

# **Questionnaire**

## **Summary of the main activities of a research institute of the Slovak Academy of Sciences**

*Period: January 1, 2016 - December 31, 2021*

### **1. Basic information on the institute:**

#### **1.1. Legal name and address**

Centre of Social and Psychological Sciences Slovak Academy of Sciences  
Šancová 56  
811 05 Bratislava  
Slovak Republic

#### **1.2. URL of the institute web site**

[www.cspv.sav.sk](http://www.cspv.sav.sk)  
[www.prog.sav.sk](http://www.prog.sav.sk)  
[www.psychologia.sav.sk](http://www.psychologia.sav.sk)  
[www.svusav.sk](http://www.svusav.sk)

#### **1.3. Executive body of the institute and its composition**

<b>Directoriat</b>	<b>Name</b>	<b>Age</b>	<b>Years in the position, from - to</b>
<b>Director</b>	Mgr. Denisa Fedáková, PhD.	46	2017 - present
<b>Deputy director</b>	Mgr. Richard Filčák, PhD. MSc.	51	2017 - present
<b>Scientific secretary</b>	Ing. Richard Heriban, PhD.	48	2015 - present

#### **Heads of the organizational units:**

Institute for Forecasting – Mgr. Richard Filčák, PhD., MSc.

Institute of Experimental Psychology – prof. Mgr. Peter Halama, PhD.

Institute of Social Sciences – Ing. Anna Kalistová

**Add more rows for any changes during the evaluation period**

N/A

#### **1.4. Head of the Scientific Board - prof. PhDr. Viera Bačová, DrSc.**

##### **1.4.1 Composition of the International Advisory Board**

- [Doris Hanzl-Weiss](#), The Vienna Institute for International Economic Studies, Austria
- [Slávka Otčenášová](#), Seconded National Expert at the European Research Council Executive Agency, Brussels, Belgium
- [Peter Gröpel](#), Universität Wien, Department of Sport Sciences, Austria

## 1.5. Basic information on the research personnel

### 1.5.1. Fulltime equivalent work capacity of all employees (FTE all), FTE of employees with university degrees engaged in research projects (FTE researchers)

2016		2017		2018		2019		2020		2021		2016-2021	
FTE all	FTE researchers	FTE all	FTE researchers	FTE all	FTE researchers	FTE all	FTE researchers	FTE all	FTE researchers	FTE all	FTE researchers	average FTE all per year	average FTE researchers per year
59,64	47,90	57,61	47,14	58,08	46,42	59,50	46,98	58,26	48,13	59,47	52,19	58,76	48,13

### 1.5.2. If applicable, add also a short information on the merger of the institute in the evaluation period. You can also add rows in the above table corresponding to the founding institutes

## 1.6. Basic information on the funding of the institute

### 1.6.1. Institutional salary budget, other salary budget<sup>1</sup>, non-salary budget<sup>2</sup>

Salary budget	2016	2017	2018	2019	2020	2021	average
<b>Institutional salary budget</b> <i>[millions of EUR]</i>	0,862	0,940	1,100	1,275	1,332	1,325	<b>1,139</b>
<b>Other salary budget</b> <i>[millions of EUR]</i>	0,117	0,146	0,104	0,053	0,252	0,299	<b>0,162</b>
<b>Total salary budget</b> <i>[millions of EUR]</i>	0,979	1,086	1,204	1,328	1,584	1,624	<b>1,301</b>
<b>Non-salary budget</b> <i>[millions of EUR]</i>	0,456	0,502	0,544	0,554	0,580	0,463	<b>0,516</b>

## 1.7. Mission Statement of the Institute as presented in the Foundation Charter indicating the years when it was adopted and revised

Mission Statement of the Centre of Social and Psychological Sciences Slovak Academy of Sciences ("CSPS" or "Centre") from the Foundation Charter; adopted in 2015, revised in 2018 and 2021:

The CSPS was established on 1.10.2015 by a merger of three research facilities: Institute of Social Sciences, Institute for Forecasting and Institute of Experimental Psychology. The main mission of the CSPS is to perform research activities, and to collect, process and disseminate scientific information. The CSPS is focused on interdisciplinary basic and applied research in the following areas:

1. History, sociology, economics, demography and demo-geography, socio-cultural and socio-political aspects, and its relations to the development of Slovakia in a central European context;

<sup>1</sup> Salary budget originating outside the regular budgetary resources of the organization, e.g. from the project funding.

<sup>2</sup> Includes Goods and Services and PhD fellowships

2. Slovak history of the 20th century, mostly the development of ethnic minorities in Slovakia and in near border regions of our neighboring countries in the context of European history;
3. Social psychology, organizational psychology, cognitive psychology, neuropsychology and school psychology;
4. Psychological processes of personality with the goal of understanding psychological aspects of optimal human functioning in various life situations: work, problem-solving, stressful situations, decision making, educations, micro - and macro – social interactions;
5. Theoretical, methodological, and conceptual problems of forecasting of Slovak society development in a national and global context;
6. Socio-economic dimension of global and environmental changes, environmental management and space planning;
7. Co-evolution of institutional and technological change.

The CSPS develops analysis and concepts of policies in the field of economic, social, technological, and environmental developments for the purposes of state agencies, local authorities, and important national and international organizations. The CSPS provides consultancy and expert services for state institutions, national and international cultural bodies, and other institutions and organizations. It cooperates with universities in the provision of graduate education in internal and external forms that result in granting tertiary university education pertaining to PhD degrees. The CSPS carries out publication of the results of research and scientific activities by the means of periodical and non-periodical print.

#### **Last revision of Mission Statement (2021):**

(1) The predominant main activity of the organization is the implementation of research in the fields of science: Psychological sciences, Social sciences, Economic sciences and business, Historical sciences and archeology, Social and Economic Geography.

(2) The other main activities of the organization are: (a) the provision and management of the research and development infrastructure to which the organization has ownership, (b) the acquisition, processing and dissemination of information in the field of science and technology, in particular knowledge from our own research and development, in the fields referred to in paragraph 1; publishing of the following journals: *Studia Psychologica*; *Individual and Society*; *Foresight, Analysis and Recommendations (Prognostické práce)*; and co-publishing of the journal, *Journal of Economics (Ekonomický časopis)* in cooperation with the Institute of Economic Research, c) participation in cooperation with universities in the implementation of third-degree study programs in the study fields of Economics and Management, Historical Sciences, Political Science and Psychology.

The activities of the organization are:

- (i) conducting research,
- (ii) provision and management of research and development infrastructure,
- (iii) obtaining, processing, and disseminating information in the field of science and technology and knowledge from its own research and development; and
- (iv) cooperation in the field of science and technology with universities, other legal entities carrying out research and development and with entrepreneurs.

**1.8. Summary of R&D activity pursued by the institute during the evaluation period in both national and international contexts. Describe the scientific importance and societal impact of each important result/discovery. Explain on general level – the information should be understandable for a non-specialist (recommended 5 pages, max. 10 pages for larger institutes with more than 50 FTE researchers as per Table 1.5.1.)**

*NOTE: When filling in the accreditation questionnaire we strongly followed the recommendations for the max. number of pages/examples, pieces of research. However, with the average number of 48 FTE and with presenting the results of three institutes it was not always applicable. Thank you for understanding.*

Since the last Accreditation in 2016, the Centre of Social and Psychological Sciences has further developed its potential for scientific growth and research development. The foundation of the CSPS in 2015 responded to a global trend towards interdisciplinary research, by establishing an institution with a critical mass of senior as well as junior scholars with diverse but related research interests. Currently the Centre represents a unique community of researchers in Psychology, Economics and History with interdisciplinary overlaps with Sociology, Environmental and Political Sciences. The multi- and interdisciplinarity of the Centre makes it a strong research institution and flexible partner for scientific projects at both national and international levels.

We would like to highlight several areas of national or international scientific importance with societal impact that have been systematically researched at the Centre between 2016 - 2021.

The research focus has shifted from decision-making to **reasoning and rationality, with two broad approaches toward rationality – instrumental and epistemic**. Instrumental rationality refers to the effectiveness of people's reasoning processes and how well they can apply intuitive and analytical processes to the reasoning tasks at hand, while epistemic rationality refers to how accurately people's beliefs reflect the world and available knowledge around them. The key questions researched were why people exhibit various cognitive failures, namely, why they often cannot choose the best alternative and rather endorse beliefs that are harmful in the long-term perspective, and how to help them to make better decisions. The scientific importance of our results lies in identifying some of the cognitive factors that are more associated with rational choices, such as mindware instantiation (Burič & Šrol, 2020; Šrol & De Neys, 2020; Burič & Konrádová, 2021), and with scientific reasoning (Čavojová, Šrol & Jurkovič, 2020; Šrol, 2022). Our study about scientific reasoning was the first to establish its role as a protective mindware against epistemically suspect beliefs in the international scientific context. Importantly, our results enabled us to start collaboration with other research institutes and NGOs on developing tools and educational interventions to enhance scientific reasoning of students and the general public.

One of the key examples of the theoretical and societal impact of our results is research on **vaccination hesitancy**, which gained large public and scientific attention during the COVID-19 pandemic. Vaccination hesitancy is closely connected to epistemically suspect beliefs (such as conspiracy theories, pseudo-scientific and paranormal beliefs) (Šrol, Čavojová, & Ballová Mikušková, 2021). Such a lack of scientific understanding further undermines people's willingness to vaccinate themselves and/or their children. The results of our research helped to identify the predictors of conspiracy theories about COVID-19 and the unwillingness to comply with the preventive regulations during the pandemic.

The knowledge and experiences in the field of decision-making addressed in previous periods have been utilised in a new research stream focusing on **psychological aspects of decision-making about personal and business finances**. For instance, we found that Slovak women report a lower entrepreneurial intention than men not because of their gender (as previous studies suggested), but because they imagine a successful entrepreneur as masculine and believe they do not have the masculine abilities required for such a profession (Adamus, Čavojová & Šrol, 2021). Another study contributed to the recent debate about inconsistent findings on how entrepreneurs' start-up

and managerial experience affect their ability to design a good business plan (Hanák & Grežo, 2020). We found that start-up experience had a positive effect on quality, but managerial experience had not. This research focus also flexibly responded to **questions linked to COVID-19 pandemic**. A study by Adamus and Grežo (2021) found that individuals with low psychological resources perceived greater **financial threat** which, in turn, was associated with their higher willingness to cut their expenses, increase their incomes, and decrease their debts. The study also showed that, compared to long-term financial stressors, acute changes in one's financial situation caused by the COVID-19 pandemic had a greater potential to induce financial threat and, thus, were more responsible for the changes in one's financial behaviour. Further, research focusing on **medical professionals in emergency services** gained increasing importance in the context of COVID-19 pandemic. The key focus was on key non-technical skills (social and cognitive) which were evaluated based on opinions and experiences of medical professionals and clients of the emergency medical service (EMS), as well as on the analysis of the performance of medical professionals in realistically simulated situations of emergency medical interventions. We found evidence that such skills are important for the quality of the work of the emergency medical service. The results of this project significantly deepen the current scientific knowledge about the importance of adequate situational awareness, naturalistic decision-making, teamwork and team leadership in the context of urgent pre-hospital health care. The results emphasized the importance of self-emotion control as an important part of stress and fatigue, as well as the ability to communicate effectively with the patient, their relatives or accidental witnesses of emergency medical intervention in situations that directly threaten the life or health of patients.

