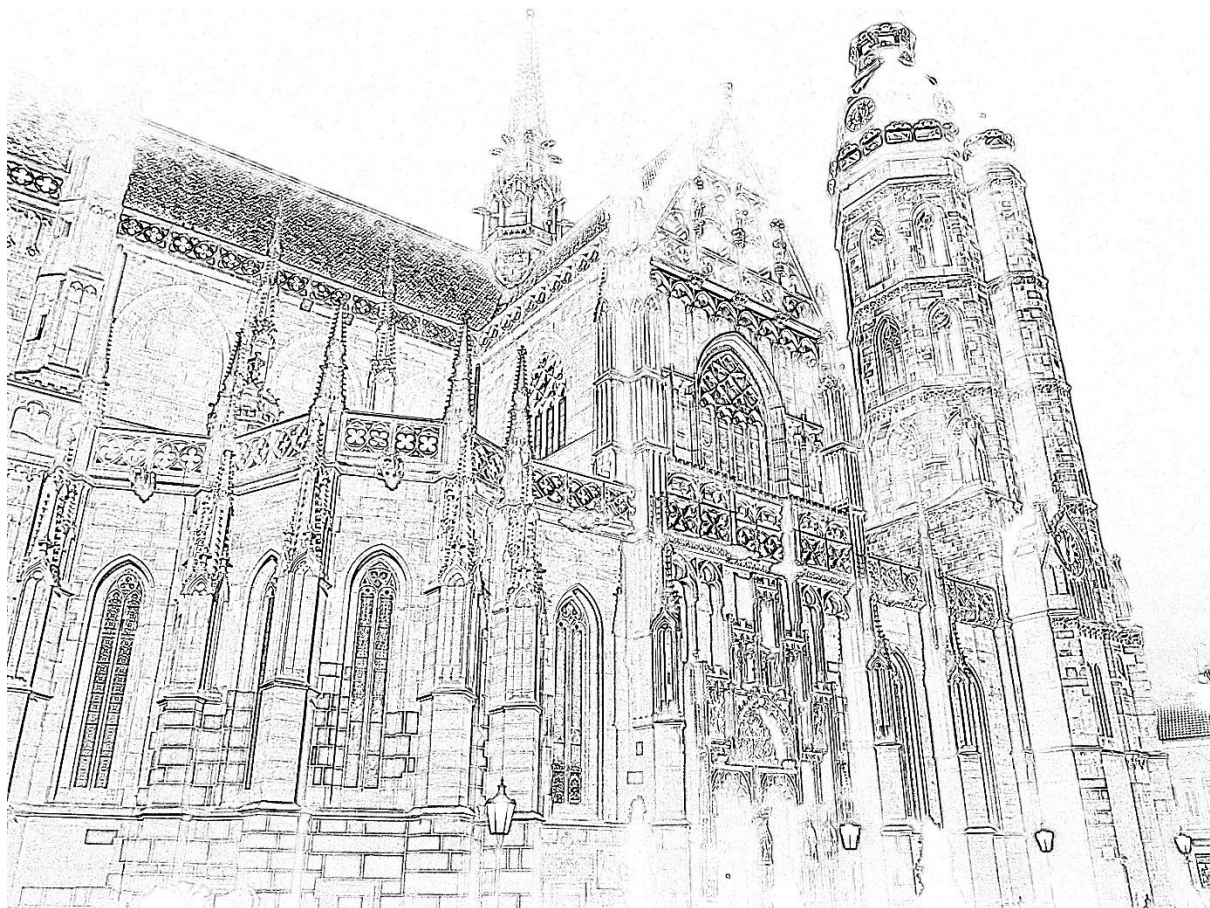
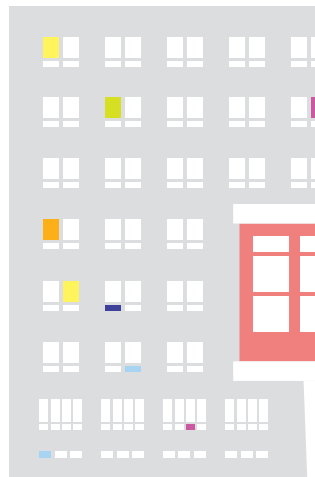


Fig. 10: St. Elisabeth Cathedral in Košice



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