Another stream of research relates to the issue of **adaptation to retirement**. Our research focused on adjustment to retirement transition from the point of view of recently retired Slovak individuals and analyzed factors that help or block this process. Our results pointed to the importance of creating a new lifestyle with a new daily routine in order to avoid a lack of a framework. Retirees can benefit from retirement planning and maintaining an active lifestyle, which is in line with the concept of active aging, to date, not adopted at policy or practical levels in Slovakia. These results provide a basis for interventions aimed at increasing support for health-related behaviours, as well as increasing psychological and social preparation for retirement. (Záhorcová, Halama et al., 2021; Halama, Záhorcová et al., 2021, Bačová, Halama, 2021). We developed an intervention programme based on providing information on retirement planning for people of pre-retirement age. Our results regarding the effect of the intervention program may indicate that the provision of information alone may not be enough to initiate the preparation effort. The results of this research had a strong societal impact, especially through influencing social discourse on retirement.

One of the flagships of the CSPS, the **European Social Survey ERIC - Slovak site**, which has been coordinated in Slovakia by the CSPS team since 2004, progressed in the evaluated period. The team has successfully prepared and coordinated the fieldwork and delivered representative data from Slovakia for the ESS Round 9 and Round 10. In 2018 the Slovak team reached a full-member-status within RI ESS ERIC. The data collected in Slovakia during the 9th ESS Round facilitated an inquiry of domestic opinions and its comparison with other EU countries, including issues such as the perception of justice, quality of life, political participation, family norms, attitudes to migration, or the internet usage. The outputs of the inquiry were published by the national team CSPS in Slovakia (Fedáková, Kentoš & at al., 2020), and abroad. They were also presented at international conferences and in a series of presentations for the broad public. The ESS national team attempts to popularize the data and its significance among scholars, politicians as well as the public. Two ESS special issues of the journal *Individual and Society* were published in 2019 and 2021 with contributions from Slovenia, Hungary, Estonia, Czechia and Slovakia. Moreover, the team was selected within a competition to perform the ESS Pilot survey for Round 9 in Slovakia and to test experimental tablets designed for respondents with no digital skills (ESS Electronic Questionnaire Device). One of the strongest societal impacts of the ESS Slovak team is its contribution with the national datasets that are freely available for academics and other stakeholders to enhance good quality research, policy reports and media news.

Further, **ethnic, minority, regional and border studies** remain the core focus of the historical research in the bordering region of east Slovakia. From the perspective of microhistory and cultural history, respective historians inquired (chronologically) about the following themes: situational ethnicity in the ethnically heterogeneous urban milieu of the city of Košice (Ficeri, 2018, 2020); adaptation strategies of public employees in the transition period of 1918 – 1920 (Szeghy-Gayer, 2021); the outbreak of the Spanish flu in 1918 – 1919 (Szeghy-Gayer, 2021); persecution of Jews in Košice and nationalisation of their properties (Szeghy-Gayer, 2020, 2021); the population exchange between Czechoslovakia and Hungary in the aftermath of the World War II (Šutaj, 2018; Heldáková, 2019, 2020) the politics of ethnicity of the communist Czechoslovak regime in regard to Ruthenians and Ukrainians (Gajdoš, Konečný, 2017, 2018) ideology and politics of education of ethnic minorities in the period of undemocratic political regimes on the territory of Slovakia, a fascist one in 1939 – 1945 and a communist one in 1945 – 1953 (Gabzdilová, Ďurkovská, 2016; Olejník, 2018; Gabzdilová, 2018), and the usage of the Hungarian language in the Slovakized city of Košice (Sáposová, Jeleňová, 2019). The project “**Tendencies of development of ethnic relations in Slovakia – a comparative research of ethnic issues in the years 2004 – 2020**” solved by our interdisciplinary project team constituted a sequel to a pilot project on the issue, conducted between 2003 – 2005, and analysed the development of national relations between 2004 and 2016. In addition, it carried out interdisciplinary empirical research focused on the main theoretical, methodological and practical issues of ethnicity and national relations.

In accordance with the EU pro-Roma agenda and politics of anti-discrimination, researchers put emphasis on the **research of the Roma minority**, specifically in the city of Košice and its Roma ghetto Luník IX. The research team of the project “Luník IX – the Roma housing estate” contributed largely to clarifying the social reproduction of this Roma ghetto, as well as its well-recognized status of a symbol in anti-gypsyist discourse (Filčák, Ficeri, 2021). In connection with Luník IX studies and their societal impact, another team within the Interreg project [DREAM ROAD](#) developed a “**Learning Lab**” for enhancing digital literacy among the local Roma populace.

In this evaluation period, a long-term relationship of cooperation with Ukrainian partners from Uzhhorod brought the elaboration of an innovative project “**Through innovations to effective cooperation**”. Within this project, the research team published recommendations and suggestions for enhancing effectivity of cross-border cooperation between Slovakia and Ukraine with the aim to reduce existing barriers to cross-border cooperation, including the elaboration of a model projection of its institutionalization along the lines of effective Nordic cooperation. During the implementation of the project a new cooperation with the Barents Secretariat in Kirkenes and the representatives of City Kirkenes and Municipality of Finmark in Norway was established. Thanks to this cooperation, a new project started in 2020 called “[CEEAA - Cities in the Enlarged European Area](#)” which is implemented in cooperation with the cities Uzhhorod, Kharkiv, Košice and the Norwegian Research Centre - NORCE.

A special focus was also placed on the **Slovak minority in Hungary**. Long-term cooperation with the Research Institute of Slovaks in Békes Csaba, Hungary brought fruitful outcomes by means of several projects, focused on the one side on language-communicative behaviour of the Slovak youth in Alföld, Hungary, and on the other on current issues of the Slovak minority education and schooling in Hungary (Ďurkovská, Kentoš, 2021; Ďurkovská, Heldáková, Výrost, 2021). This research responds to the current trends of research in social sciences and humanities by connecting inter-disciplinary methods with the aim to emphasize the importance of Slovak minority education in Hungary, the current state of which is difficult, and the quality of which is dependent on the maintenance of the future generation of minority Slovak identity in Hungary.

In the thematic area **Climate change, energy and environment** we have focused on climate change in its economic-social dimensions, developing forecasts and foresights and development strategies on energy, decarbonisation and the transition to a low-carbon and circular economy. (Baláž, Dokupilová & Filčák, 2021; Filčák 2021a; Filčák 2021b; Baláž et al., 2020; Filčák et al. 2020; Filčák & Jeck, 2020; Dokupilová & Filčák 2019; Slovák, Filčák & Dokupilová, 2019; Filčák, Baláž &

Jeck, 2018; Filčák, 2017; Adamec et al. 2017; Baboš et al. 2016; Dokupilová & Filčák, 2016; Baláž, Nežinský, Jeck & Filčák 2020; Filčák & Lubyová, 2016). We have linked research on poverty and the environment to study aspects of environmental justice as an integral part of addressing the weak progress of Slovakia in terms of inclusion and integration of vulnerable groups, especially marginalised Roma communities (Dokupilová & Filčák, 2021; Filčák & Ficeri 2020; Filčák, Szilvasi & Škobla 2018).

The negative development of global growth **due to the pandemic** and the need to reverse it are currently drawing attention to **measures that would bring a recovery and reduce uncertainty in growth forecasts**. The focus of measures is mainly on stimulating consumption, which can reverse negative growth development. As a result of economic growth caused mainly by consumption in recent decades, environmental costs have risen enormously, whether in the form of resource depletion, environmental pollution or climate change. These are the facts which are not recognised sufficiently. The research in this field focused on capturing the shift away from the dynamics of growth towards a more complex approach integrating the quality of growth, especially in the field of environmental sustainability and climate change. Emission efficiency was further embedded in the broader framework of “beyond GDP” development assessment. The social component of development was simply represented by the indicator of income inequality, which is, however, empirically associated with other indicators of social well-being. An examination of the growth factors of the eco-productivity of European economies has shown an inverted U-shaped dependence of the effect of shifting the technological frontier on the income inequality index. (Fifeková & Nežinský & Nemcová & Studená, 2021).

**The Industry 4.0 and circular economy** have been researched as specific topics which emerged from economic policy prioritization requiring new forecasting and foresight approaches across multiple economic sectors. In the context of the challenges of the 4th Industrial Revolution, attention was focused mainly on the automotive industry, which in several member countries, including Slovakia, is one of the key drivers of their economic growth. Despite the fact that the economic crisis in 2008 revealed the risk of the economy's dependence on one dominant sector, the situation repeated itself after the outbreak of the pandemic in 2020. The COVID-19 pandemic and a related severe lockdown hit the automotive sector of several EU countries, especially CEEC. Although both production and exports rose again in the summer months, due to the threat of subsequent pandemic waves a sustainable recovery is in doubt. For a successful restart of the automotive industry, it will need to adapt its product parameters and marketing strategies to new trends in demand, technology, and business model development (Nemcová & Fifeková, 2020).

Another dominant research focus links forecasting to **demographic changes**. Theoretical and conceptual problems of forecasting focused on integrating and responding to a dramatic change of the demographic development in Slovakia. Our research focused on forecasting models taking into consideration issues of population development at the national and regional level (Bleha et al. 2018; Šprocha et al. 2019), families and households, family and reproductive behaviour and some specifically defined population groups (labour force, urban and rural population, population of the largest cities in Slovakia, people living in Roma communities, e.g., Szabó et al. 2021; Šprocha & Bleha 2018, 2021; Šprocha et al. 2017).

Further, **labour market and human capital** have been intensively researched **as the key factors of social and economic development**. Research on the key trends and current and future developments of the Slovak labour market created strong research evidence on a wide range of issues, including general labour market trends, skills shortages, forecast and forecast methods (Lubyová & Štefánik 2016, 2017, Štefánik & Karasová-(Moravčíková) 2018, Studená 2017, Rublíková & Karasová 2017; Moravčíková & Baláž, 2020 etc.). Research in the area of labour market and skills also included development of different quantitative assessments methods for evaluation of the effectiveness of active labour market policies which represent one of the key instruments for labour market integration. (Karasová, Baláž & Polačková, 2019; Štefánik, Karasová & Studená 2019). Relatedly, research on lifelong learning aimed at assessing the role of lifelong

learning in developing a productive, efficient, and competitive economy. This was done through investigating multiple dimensions of what determines the participation of adults in lifelong learning. The researchers developed a model for assessing what learning potential and innovation ability exists within workplaces, and what organizational models favour innovation ability and innovative oriented training.

During the evaluation period considerable attention was focused on the issue of **migration and migrants**, which is a cross-cutting theme across the Centre's institutes. It has been studied from different perspectives but has enhanced national and international understanding of migration decisions, attitudes towards migrants or regulatory frameworks in specific forms of intra-EU mobility, such as posting of workers. In connection with the growing migration, the research (Baláž & Nežinský & Williams, 2021) focused also on how terrorist attacks and high inflows of immigrants' impact public attitudes towards immigrants from outside the EU. However, the 2015 migration crisis had a significant, greater and more sustained impact on attitudes towards immigrants than terrorist attacks. The research assumes that limited experience with the migrant population was behind hostile attitudes towards immigrants in the post-communist countries. The next set of studies examined **attitudes towards migrants in the Slovak Republic as well as in the European context** (Kentoš, Výrost, 2019; Bozogáňová, Piterová, 2020). In an effort to reflect the current social situation in the form of emphasizing the topic of populism, researchers also dealt with this phenomenon. The aim is to contribute to the understanding of populist attitudes of ordinary people through the application of knowledge and theory offered by social psychology (Piterová, Kováčová - Holevová, Loziak, 2021; Piterová, Heldáková, Kohoutová, 2021) and to find related variables that explain populist attitudes and support for populist parties in Slovakia.

Slovakia is one of the EU countries with strong brain drain, and therefore research focused on **student migration and loss of human capital**. Research on international youth mobility focused on international youth mobility in Europe, and their key characteristics, approaching international mobility as personal and professional development strategies, analyzing the individual outcomes in terms of both employability and careers (skills and competences) and non-economic terms (welfare and identities), analyzing the territorial outcomes for the regions of both origin and destination and differentiating between short-term and long-term outcomes, taking into account return migration and future intentions to migrate (Baláž & Williams, 2018; Baláž, Williams & Chrančoková 2018, Baláž, Chrančoková & Karasová, 2017, Baláž, Williams et al. 2021).

Research on **posting of workers** developed insights into the recent practice of firms in specific sectors within the EU (construction and automotive), and the posted worker flows when providing service in another EU Member State, thus contributing to an understanding of the common European labour market challenges and developments. We mapped the gaps between the EU and national legislative and regulatory frameworks and practice in the posting of workers from the perspective of employers and the challenges in specific sectors of the economy (Kováčová, Mýtna Kureková, Studená 2021). The research was based on multi-stakeholder involvement, and had a direct societal impact by means of establishment of a Platform for labour migration and posting of workers, as well as multiple exchanges with public officials and social partners during the project duration.

The researchers of the Centre were active in several **international research networks** providing intensive scientific collaboration on different scientific topics in an intercultural framework. The research activities resulted in several cross-cultural publications published in top-tier scientific journals. The scientific importance of these studies is based on the fact that they provide robust, cross-cultural evidence of research phenomena which go beyond limited evidence from local national studies.



## **2. Partial indicators of main activities:**

### **2.1. Research output**

#### **2.1.1. Principal types of research output of the institute: basic research/applied research, international/regional (in percentage)**

Types of research output	Basic	Applied	International	Regional
in %	70	30	60	40

In accordance with the Mission Statement the majority of the research performed in the Centre is basic. However, the share of the applied research is increasing with the growing number of requests and contracts from non-research bodies on national and international level.

#### **2.1.2 List of selected publications documenting the most important results of basic research. The total number of publications listed for the assessment period should not exceed the average number of employees with university degrees engaged in research projects. The principal research outputs (max. 5, including Digital Object Identifier – DOI if available) should be underlined. Authors from the evaluated organizations should be underlined.**

- 1 ADAMUS, Magdalena - ČAVOJOVÁ, Vladimíra - ŠROL, Jakub. The impact of stereotyped perceptions of entrepreneurship and gender-role orientation on Slovak women's entrepreneurial intentions. In *Gender in Management*, 2021, vol. 36, no. 6, p. 745-761. (2020: 2.293 - IF, Q2 - JCR, 0.467 - SJR, Q2 - SJR. ISSN 1754-2413. <https://doi.org/10.1108/GM-06-2020-0179>)
- 2 ADAMUS, Magdalena - GREŽO, Matúš. Individual differences in behavioural responses to the financial threat posed by the COVID-19 pandemic. In *Personality and Individual Differences*, 2021, vol. 179, art. no. 110916. (2020: 3.004 - IF, Q2 - JCR, 1.328 - SJR, Q1 – SJR). ISSN 0191-8869. <https://doi.org/10.1016/j.paid.2021.110916>)
- 3 BALÁŽ, Vladimír - DOKUPILOVÁ, Dušana - NEŽINSKÝ, Eduard. Do Motorways Induce Wider Economic Benefits? : evidence from the Slovak Republic. In *Ekonomický časopis*, 2018, roč. 66, č. 5, s. 431-464. (2017: 0.327 - IF, Q4 - JCR, 0.246 - SJR, Q3 - SJR, karentované - CCC). (2018 - Current Contents). ISSN 0013-3035.
- 4 BALÁŽ, Vladimír - KARASOVÁ, Katarína. Geographical Patterns in the Intra-European Migration before and after Eastern Enlargement : the connectivity approach. In *Ekonomický časopis*, 2017, roč. 65, č. 1, s. 3-30. (2016: 0.720 - IF, Q3 - JCR, 0.355 - SJR, Q3 - SJR, karentované - CCC). (2017 - Current Contents, WOS, SCOPUS, EconLit). ISSN 0013-3035.
- 5 BALÁŽ, Vladimír - WILLIAMS, Allan M. - CHRANČOKOVÁ, Martina. Connectivity as the facilitator of intra-European student migration. In *Population, Space and Place*, 2018, vol. 24, no. 3, p. e2101. (2017: 2.439 - IF, Q1 - JCR, 1.425 - SJR, Q1 - SJR, karentované - CCC). (2018 - Current Contents). ISSN 1544-8444. Dostupné na: <https://doi.org/10.1002/psp.2101>
- 6 BALÁŽ, Vladimír - WILLIAMS, Allan M. Experimental Research Methods in Migration : From Natural to True Experiments. In *Population, Space and Place*, 2017, vol. 23, no. 1, p. E1974-E1974. (2016: 1.683 - IF, Q2 - JCR, 1.114 - SJR, Q1 - SJR, karentované - CCC). (2017 - Current Contents, WOS, SCOPUS). ISSN 1544-8444. Grant no. 649491 - YMOBILITY, VEGA grant no. 2/0010/14. Dostupné na: <https://doi.org/10.1002/psp.1974>)

- 7 BALLOVÁ MIKUŠKOVÁ, Eva - ČAVOJOVÁ, Vladimíra. The Effect of Analytic Cognitive Style on Credulity. In *Frontiers in Psychology*, 2020, vol. 11, no. 584424, p. 2682. (2019: 2.067 - IF, Q2 - JCR, 0.914 - SJR, Q1 - SJR). ISSN 1664-1078. <https://doi.org/10.3389/fpsyg.2020.584424>
- 8 BAŠNÁKOVÁ, Jana - ČAVOJOVÁ, Vladimíra - ŠROL, Jakub. Does Concrete Content Help People to Reason Scientifically? In *Science and Education*, 2021, vol. 30, 4, p. 809–826. (2020: 2.114 - IF, Q1 - JCR, 1.038 - SJR, Q1 - SJR). ISSN 0926-7220. <https://doi.org/10.1007/s11191-021-00207-0>
- 9 BLEHA, Branislav - BURCIN, Boris - KUČERA, Tomáš - ŠPROCHA, Branislav - VAŇO, Boris. The Population Prospects of Czechia and Slovakia Until 2060. In *Demografie : revue pro výzkum populačního vývoje*, 2018, roč. 60, č. 3, s. 219-233. (2017: 0.238 - SJR, Q3 - SJR). ISSN 0011-8265.
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[04] UHRECKÝ, Branislav - GURŇÁKOVÁ, Jitka. Úloha emócií a emočnej regulácie zdravotníckych záchranárov pri riešení simulovanej úlohy rutinného typu. (The role of emotions and emotional regulation of paramedics in solving a simulated task of a routine type) In GURŇÁKOVÁ, Jitka. *Výskum makrokognícií a emócií v rozhodovaní zdravotníckych profesionálov*. (Research of macrocognitions and emotions in decision-making of health professionals.) Bratislava : ÚEP CSPV SAV, 2017, s. 57-117. ISBN 978-80-88910-60-2.

[05] HLAVÁČOVÁ, Anna. Formovanie florentských obrazových vetiev klaňania mudrcov. In *Téma Troch kráľov v umení a v kultúre*. (Formation of Florentine pictorial branches of the worship of the sages. In Theme of the Three Kings in Art and Culture.) - Bratislava : VEDA, 2021, s. 251-305. ISBN 978-80-224-1936-9.

#### **2.1.5. List of other scientific outputs specifically important for the institute, max. 10 items for institute with less than 50 FTE researchers, 20 for institutes with 50 – 100 FTE researchers and so on**

[01] BALÁŽ, Vladimír - FRANK, Karol - OJALA, Tauno. RIO Country Report 2017: Slovak Republic : Research and Innovation Observatory country report series. Luxembourg : Publications Office of the European Union, 2018. 29 p. JRC Science for Policy Report. Dostupné na: <https://doi.org/10.2760/427548> . ISBN 978-92-79-81482-2. ISSN 1831-9424

[02] BALÁŽ, Vladimír - BEŇOV, Miloš - BREČKA, Dušan - ČERNOHORSKÁ, Denisa - GAJDOŠ, Milan - FILČÁK, Richard - GÉCI, Jozef - GOMBITOVÁ, Dagmar - JECK, Tomáš - ŠIMOVÁ, Dana - ŠIMOVÁ, Martina - ŠKOBLA, Daniel - VANKO, Marek - VARGA, Tomáš. Vyhodnotenie pokroku pri vykonávaní Partnerskej dohody SR k 31.12.2016 : [záverečná správa]. [Bratislava] : KPMG Slovensko, Úrad podpredsedu vlády SR pre investície a informatizáciu, 2017. 304 s. Dostupné na internete: [http://www.partnerskadohoda.gov.sk/data/files/1521\\_vyhodnotenie-pokroku-pri-vykonavani-partnerskej-dohody-sr-k-31122016-zaverecna-sprava.pdf](http://www.partnerskadohoda.gov.sk/data/files/1521_vyhodnotenie-pokroku-pri-vykonavani-partnerskej-dohody-sr-k-31122016-zaverecna-sprava.pdf)

[03] LUBYOVÁ, Martina - GAJDOŠOVÁ, Ľubica. Recent Developments of Migration and Migration Policies in Slovakia : OECD SOPEMI REPORT 2016. Slovak Republic. In *Prognostické práce [elektronický seriál]*, 2016, vol. 8, no. 2, p. 45-138. ISSN 1338-3590. Dostupné na internete: [https://www.prog.sav.sk/wp-content/uploads/Prognosticke\\_prace\\_Migration\\_Development\\_d-1.pdf](https://www.prog.sav.sk/wp-content/uploads/Prognosticke_prace_Migration_Development_d-1.pdf) (VEGA č. 2/0010/14 : Inštitucionálne a technologické zmeny v kontexte európskych výziev. VEGA č. 2/0160/13 : Finančná stabilita a udržateľnosť hospodárskeho rastu Slovenska v podmienkach globálnej ekonomiky)

[04] DOKUPILOVÁ, Dušana - FILČÁK, Richard. Energy poverty: definitions, research frameworks and challenges for public policy making. Part V. In *A Study of the Slovak Climate Initiative on integrated national energy and climate plan of the Slovak Republic (NECP)*. - Bratislava : Slovak Climate Initiative, 2019, s. 27-33.

[05] FILČÁK, Richard. Moderate Political Climate Ambitions in Spite of the Increasingly Growing Public Support for Actions. In *Climate ambition beyond emission numbers : taking stock of progress by looking inside countries and sectors*. - Paris : Deep Decarbonization Pathways (DDP) Initiative-IDDRI, 2021, p. 135-138. Dostupné na internete: [https://www.iddri.org/sites/default/files/PDF/Publications/Catalogue%20Iddri/Rapport/DDP\\_beyond%20emissions%20report.pdf](https://www.iddri.org/sites/default/files/PDF/Publications/Catalogue%20Iddri/Rapport/DDP_beyond%20emissions%20report.pdf)

[06] BALOG, Miroslav. Vedecké parky a výskumné centrá na Slovensku : výzvy (aj) pre programové obdobie 2021-2027. Recenzenti: Dagmar Cagáňová, Martina Antošová, Peter Burger. Bratislava : Prognostický ústav, Centrum spoločenských a psychologických vied SAV, 2019. 215 s. ISBN 978-80-89524-35-8

[07] POLÁČKOVÁ, Zuzana. Kontext a výzvy sociálneho podnikania na Slovensku. Recenzenti: Martina Chrančoková, Daniel Škobla. Bratislava : Implementačná agentúra Ministerstva práce, sociálnych vecí a rodiny Slovenskej republiky (IA MPSVR SR), 2020. 106 s. Dostupné na internete: <https://prog.tankit.sk/wp-content/uploads/Kontext-a-vyzvy-socialneho-podnikania-na-Slovensku-ONLINE.pdf> ISBN 978-80-89837-57-1

[08] RUBLÍKOVÁ, Eva - GAJDOŠOVÁ, Ľubica - LUBYOVÁ, Martina - NEŽINSKÝ, Eduard. Trh práce: zamestnanosť, nezamestnanosť, voľné pracovné miesta; produktivita práce, mzdy. október 2016 [Labour Market: Employment, Unemployment, Vacancies, Labour Productivity, Wages. October 2016]. In Bulletin Prognostického ústavu SAV [elektronický seriál], 2016, č. 4, s. 1-10. ISSN 1339-0120. Available: [https://search.webdepozit.sk/webarchiv/public/20200115232154/http://prog.sav.sk/sites/default/files/2018-05/Bulletin\\_PU\\_CSPV\\_SAV\\_cislo\\_4-2016\\_okt\\_16.pdf](https://search.webdepozit.sk/webarchiv/public/20200115232154/http://prog.sav.sk/sites/default/files/2018-05/Bulletin_PU_CSPV_SAV_cislo_4-2016_okt_16.pdf)

[09] KOVÁČOVÁ, Lucia - STUDENÁ, Ivana - MÝTNA KUREKOVÁ, Lucia. Challenges encountered by employers in the posting of workers in Slovakia : Posting of workers in the framework of the provision of services, Policy Brief 2021/14. Vienna : European Centre, 2021. 10 p. vyšlo aj v slovenčine: Výzvy vo vysielaní pracovníkov z pohľadu zamestnávateľov na Slovensku. Vysielanie pracovníkov na výkon prác pri poskytovaní služieb. Available: <https://www.euro.centre.org/publications/detail/4174https://www.euro.centre.org/downloads/detail/4233>

[10] HABODÁSZOVÁ, Ľuba - STUDENÁ, Ivana. Marečku, podejte mi pero! Bratislava : Inštitút finančnej politiky, 2021. 5 s. Komentár, 2021/16. Available: <https://www.mfsr.sk/sk/financie/institut-finančnej-politiky/publikacie-ifp/komentare/komentare-z-roku-2021/16-marecku-podejte-mi-pero-november-2021.html>

**2.1.6. List of patents, patent applications, and other intellectual property rights registered abroad, incl. revenues**

N/A

**2.1.7. List of patents, patent applications, and other intellectual property rights registered in Slovakia, incl. revenues**

N/A

## 2.1.8. Table of research outputs

Papers from international collaborations in large-scale scientific projects (Dwarf team, ALICE Collaboration, ATLAS collaboration, CD Collaboration, H1 Collaboration, HADES Collaboration, and STAR Collaboration) have to be listed separately

Scientific publications	2016			2017			2018			2019			2020			2021			total			
	number	No. / FTE researches	No. / one million total salary budget	number	No. / FTE researches	No. / one million total salary budget	number	No. / FTE researches	No. / one million total salary budget	number	No. / FTE researches	No. / one million total salary budget	number	No. / FTE researches	No. / one million total salary budget	number	No. / FTE researches	No. / one million total salary budget	number	averaged number per year	av. No. / FTE researches	av. No. / one million total salary budget
Scientific monographs and monographic studies in journals and proceedings published abroad ( <i>AAA, ABA</i> )	0	0,000	0,000	1	0,020	0,921	1	0,020	0,830	0	0,000	0,000	0	0,000	0,000	1	0,018	0,616	3	0,500	0,010	0,384
Scientific monographs and monographic studies in journals and proceedings published in Slovakia ( <i>AAB, ABB</i> )	10	0,195	10,211	11	0,222	10,133	11	0,225	9,133	13	0,261	9,788	9	0,178	5,682	11	0,203	6,773	65	10,833	0,214	8,327
Chapters in scientific monographs published abroad ( <i>ABC</i> )	12	0,234	12,253	1	0,020	0,921	4	0,082	3,321	17	0,342	12,799	5	0,099	3,156	3	0,055	1,847	42	7,000	0,138	5,381
Chapters in scientific monographs published in Slovakia ( <i>ABD</i> )	20	0,391	20,421	16	0,323	14,739	7	0,143	5,812	13	0,261	9,788	22	0,436	13,888	16	0,295	9,852	94	15,667	0,309	12,043
Scientific papers published in journals registered in Current Contents Connect ( <i>ADCA, ADCB, ADDA, ADEB</i> )	15	0,293	15,316	20	0,404	18,424	17	0,348	14,115	12	0,241	9,035	33	0,654	20,833	37	0,683	22,783	134	22,333	0,441	17,167
Scientific papers published in journals registered in Web of Science Core Collection and SCOPUS not listed above ( <i>ADMA, ADMB, ADNA, ADNBB</i> )	11	0,215	11,232	20	0,404	18,424	26	0,533	21,588	21	0,422	15,811	17	0,337	10,732	21	0,388	12,931	116	19,333	0,382	14,861
Scientific papers published in other foreign journals (not listed above) ( <i>ADEA, ADEB</i> )	4	0,078	4,084	3	0,061	2,764	5	0,102	4,151	10	0,201	7,529	4	0,079	2,525	9	0,166	5,542	35	5,833	0,115	4,484
Scientific papers published in other domestic journals (not listed above) ( <i>ADFA, ADFB</i> )	27	0,527	27,569	25	0,505	23,030	27	0,553	22,418	27	0,543	20,329	20	0,397	12,626	18	0,332	11,084	144	24,000	0,474	18,448
Scientific papers published in foreign peer-reviewed proceedings ( <i>AECA</i> )	3	0,059	3,063	4	0,081	3,685	4	0,082	3,321	1	0,020	0,753	2	0,040	1,263	4	0,074	2,463	18	3,000	0,059	2,306
Scientific papers published in domestic peer-reviewed proceedings ( <i>AEDA</i> )	5	0,098	5,105	9	0,182	8,291	18	0,369	14,945	8	0,161	6,023	7	0,139	4,419	4	0,074	2,463	51	8,500	0,168	6,534
Published papers (full text) from foreign scientific conferences ( <i>AFA, AFC</i> )	18	0,352	18,379	8	0,161	7,370	32	0,655	26,570	14	0,282	10,541	14	0,278	8,838	41	0,757	25,246	127	21,167	0,418	16,271
Published papers (full text) from domestic scientific conferences ( <i>AFB, AFD</i> )	23	0,449	23,484	27	0,545	24,873	10	0,205	8,303	41	0,825	30,869	35	0,694	22,095	6	0	4	142	24	0	18

### 2.1.9. Narrative on the most important research outputs of the institute – especially focused on their importance for society (3-5 pages)

The most dominant research outputs are related to **the understanding of human reasoning (and reasoning errors) and how these cognitive errors and biases contribute to epistemically suspect beliefs (ESBs)**. Our research was one of the first to establish the relationship between scientific reasoning, cognitive biases, and ESBs (Čavojová, Šrol & Jurkovič, 2020; Šrol, 2022). Endorsement of ESBs is related to many negative social and health consequences: the prime example is vaccination hesitancy and refusal, which is the topic that we continued to develop from the previous evaluation period. Our earlier works focused on how social and cognitive factors influence people's perception of the risks associated with vaccination (Bašnáková, 2016; Masaryk, 2016), how Slovak parents and pediatricians perceive vaccination (Hatoková & Bašnáková, 2016; Hatoková, Masaryk, & Kénesy Túnyiová, 2018), and what communication strategies pediatricians use to facilitate decision-making about vaccinating one's child (Bašnáková & Hatoková, 2016, 2017; Hatoková & Bašnáková, 2017). Following the earlier more exploratory and qualitative works on this issue, our later research focused on **negative vaccination attitudes** as related to various other pseudo-scientific beliefs and examined primarily the cognitive predictors of such beliefs (e.g., Šrol, Čavojová, & Ballová Mikušková, 2021). Thus, during the pandemic we were well-prepared to contribute to the public debate on this topic and address the fear of a new vaccine and the ways how to communicate the risks and benefits of vaccination – our researchers appeared on the national television program "Experiment", where they discussed this topic, gave many interviews and helped shape the public debate.

Being at the forefront of examining polarizing and controversial topics in Slovakia, we strived to bring our results to the public and enhance scientific communication, as evidenced also by our increase of popularization activities and visibility of the Institute. **The importance of clear communication of scientific findings** fully transpired during the COVID-19 pandemic, when researchers from our Institute dominated the public discourse in regard to epistemically suspect beliefs about the virus and vaccination (conspiracy theories, hoaxes, disinformation). Our colleagues received recognition for these efforts from the Slovak Academy by winning prizes for the popularization activities (Maria Hatoková in 2017 for her work in vaccination hesitancy and Vladimíra Čavojová in 2020 for her work on disinformation and ESBs).

Our efforts in the domain of **recognition of real news from disinformation, bullshit, and other kinds of ESBs** were recognized also by policy-makers and public sector. For example, we were asked to provide consultation to the Security Council of the Government Office (2020, 2021). We also collaborated with the civic association Vivat Vero on creating a web-based application "Antivýtrus", which would help people to distinguish the disinformation from the real news. Our results on conspiracies and hoaxes were used in the political programme of one political party for the national election. These results did not have only a theoretical impact on the field of psychology, but they were readily applicable when the pandemic of COVID-19 started in 2020. The study of ESBs beliefs focused on conspiracy and pseudoscientific beliefs about COVID-19 and the results achieved a much higher scientific and societal impact. We published 7 papers from this research and one of them (Šrol, Ballová Mikušková & Čavojová, 2021) is among WOS's highly cited papers (top 1% in citations in a given discipline). The paper helped to understand the emotional predictors of COVID-19 conspiracy beliefs at the beginning of the pandemic in Slovakia.

**The research on ethnic minorities**, their demographic and linguistic characteristics, historical and political development and their social status within a national state and majority society is one of the focuses of the CSPS. The significance of the minority studies in Slovakia results from the geopolitical position and historical development of this multi-ethnic country in Central Europe, and since 2004 within the structures of the EU. Ethnic heterogeneity and stratification of the society generates differing, and often antagonistic perspectives on solving societal problems and concepts of state politics of minorities. Minority rights and the debate on the extent of participation of



minorities in decision-making processes within the national state is a discussed and often conflicting point of societal discourse in Slovakia. Several publications of the CSPA contributed much to the debate to the benefit of appeasing rivaling standpoints (Ficeri, 2019; Ficeri ed., 2019; Ďurková, Šutaj & Regináčová, 2020). An extensive research of the biggest national minority in Slovakia, the Hungarian one, was carried out by several scientists of the Centre (Heldáková, 2020; Šutaj, Šutajová, 2020; Szeghy-Gayer, 2022; Gabzdilová, 2017) by means of analysis of the nodal points of the 20<sup>th</sup> century and analysis of the current state of inter-ethnic relations. National identity of Jews in the first half of the 20<sup>th</sup> century in urban milieus of east Slovak provincial cities was analyzed by Veronika Szeghy-Gayer (2020), and the same author collaborated on documenting the collection of the Jewish Museum in Prešov (2021). In relation to the above mentioned comparative research on ethnic minorities, the main aim was a comparison of current inter-ethnic relations using the results of the research carried out by the CSPA between 2003 – 2005. The project team had an ambition to clarify not only the recent development in perception of inter-ethnic relations and politics of minorities, but also to analyse historical circumstances which affected this perception and resulted in changes of attitude. The inter-disciplinary team succeeded in clarifying the societal position of minorities in the majority society. The outcomes of the project with its comparative dimension and historical perspective drew the attention of state authorities such as the Chancellery of the President of the Slovak Republic, experts, and representatives of diplomatic missions of the Slovak Republic, and, as such, it gained an award from the Slovak Academy of Sciences for its considerable scientific significance. In the project, an interdisciplinary team composed of sociologists, psychologists, demographers and historians analyzed the politics of ethnicity, public discourse on ethnicity and nationalism (Šutaj, Šutajová, 2020a, 2020b), as well as inter-ethnic relations among the ethnically-heterogeneous population of Slovakia, which was based on empirical data from a sample of 1,280 respondents of eight different ethnic identities. Based on the analysis of demographic, geographical, historical and psychological factors, the chosen approach enabled to differentiate nuances in answers of the respective respondents. In contrast to opinion polls and other simpler questionnaires, the researchers succeeded in the comparison of constant factors such as age, gender, home address, ethnicity, with other variables such as opinions on the future of Slovak – Hungarian relations, attitudes to political parties, the relationship to administrative divisions of the republic, attitudes to significant historical nodal points, such as a problem of injustice of the current national borders, but also the relationship to regions, regionalism, states (Slovakia, Hungary, etc.), perception to particularism, and universalism. Last, but not least, the project by itself constitutes a theoretic-methodological premise for a creation of policy papers and further research in ethnic studies, as well as possible forecasting of inter-ethnic relations (<https://apvv-projekt7.webnode.sk/>). The publishing of the research results mainly in the Slovak language was intentional, as these are supposed to be applied by state authorities, public sector, self-governing bodies, educational institutions, students, and the public.

Inter-disciplinary research within the Centre, international cooperation, experience exchange and know-how in expert public policing production aimed at municipalities and other organizations are currently used in the project of the EEA Grants titled “Cities in the Enlarged European Area: **Joint Development of Capacities of Public Institutions by Slovak-Ukrainian Cross-border Cooperation and Improving Integrity in Public Affairs CEEA**”. The CSPA as one of the leading expert partners in the Carpathian Region, by means of its affiliated branch based in Košice, and due to its long-term cooperation with the partner city of Uzhhorod, Ukraine, aims in this project at activities in the sphere of innovative social and green cities, and climate change, as well as demographic change, increasing social inequalities and other global mega-trends that require local interventions. The project team composed from an international group of experts (Slovakia, Ukraine, Norway) focuses on identifying examples of good practice (a publication “[A dozen examples of good practice: successful practice in partner cities](#)”), and on the creation of recommendations for respective municipalities aimed at achieving a more just and green society in the context of the European Green Deal. At the end of the project, a huge contribution of the project is expected to be the acceptance of action plans for respective cities focused on the

principles of the circulating and social economy (the cities of Košice, Uzhhorod, Kharkiv). The stated aim of the project is gaining an even larger significance due to the current war situation in Ukraine.

The multidisciplinary team of researchers is increasingly strengthening its position as one of the leaders in identifying **global challenges** and proposing strategic solutions for economic and social policies in Slovakia. The team of academic experts combines academic research with practice. The Forecasting Institute seeks to promote an efficient **design and delivery of public policies** based on data and quality information and supporting and influencing the public debate at international, regional and national levels.

The CSPS SAS is therefore increasingly recognised at the top policy level, but also by other policy stakeholders, as a key expert organisation which is being regularly asked to take part in expert working groups and, especially, to participate in drafting the policy documents based on the CSPS SAS research outputs. Strong expertise has been developed in the production of climate change foresights, strategic documents relevant for future skills foresights (e.g., Lifelong Learning Strategy -30), social cohesion, social economy and inclusion policies.

In the evaluated period, CSPS researchers provided analysis of the state of implementation of the Partnership Agreement of the Slovak Republic 2014 - 2020 and the contribution of the ESIF in the implementation of the European Union strategy to ensure smart, sustainable, and inclusive growth. A progress report on the Implementation of the Partnership Agreement as a prerequisite for the Progress Report of the Slovak Republic in 2019 was delivered. The Partnership Agreement of the Slovak Republic covers all support from the European Structural and Investment Funds of the EU. It is a document that defines the strategy, priorities, and conditions of the Slovak Republic to use these funds in an efficient and effective way in order to achieve the priorities of the Europe 2020 strategy. The CSPS research team has developed an expert evaluation of the Partnership Agreement and the progress achieved in its implementation with respect to the Europe 2020 strategy goals and national strategies. The evaluation reflected on the needs, challenges, and progress in meeting the objectives.

**Climate foresights and scenarios** are another strong area of research with a direct impact on the policy level and societal progress in Slovakia. Long term cooperation with the Ministry of Environment generated direct outputs for the decision makers, starting first with a technical and quantitative analysis of the current provision and financing of measures in the area of adaptation of the Slovak Republic to the adverse consequences of climate change. Then, secondly, qualitative analyses of requirements and technical and structural barriers to the implementation of adaptation measures by key stakeholders were prepared. The main output was a research report (Bases and recommendations for the preparation of the Action Plan for the implementation of the Strategy for Adaptation of the Slovak Republic to the Adverse Consequences of Climate Change) and two technical annexes focused on prioritizing measures, monitoring and indicators. The project in 2019 is followed by the elaboration of the Action Plan itself, using the methods of participatory and strategic decision-making. The CSPV SAS will also coordinate this phase and the cooperation with the Ministry of the Environment of the Slovak Republic will continue.

A specific area of research has been focused on addressing the failures of Slovakia to improve its approach and results in the area of **inclusion of marginalised and disadvantaged groups** and communities. Within this area a methodology and impact assessment of the EU cohesion policies on Marginalised Roma Communities (Outputs Analyses and Forecasting) was developed. Methodology and Impact Assessment of the EU Cohesion Policies on Marginalised Roma Communities: Outputs Analyses and Forecasting.

Important share of research focused on the **work migration**, and more specifically on the labour flows based, but not limited, to the posting of workers was to examine the differences between legislation and practical experience in posting workers, to identify challenges, to develop and share effective solutions with posting employers and other actors. The research carried out by the CSPV

team yielded a number of key findings, on the basis of which recommendations for application practice were developed. The main findings include: a) limited access of Slovak employers to information on obligations and working conditions in the countries to which workers are posted; (b) problems in determining the level of wages for posted workers; (c) the limited capacity of public institutions, which leads to administrative obstacles and delays in posting workers. The research also pointed to the urgent need to further deepen research in the field of labour migration and the need to specifically address the issue of conditions for workers from third countries.

## 2.2. Measures of research outputs (citations, etc.)

### 2.2.1. Table with citations per annum (without self-citations)

*Citations of papers from international collaborations in large-scale scientific projects (Dwarf team, ALICE Collaboration, ATLAS collaboration, CD Collaboration, H1 Collaboration, HADES Collaboration, and STAR Collaboration) are listed separately*

Citations, reviews	2016		2017		2018		2019		2020		2021		total		
	number	No. / FTE researchers	number	No. / FTE researchers	number	No. / FTE researchers	number	No. / FTE researchers	number	No. / FTE researchers	number	No. / FTE researchers	number	averaged number per year	av. No. / FTE researchers
Citations in Web of Science Core Collection (1.1, 2.1)	339	6,62	402	8,11	382	7,82	340	6,84	409	8,11	396	7,31	<b>2 268</b>	<b>378,00</b>	<b>7,46</b>
Citations in SCOPUS (1.2, 2.2) if not listed above	36	0,70	44	0,89	34	0,70	60	1,21	36	0,71	41	0,76	<b>251</b>	<b>41,83</b>	<b>0,83</b>
Citations in other citation indexes and databases (not listed above) (3.2,4.2)	0	0,00	0	0,00	0	0,00	0	0,00	0	0,00	0	0,00	<b>0</b>	<b>0,00</b>	<b>0,00</b>
Other citations (not listed above) (3.1, 4.1)	352	6,88	424	8,56	373	7,64	367	7,38	334	6,62	338	6,24	<b>2 188</b>	<b>364,67</b>	<b>7,20</b>
Reviews (5,6)	3	0,06	2	0,04	1	0,02	1	0,02	4	0,08	3	0,06	<b>14</b>	<b>2,33</b>	<b>0,05</b>

**2.2.2. List of 10 most-cited publications published any time with the address of the institute, with number of citations in the assessment period (2015 – 2020)**

<b>Publications</b>	<b>Total cited</b>	<b>There of citations WOS+Scopus</b>
WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> . Tourism Risk and Uncertainty: Theoretical Reflections. In Journal of Travel Research, 2015, vol. 54, no. 3, p. 271-287. (2014: 2.442 - IF, Q1 - JCR, 3.302 - SJR, Q1 - SJR, karentované - CCC). (2015 - Current Contents, Scopus, CCC, WOS). ISSN 0047-2875.	97	78
LÖCKENHOFF, Corinna E. - DE FRUYT, Filip - TERRACCIANO, Antonio - MCCRAE, R. R. - DE BOLLE, Marleen - COSTA, Paul T., Jr. - <u>FICKOVÁ, Emília</u> . Perceptions of aging across 26 cultures and their culture-level associates. In Psychology and Aging, 2009, vol. 24, no. 4, p. 941-954. (2.518 - IF2008. ISSN 0882-7974. Available: <a href="https://doi.org/10.1037/a0016901">https://doi.org/10.1037/a0016901</a> )	73	73
WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> . Migration, Risk, and Uncertainty : theoretical perspectives. In Population, Space and Place, 2012, vol. 18, no. 2, p. 167-180. (2011: 1.815 - IF, Q1 - JCR, 1.810 - SJR, Q1 - SJR, karentované - CCC). (2012 - Current Contents). ISSN 1544-8444. Available: <a href="https://doi.org/10.1002/psp.663">https://doi.org/10.1002/psp.663</a>	70	62
THORSON, James A. - POWELL, F.C. - <u>SARMÁNY-SCHULLER, Ivan</u> - HAMPES, Wiliam P. Psychological health and sense of humor. In Journal of Clinical Psychology, 1997, vol. 53, no. 5, p. 605-619. ISSN 0021-9762. Available: <a href="https://doi.org/10.1002/(SICI)1097-4679(199710)53:6&lt;605::AID-JCLP9&gt;3.0.CO;2-I">https://doi.org/10.1002/(SICI)1097-4679(199710)53:6&lt;605::AID-JCLP9&gt;3.0.CO;2-I</a>	68	17
TERRACCIANO, Antonio - <u>ADAMOVOVÁ, Lucia</u> - <u>FICKOVÁ, Emília</u> - MCCRAE, R. R. National character does not reflect mean personality trait levels in 49 cultures. In Science, 2005, vol. 310, no. 5745, p. 96-100. ISSN 0036-8075. Available: <a href="https://doi.org/10.1126/science.1117199">https://doi.org/10.1126/science.1117199</a>	67	67
WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> . Tourism, risk tolerance and competences: Travel organization and tourism hazards. In Tourism management, 2013, vol. 35, p. 209-221. (2012: 2.571 - IF, Q1 - JCR, 2.158 - SJR, Q1 - SJR, karentované - CCC). (2013 - Current Contents, SCOPUS). ISSN 0261-5177. Available: <a href="https://doi.org/10.1016/j.tourman.2012.07.006">https://doi.org/10.1016/j.tourman.2012.07.006</a>	61	53

PAAVOLA, Jouni - GOULDSON, Andrew - <u>KLUVÁNKOVÁ-ORAVSKÁ, Tatiana</u> . Interplay of Actors, Scales, Frameworks and Regimes in the Governance of Biodiversity. In Environmental Policy and Governance, 2009, vol. 19, no. 3, pp. 148-158. (2008: 0.567 - SJR, Q1 - SJR). (2009 - Scopus). ISSN 1756-932X.	47	47
WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> - WALLACE, Claire. International Labour Mobility and Uneven Regional Development in Europe : human capital, knowledge and entrepreneurship. In European Urban and Regional Studies, 2004, vol. 11, no. 1, pp. 27-46. ISSN 0969-7764. Available: <a href="https://doi.org/10.1177/0969776404039140">https://doi.org/10.1177/0969776404039140</a>	47	40
VÝROST, Jozef - SLAMĚNÍK, Ivan. Sociální psychologie [Social Psychology]. 2., přepr. a rozš. vyd. Praha : GRADA, 2008. 408 s. ISBN 978-80-247-1428-8	47	20
<u>BALÁŽ, Vladimír</u> - WILLIAMS, Allan M. - KOLLÁR, Daniel. Temporary versus Permanent Youth Brain Drain : economic implications. In International Migration, 2004, vol. 42, no. 4, pp. 3-34. (2003: 0.384 - IF, karentované - CCC). (2004 - Current Contents). ISSN 0020-7985.	46	34

### 2.2.3. List of 10 most-cited publications published any time with the address of the institute, with number of citations obtained until 2020

Publications	Total cited	There of citations WOS+Scopus
<u>ŠUTAJ, Štefan</u> . Maďarská menšina na Slovensku v rokoch 1945-1948 : (Východiská a prax politiky k maďarskej menšine na Slovensku) [Hungarian minority in Slovakia in years 1945 – 1948 (Background policy and praxis towards Hungarian minority in Slovakia)]. 1. vydanie. Bratislava : VEDA, 1993. 196 s. ISBN 80-224-0209-5	170	14
THORSON, James A. - POWELL, F.C. - <u>SARMÁNY-SCHULLER, Ivan</u> - HAMPES, Wiliam P. Psychological health and sense of humor. In Journal of Clinical Psychology, 1997, vol. 53, no. 5, p. 605-619. ISSN 0021-9762. Available: <a href="https://doi.org/10.1002/(SICI)1097-4679(199710)53:6&lt;605::AID-JCLP9&gt;3.0.CO;2-I">https://doi.org/10.1002/(SICI)1097-4679(199710)53:6&lt;605::AID-JCLP9&gt;3.0.CO;2-I</a>	154	69
WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> - WALLACE, Claire. International Labour Mobility and Uneven Regional Development in Europe : human capital, knowledge and entrepreneurship. In European Urban and Regional Studies, 2004, vol. 11, no. 1, pp. 27-46. ISSN 0969-7764. Available: <a href="https://doi.org/10.1177/0969776404039140">https://doi.org/10.1177/0969776404039140</a>	120	84

TERRACCIANO, Antonio - <u>ADAMOVOVÁ, Lucia</u> - <u>FICKOVÁ, Emília</u> - MCCRAE, R. R. National character does not reflect mean personality trait levels in 49 cultures. In <i>Science</i> , 2005, vol. 310, no. 5745, p. 96-100. ISSN 0036-8075. Available: <a href="https://doi.org/10.1126/science.1117199">https://doi.org/10.1126/science.1117199</a>	119	119
WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> . Tourism Risk and Uncertainty: Theoretical Reflections. In <i>Journal of Travel Research</i> , 2015, vol. 54, no. 3, p. 271-287. (2014: 2.442 - IF, Q1 - JCR, 3.302 - SJR, Q1 - SJR, karentované - CCC). (2015 - Current Contents, Scopus, CCC, WOS). ISSN 0047-2875.	98	79
WILLIAMS, Allan M. - <u>BALÁŽ, Vladimír</u> . What human capital which migrants? : returned skilled migration to Slovakia from the UK. In <i>International Migration Review</i> , 2005, vol. 39, no. 2, pp. 439-468 (0.938-IF2004. ISSN 0197-9183.	98	59
PAAVOLA, Jouni - GOULDSON, Andrew - <u>KLUVÁNKOVÁ-ORAVSKÁ, Tatiana</u> . Interplay of Actors, Scales, Frameworks and Regimes in the Governance of Biodiversity. In <i>Environmental Policy and Governance</i> , 2009, vol. 19, no. 3, pp. 148-158. (2008: 0.567 - SJR, Q1 - SJR). (2009 - Scopus). ISSN 1756-932X.	97	91
<u>BALÁŽ, Vladimír</u> - WILLIAMS, Allan M. - KOLLÁR, Daniel. Temporary versus Permanent Youth Brain Drain : economic implications. In <i>International Migration</i> , 2004, vol. 42, no. 4, pp. 3-34. (2003: 0.384 - IF, Current Contents - CCC). (2004 - Current Contents). ISSN 0020-7985.	95	60
<u>ŠUTAJ, Štefan</u> . Občianske politické strany na Slovensku v rokoch 1944 - 1948 [Civic political parties in Slovakia in years 1944 – 1948]. Bratislava : VEDA, 1999. 308 s. ISBN 80-224-0583-3	95	2
<u>ŠUTAJ, Štefan</u> . Reslovakizácia : (Zmena národnosti časti obyvateľstva Slovenska po II. svetovej vojne) [Nationality change of part of Slovak population after World War II]. Košice : Spoločenskovedný ústav SAV, 1991. 68 s.	94	8

**2.2.4. List of 10 most-cited publications published during the evaluation period (2016-2021) with the address of the Institute, with number of citations obtained until 2021**

Publications	Total cited	There of citations WOS+Scopus
SOROKOWSKI, Piotr - RANDALL, Ashley K. - GROYECKA, Agata - FRACKOWIAK, Tomasz - CANTARERO, Katarzyna - <u>SARMÁNY-SCHULLER, Ivan</u> . Marital Satisfaction, Sex, Age, Marriage Duration, Religion, Number of Children, Economic Status, Education, and Collectivistic Values: Data from 33 Countries. In <i>Frontiers in Psychology</i> , 2017, vol. 8, art. no. 1728. (2016: 2.321 - IF, Q2 - JCR, 1.314 - SJR, Q1 - SJR, karentované - CCC). (2017 - Current	41	14

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Contents). ISSN 1664-1078. Available:  
<https://doi.org/10.3389/fpsyg.2017.01199>

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WALTER, Kathryn, V. - CONROY-BEAM, Daniel - BUSS, David M. - ASAO, Kelly - SOROKOWSKA, Agnieszka - SOROKOWSKI, Piotr - SARMÁNY-SCHULLER, Ivan - SCHMEHL, Susane - SHARAD,

Shivantika - PROKOP, Pavol. Sex Differences in Mate Preferences Across 45 Countries: A Large-Scale Replication. In Psychological Science, 2020, vol. 31, no. 4, p. 408-423. (2019: 5.389 - IF, Q1 - JCR, 3.303 - SJR, Q1 - SJR, karentované - CCC). (2020 - Current Contents). ISSN 0956-7976. Available:  
<https://doi.org/10.1177/0956797620904154>

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KRONENBERG, Jakub - HAASE, Annegret - ŁASZKIEWICZ, Edyta - ANTAL, Attila - BARAVIKOVA, Aliaksandra - BIERNACKA, Magdalena - DUSHKOVA, Diana - FILČÁK, Richard - HAASE, Dagmar - IGNATIEVA, Maria - KHMARA, Yaryna - NIȚĂ, Mihai Razvan - ONOSE, Diana Andreea. Environmental justice in the context of urban green space availability, accessibility, and attractiveness in postsocialist cities. In Cities, 2020, vol. 106, no. 102862. (2019: 4.802 - IF, Q1 - JCR, 1.606 - SJR, Q1 - SJR, karentované - CCC). (2020 - Current Contents). ISSN 0264-2751. Available: <https://doi.org/10.1016/j.cities.2020.102862>

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BALÁŽ, Vladimír - WILLIAMS, Allan M. - FIFEKOVÁ, Elena. Migration Decision Making as Complex Choice: Eliciting Decision Weights Under Conditions of Imperfect and Complex Information Through Experimental Methods. In Population, Space and Place, 2016, vol. 22, no. 1, p. 36-53. (2015: 1.895 - IF, Q2 - JCR, 1.284 - SJR, Q1 - SJR, karentované - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 1544-8444. Centrum strategických analýz CESTA grant no. III/2/2011. Available:  
<https://doi.org/10.1002/psp.1858>

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FICERI, Ondrej. Košice v slovenskej historiografii = Košice in Slovak historiography. Rec. Peter Švorc, Adam Hudek. 1. vydanie. Košice : Dejepisný spolok v Košiciach, 2016. 266 s. ISBN 978-80-971895-2-5

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BALLOVÁ MIKUŠKOVÁ, Eva. Conspiracy Beliefs of Future Teachers. In Current Psychology, 2018, vol. 37, no. 3, p. 692-701. (2017: 1.280 - IF, Q3 - JCR, 0.400 - SJR, Q3 - SJR, karentované - CCC). (2018 - Current Contents). ISSN 1046-1310. Available:  
<https://doi.org/10.1007/s12144-017-9561-4>

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ŠROL, Jakub - BALLOVÁ MIKUŠKOVÁ, Eva - KURINCOVÁ ČAVOJOVÁ, Vladimíra. When we are worried, what are we thinking? Anxiety, lack of control, and conspiracy beliefs amidst the COVID-19 pandemic. In Applied Cognitive Psychology, 2021, vol. 35, no. 3, p. 720-729. (2020: 2.005 - IF, Q3 - JCR, 0.719 - SJR, Q1 - SJR, karentované - CCC). (2021 - Current Contents). ISSN 0888-4080. Available: <https://doi.org/10.1002/acp.3798>

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BALÁŽ, Vladimír - KARASOVÁ, Katarína. Geographical Patterns in the Intra-European Migration before and after Eastern Enlargement : the connectivity approach. In Ekonomický časopis, 2017, roč. 65, č.

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1, s. 3-30. (2016: 0.720 - IF, Q3 - JCR, 0.355 - SJR, Q3 - SJR, karentované - CCC). (2017 - Current Contents, WOS, SCOPUS, EconLit). ISSN 0013-3035.

CHENG, Cecilia - CHEUNG, Mike W.-L. - MONTASEM, Alex - AWANG-HASHIM, Rosna - BAČOVÁ, Viera. Explaining Differences in Subjective Well-Being Across 33 Nations Using Multilevel Models: Universal Personality, Cultural Relativity, and National Income. In Journal of Personality, 2016, vol. 84, no. 1, pp. 46-58. (2015: 3.657 - IF, Q1 - JCR, 2.357 - SJR, Q1 - SJR, karentované - CCC). (2016 - Current Contents). ISSN 0022-3506. Available: <https://doi.org/10.1111/jopy.12136>

Labour market in Slovakia 2017+ = Trh práce na Slovensku 2017+. Martina Lubyová & Miroslav Štefánik et al. ; reviewers Lucia Fašungová, Mária Vojtková. 1. ed. Bratislava : Center of Social and Psychological Sciences of the Slovak Academy of Sciences : Institute of Economic Research of the Slovak Academy of Sciences : Faculty of Arts Comenius University in Bratislava, 2016. 226 p. ISBN 978-80-970850-4-9

**2.2.5. List of most-cited authors from the Institute (at most 10 % of the research employees with university degree engaged in research projects) and their number of citations in the assessment period (2015– 2020). The cited papers must bear the address of the institute**

Ranking according to total cited			Ranking according to WOS+Scopus citations		
Autors	Total cited	Only citations: WOS+Scopus	Autors	Total cited	Only citations: WOS+Scopus
Vladimír Baláž	877	669	Vladimír Baláž	877	669
Štefan Šutaj	342	29	Peter Halama	318	201
Peter Halama	318	201	Tatiana Kluvánková-Oravská	129	118
Ivan Sarmány-Schuller	286	103	Branislav Šprocha	211	115
Branislav Šprocha	211	115	Ivan Sarmány-Schuller	286	103
Jozef Výrost	193	76	Jozef Výrost	193	76
Imrich Ruisel	144	74	Imrich Ruisel	144	74
Tatiana Kluvánková-Oravská	129	118	Štefan Šutaj	342	29

**2.2.6. List of most-cited authors from the Institute (at most 10 % of the research employees with university degree engaged in research projects) and their number of citations obtained until 2020. The cited papers must bear the address of the Institute**

Ranking according to total cited			Ranking according to WOS+Scopus citations		
Autors	Total cited	Only citations: WOS+Scopus	Autors	Total cited	Only citations: WOS+Scopus
Vladimír Baláž	1692	1120	Vladimír Baláž	1692	1120
Štefan Šutaj	1408	113	Peter Halama	764	340
Peter Halama	764	340	Ivan Sarmány-Schuller	675	289
Ivan Sarmány-Schuller	675	289	Tatiana Kluvánková-Oravská	347	261
Jozef Výrost	490	156	Imrich Ruisel	476	206
Imrich Ruisel	476	206	Jozef Výrost	490	156
Tatiana Kluvánková-Oravská	347	261	Štefan Šutaj	1408	113
Martina Lubyová	247	89	Martina Lubyová	247	89

**2.2.7. List of most-cited authors from the Institute (at most 10 % of the research employees with university degree engaged in research projects) and their number of citations obtained until 2021 of their papers published during the evaluation period (2016– 2021). The cited papers must bear the address of the Institute**

Ranking according to total cited			Ranking according to WOS+Scopus citations		
Autors	Total cited	Only citations: WOS+Scopus	Autors	Total cited	Only citations: WOS+Scopus
Branislav Šprocha	140	97	Branislav Šprocha	140	97
Vladimír Baláž	120	81	Vladimír Baláž	120	81
Ivan Sarmány-Schuller	118	80	Ivan Sarmány-Schuller	118	80
Richard Filčák	77	58	Richard Filčák	77	58
Jakub Šrol	74	54	Jakub Šrol	74	54
Vladimíra Čavojová	71	47	Vladimíra Čavojová	71	47
Ondrej Ficeri	69	6	Ondrej Ficeri	69	6
Lucia Heldáková	32	3	Lucia Heldáková	32	3

### 2.3. Research status of the institute in international and national context

- International/European position of the institute

**2.3.1. List of the most important research activities demonstrating the international relevance of the research performed by the institute, incl. major projects (details of projects should be supplied under Indicator 2.4). Max. 10 items for institute with less than 50 FTE researchers, max. 20 for institutes with 50 – 100 FTE researchers and so on**

- **International study on meta-norms: Cross-cultural study in 57 countries.** International research activities focusing on a range of questions about how meta-norms vary between different kinds of sanctions, different situations, different individuals within a country, and different cultures, and what cultural values and norms may underlie these variations. Main coordinator Stockholm University, supported by Swedish Foundation for Humanities and Social Sciences
- **Cross-national study on communal orientation in men (UCOM),** in which 133 researchers from 79 institutions from all over the world are participating. As social scientists, we believe that men's relatively lower involvement in care-oriented roles is best understood in the context of cultural norms, values, and beliefs that can vary across nations. Main coordinators are Katharina Block from the University of Amsterdam, Maria I. T. Olsson from Inland Norway University of Applied Sciences, Toni Schmader from the University of British Columbia and Colette Van Laar from the Center for Social and Cultural Psychology, University of Leuven.
- **Antecedents and consequences of COVID-19 conspiracy beliefs.** 13 researchers from 11 institutions to work on the review of research on conspiracy theories about COVID-19. The project was led by Valerie van Mulukom from Coventry University and even preprints of the collaboration paper received a lot of recognition.
- **Cooperation with researchers from Vienna University.** Senior researchers from our institute supervised various projects concerning cognitive predictors of epistemically suspect beliefs and (dis)information processing and sharing. This cooperation with young researchers has led to some international publications (Čavojová, Secara, Jurkovič, Šrol, 2020; Čavojová & Ersoy, 2020).
- **Study on individual differences in susceptibility to cognitive biases.** Since 2018 we have collaborated on a project with Wim De Neys at the University of Paris. The project dealt specifically with whether people are sensitive to misleading intuitions during reasoning. The project resulted in a publication in a prestigious journal *Thinking & Reasoning* (Šrol & De Neys, 2021).
- **Research on factors of medical rescuers' achievement in work.** The research is realized in cooperation with Dr. Peter Gröpel from Department of Applied Psychology: Work, Education, and Economy, University of Vienna, Austria, and it provides evidence of effective learning of key medical rescuers' skills in simulated situations.
- **COVID - RAPID. Three studies coordinated by the Psychological Science Accelerator (PSA) with an involvement of researcher teams from 89 countries.** The first study tested how message framing impacts people's willingness to participate in social distancing. The manuscript was published in [PNAS](#). [The second study](#) focused on the effectivity of cognitive reappraisal interventions. The third of the PSA's studies examined the effects of loss aversion and negativity bias on the adoption of protective health behaviors (*will be published in Affective Science*).
- **Creative destruction approach.** To examine how alternative design and hypothesis choices affect generalizability and replicability of the results, two studies coordinated by INSEAD have been conducted. *A creative destruction approach to replication: Implicit work and sex morality across cultures* - the study tested the Implicit puritanism theory across varying replication conditions. The paper was published in [Journal of Experimental Social psychology](#). *Creative destruction in science* - the study tested how conceptually and methodologically different tests of multiple theories affect the findings in the fields of work morality, bias reasoning, and gender discrimination. The paper was published in [Organizational Behavior and Human Decision Processes](#).

- **Measuring Internet Gaming Disorder and Gaming Disorder:** A Qualitative Content Validity Analysis of Validated Scales. In collaboration with Matti Karhulahti from the University of Jyväskylä, we examined the content validity of the items/measures measuring (internet) gaming disorder. The manuscript was published in *Assessment*.
- **Towards gender harmony** - Project supported by HARMONIA 6 grant from the National Science Centre in Poland awarded to Natasza Kosakowska-Berezecka. Led by researchers from the University of Gdansk (Poland) and the University of South Florida (USA), two cross-cultural studies on gender equality have been conducted: *Psychometric Properties and Correlates of Precarious Manhood Beliefs in 62 Nations* ([Bosson et al., 2021](#)) – researchers from 77 institutions located in 62 countries in 13 regions of the world worked on a universal understanding of precarious manhood beliefs. The results are published in the *Journal of Cross-Cultural Psychology*. The second study, *Country-level and individual-level predictors of men's support for gender equality in 42 countries* ([Kosakowska-Berezecka et al., 2020](#)), focused on a cross-cultural examination of both individual- and country-level variables predicted men's collective action intentions to support gender equality. The study was published in the *European Journal of Social Psychology*.

### 2.3.2. List of international conferences (co)organised by the institute

<b>2016</b>		
Work and organizational psychology 2016	Mojmírovce, Slovak Republic	18.05.-19.05.2016
Ukraine and Slovakia at the beginning of the Second World War: myths, realities, memory	Užhorod, Ukraine	01.07.-02.07.2016
Social Processes and Personality 2016	Nový Smokovec, Slovak Republic	12.09.-14.09.2016
Globálne megatrendy a Slovenská republika	Smolenice, Slovak Republic	19.09.-21.09.2016
Meeting of Young Historians VI. Migration Processes in European History. Crisis or dawn of civilization?	Košice, Slovak Republic	12.10.-12.10.2016
Current research questions of national policy and ethnic relations in the 20th and 21st century	Košice, Slovak Republic	14.11.- 15.11.2016
Organisational Learning and Action Research Strategies	Bratislava, Slovak Republic	14.11.- 14.11.2016
Climate Policy in the Slovak Republic: Political Landscape And Opportunities	Bratislava, Slovak Republic	25.11.- 25.11.2016
<b>2017</b>		
Innovative security of present cross-border cooperation between Slovakia and Ukraine.	Stará Lesná, Slovak Republic	16.03.- 17.03.2017
ENLIVEN výskum o učení na pracovisku I	Bratislava, Slovak Republic	09.05.- 09.05.2017
(Un)Making Europe: Capitalism, Solidarities, Subjectivities	Athens, Greek	29.08.-01.09.2017
Social Processes and Personality 2017	Brno, Czech Republic	18.09.-20.09.2017
I. International Carpathian Symposium	Stará Lesná, Slovak Republic	27.09.-28.09.2017
ENLIVEN výskum o učení na pracovisku II	Bratislava, Slovak Republic	06.12.-06.12.2017
<b>2018</b>		
Work and organizational psychology 2018	Košice, Slovak Republic	23.05.-24.05.2018

Social Processes and Personality 2018	Stará Lesná, Slovak Republic	17.09.-19.09.2018
Armed anti-communist resistance in Central and Eastern Europe (1944-1953): political, military, legal and ethical aspects	Stará Lesná, Slovak Republic	03.10.-05.10.2018
The breakdown of the Austro-Hungarian monarchy and the problems of nation-building in Central-Eastern Europe.	Kyjiv, Ukraine	07.11.-07.11.2018
Central European Contexts of National Development at the Beginning of the 21st Century	Košice, Slovak Republic	15.11.-15.11.2018
Medzi-sektorový rozmer koordinácie politik celoživotného učenia na Slovensku pre efektívne nástroje podporujúce dospelých pri získavaní zručností pre 21. storočie	Bratislava, Slovak Republic	28.11.-28.11.2018
<b>2019</b>		
Work and organizational psychology 2019	Brno, Czech Republic	22.05.- 23.05.2019
Changing borders and population movements in Europe after the Second World War	Košice, Slovak Republic	19.09.- 20.09.2019
Reflection of Slovak national educational system in Hungary in the context of the present and other perspectives of its functioning	Košice, Slovak Republic	15.10.- 15.10.2019
<b>2020</b>		
XIX. konferencia: Kvalitatívny prístup a metódy vo vedách o človeku „Poznaj sám seba“	Bratislava, Slovak Republic	27.01.- 28.01.2020
Work and organizational psychology 2020	Košice, Slovak Republic (online)	20.05.- 21.05.2020
Open conference “Cities in the Enlarged European Area: Joint Development of Capacities of Public Institutions by Slovak-Ukrainian Cross-border Cooperation and Improving the Integrity in Public Affairs (CEEAA)”	Košice, Slovak Republic (online)	08.10.2020
Social Processes and Personality 2020	Brno, Czech Republic (online)	18.11.- 20.11.2020
<b>2021</b>		
Work and organizational psychology 2021	Olomouc, Czech Republic	12.05.-14.05.2021
POW BRIDGE Medzinárodný workshop MLL2 "Inovatívne riešenia pre efektívnu prax v oblasti vysielania pracovníkov "	Bratislava, Slovak Republic	26.05.- 26.05.2021
Ecollogically and socially responsible and innovative cities (1 <sup>st</sup> CEEA international workshop)	Košice, Slovak Republic (online)	23.06.2021
Current state of Roma studies in Slovakia II	Prešov, Slovak Republic	03.12.- 03.12.2021

### 2.3.3. List of edited proceedings from international scientific conferences

[1] Social processes and personality 2016. Conference proceeding. Ed. Lukáš Pitel. Bratislava : ÚEP CSPV SAV, 2017. 498 s. ISBN 978-80-88910-55-8

[2] Current Issues of Research on Nationality Policy and Nationality Relations in Slovakia in the 20th and the 21st Centuries. Eds. Štefan Šutaj, Lucia Heldáková, Nikola Regináčová. Košice : Centre of

Social and Psychological Sciences SAS, Institute of Social Sciences, 2017. 199 p. ISBN 978-80-89946-00-6.

[3] Social Processes and personality 2018: Conference proceeding. Eds. Ivana Piterová, Jozef Výrost. Košice : Spoločenskovedný ústav CSPV SAV, 2019. 384 s. ISBN 978-80-89524-40-2 (Sociálne procesy a osobnosť 2018. Zborník príspevkov z medzinárodnej konferencie)

[4] Reflexia slovenského národnostného školstva v Maďarsku v kontexte súčasnosti a ďalších perspektív jeho fungovania : zborník príspevkov z medzinárodnej konferencie = Reflection of Slovak national educational system in Hungary in the context of the present and other perspectives of its functioning : proceedings of the international conference. Eds. M. Ďurkovská, T. Tušková. Košice : Spoločenskovedný ústav CSPV SAV ; Békešská Čaba : Výskumný ústav Slovákov v Maďarsku, 2019. 116 s. ISBN 978-80-89524-41-9.

[5] Work and Organizational Psychology 2020 : Proceedings of the 19th International Conference = Psychológia práce a organizácie 2020 : zborník príspevkov z 19. medzinárodnej konferencie [Psychológia práce a organizácie 2020]. Ed. Ivana Piterová, Denisa Fedáková, Jozef Výrost. Košice : Institute of Social Sciences, CSPS SAS, 2020. 294 p. Dostupné na: <https://doi.org/10.31577/2020.978-80-89524-51-8>. ISBN 978-80-89524-51-8 (Psychológia práce a organizácie 2020 : medzinárodná konferencia).

[6] Ivan Sarmány Schuller (Ed.) Agresia vo verejnom priestore = Aggression in public space. Zborník SPS pri SAV, Bratislava 2018. ISBN 978-80-88910-58-9

[7] Ivan Sarmány Schuller, Ľubor Pilárik, Ivana Gallová (Eds.). Rozhodovanie v kontexte kognície, osobnosti a emócií V. Zborník príspevkov = Decision making in the context of cognition, personality and emotions V. Proceedings. 2016, Nitra. ISBN 978-80-558-1071-3

#### **2.3.4. List of journals edited/published by the institute and information on their indexing in WOS, SCOPUS, other database or no database, incl. impact factor and other metrics of journals in each year of the assessment period**

- **STUDIA PSYCHOLOGICA: International Journal for Research and Theory in Psychological Sciences**

Online: <https://www.studiapsychologica.com/>

##### Indexed in:

Web of Science/Social Sciences Citation Index (SSCI) - since 1986

Current Contents/Social & Behavioral Sciences - since 1978

Journal Citation Reports (JCR)

PsychInfo - since 1965

SCOPUS - since 1996

Google Scholar

PubPsych

CEJSH - Central European Journal of Social Sciences and Humanities

DOAJ- Directory of Open Access Journals - since 2018

**Table 1** Metrics of Studia Psychologica (2016 - 2021):

	Clarivate:Journal Citation Report		SCOPUS	
Year	IF	Quartiles	SJR	Quartiles
2016	0.511	Q4	0.202	Q4
2017	0.511	Q4	0.220	Q3
2018	0.644	Q4	0.287	Q3
2019	0.537	Q4	0.190	Q4
2020	0.850	Q4	0.248	Q3
2021	0.953	Q4	0.343	Q3

Source: Scopus, Clarivate

#### Journal Progress 2016-2021:

Since 2018, the journal has been gradually introducing Open Science practices. We have also introduced the possibility of registered studies. Since 2020, we have been moving to positively motivate authors who follow Open Science practices by visibly informing about articles that share data, materials and / or have been pre-registered. The last two monothematic (2021, 2022) numbers have more than 93% of articles with shared data and / or materials. Since 2018, the journal has also been in the DOAJ database (Directory of Open Access Journals). DOAJ covers approximately 9,000 journals with the OA approach, and aims to increase the visibility and usability of OA journals and thus increase their social impact. In addition to the visibility and easier searchability of the content, being in the DOAJ database also signals that the journal is trustworthy and adheres to the standards required by the DOAJ. We increased the role of international members of the editorial board and hosting editors. Recently, we have published our first special issue edited exclusively by international hosting editors on the Psychological Roots of Questionable Health Practices. All these activities led to an increase of the journal's JCR impact factor from 0.511 in 2016 to 0.953 in 2021.

- **INDIVIDUAL AND SOCIETY [Človek a spoločnosť]**

Online: <https://individualandsociety.org/>

#### Indexed in:

ERIH PLUS (2015)

INDEX COPERNICUS (2015)

EBSCO (2014)

Central and Eastern European Online Library – CEEOL (2011)

Central European Journal of Social Sciences and Humanities – CEJSH (2008)

Directory of Open Access Journals – DOAJ (2008)

#### Journal progress 2016-2021:

In 2017, the multilingual character of the journal was eliminated and articles are published only in English. Since 2019 each article has been assigned a DOI number. The editorial board has been expanded to include experts from abroad, i.e. not only from Central Europe but also from

Northern and Western Europe and overseas. At present, it has 21 members, of which 61.9% are from abroad. The number of authors from abroad has increased, as well as their geographical distribution, and the number of authors from within the institution has decreased (from 41% between 2015-2018 to 6.4% between 2019-2021). The journal follows the principles of Open Science by applying the Level 1 TOP Guidelines and is planning to apply the Level 2 in the future. From 2022 the possibility of Open Science Badges has been introduced, which, by promoting the principles of open science, should help to increase the credibility of articles.

- **EKONOMICKÝ ČASOPIS / JOURNAL OF ECONOMICS**

The institute is co-publisher of Journal of Economics (Ekonomický časopis), an international scientific journal. Journal is indexed in v Social Sciences Citation Index (since 1986), Current Contents/Social and Behavioural Sciences (since 1978), Journal Citation Reports, SCOPUS, EconLit, Nordic list (Norwegian Register for Scientific Journals, Series and Publishers).

**Table 2** Metrics of Journal of Economics (2016 – 2021):

	Clarivate:Journal Citation Report		SCOPUS	
Year	IF	Quartiles	SJR	Quartiles
2016	0.72	Q4	0.36	Q3
2017	0.33	Q4	0.25	Q3
2018	0.84	Q4	0.33	Q3
2019	0.56	Q4	0.27	Q3
2020	0.69	Q4	0.26	Q3
2021	0.54	Q4	0.20	Q4

Source: Scopus, Clarivate

Ekonomický časopis/Journal of Economics is a peer-reviewed journal published since 1952. The journal publishes articles, discussions and analytical studies from the fields of macro and microeconomics theory, economic policies, and quantitative analysis by using econometric models, socio-economic forecasting, corporate management, analysis of the financial sector, cross-sectoral analysis, as well as of regional and social development. The journal addresses thematic areas covering globalisation, European integration, including emerging markets' economies. Currently, the preferred topics are: technological change (4th Industrial Revolution, digitization, robotics / automation and artificial intelligence), climate change and its impact on socio-economic development, long-term sustainability of socio-economic development in the context of Agenda 2030, the process of globalization/deglobalization, global financial stability, macroeconomic development, monetary and fiscal policy, regional development, structural reforms, economic impacts caused by the COVID-19 pandemic, as well as new methodological approaches in economic theory and their applications in economic policy.



- **PROGNOSTICKÉ PRÁCE (FORESIGHT, ANALYSIS AND RECOMMENDATIONS, PP-FAR)**

Availability and periodicity: electronic journal is available online on the website and as of 2017 it is updated biannually.

The thematic focus of the journal is outlined in four key areas:

- Economic and socio-demographic aspects of the development of Slovakia and EU countries: forecasts, scenarios and strategies.
- Climate change, energy and environmental analyses and forecasts in a socio-economic context and in the context of sustainable development
- Co-evolution of institutional, technological and socio-economic changes and effective policies of public governance.
- Labour markets, migration, inclusion and human capital development

Language of published articles: English (recommended), Slovak. Editors support gradual transition to publishing in English.

In 2021 the publisher, Institute for Forecasting adopted measures to accelerate strategic development of this journal. The executive capacity has been supported and reconstruction of Editorial Board and improvement of review processes have been initiated to strengthen the scientific content and henceforth the strategic position of the journal.

Medium term goal is to include the journal in databases, improve the visibility.

Indexed in: EBSCO

- **National position of the institute**

### 2.3.5. List of selected activities of national importance

- **Psychological aspects of adaptation to retirement** - research focused on identifying personality, social, and cognitive resources and barriers of optimal coping with retirement transition in the Slovak retirees. These projects provide inputs into the process and factors of optimal retirement adaptation in Slovak society, and provide resources for the application of the obtained results in the Slovak social context. In Slovakia, it is a unique project dealing with psychological factors of optimal retirement adaptation. VEGA No. 2/0048/18
- **Promoting Open Science practices.** We were the founding members of the Slovak Reproducibility Network (Community of Open Science) and we launched important collaborative networks with researchers from Slovak Universities (Comenius University, University of Pavol Jozef Šafárik, Trnava University, and Prešov University). We launched the website to promote open science practices and we organize webinars and lectures for young researchers about open science practices, advanced statistics, pre-registration, sharing materials and data, and others. One of the results of our activities is also using badges incentivizing open science practices in our journal *Studia Psychologica* and we are proud to say that the last two Special issues contained more than 90 % of articles that shared data and/or materials. Also the *Individual and Society [Človek a spoločnosť]* journal follows the principles of open science by applying the Level 1 TOP Guidelines. For authors the possibility of Open Science Badges is introduced, which, by promoting the principles of open science, should help to increase the credibility of articles.
- **Popularization of science.** Over the last evaluation period, we have focused intensively on increasing our outreach activities toward the general public. We have given dozens of interviews

to print media, appeared in radio and television discussions, created online presentations and a series of short popularization videos, as well as publicly accessible brochures regarding topics such as unfounded beliefs, scientific reasoning, and vaccine hesitancy. We have collaborated with other institutes of the SAS, as well as with other organizations, such as the Slovak Centre of Scientific and Technical Information. We have also launched a blog of the Institute of Experimental Psychology (<https://dennikn.sk/autor/uepsav/>), and organized a public conference “Why people believe weird things?”. Almost every year, we also join two large Slovak science popularization events: The week of science and technology, and Researchers night with presentations or posters for general public. Our success in popularization of science in Slovakia is evidenced by three of our colleagues who were awarded prizes for popularization of social sciences by the President of the Slovak Academy of Sciences. We always try to promote popularization on current topics and at regular intervals, we are active in podcasts, popularization section titled “Kalendárium” (2021 – we wrote about international days related to science; 2022 - anniversaries of important personalities of science) and publishing news on Facebook and Instagram page. We also popularize our journal via several online platforms (Academia.edu and Facebook, where the journal has its own profile).

- **Contribution to Improving the Quality of Emergency Prehospital Health Care** - CSPS thanks to 12 years of research in the field of naturalistic decision-making, emotions, macrocognitions and key non-technical skills of health professionals represents a pioneer of interdisciplinary research of social and cognitive skills of emergency medical staff in Slovakia and the Czech Republic, which have a fundamental impact on the professional and patient-felt quality of the provided health care. Although it is primarily basic research, its results have been accepted, disseminated and applied by urgent pre-hospital healthcare providers in practice, which leads to increased patient safety, reduced psychological burden on healthcare professionals and overall quality improvement.
- **Hate speech in digital space** - The current and emotive issue of hate speech in digital space has been analysed by Papcunová et al. (2021) in cooperation with professionals in the area of artificial intelligence from Kempelen Institute of Intelligent Technologies (KIIT). The team succeeded in providing an empirical definition of manifestation of hateful conduct by defining 10 indicators of hate speech. A set of quantifying indicators can contribute to tackle hate speech by facilitating its identification, evaluation and enclosure.
- **Application of innovative scholarly approaches with the aim to refute dogmatic interpretations of the past** – CSPS supports operationalization of innovative scholarly approaches in the research of history. Constructivist and post-colonial theories were applied in the case of the monograph Košice Post-Trianon (Ficeri, 2019) which was published on the occasion of the centennial commemoration of the international recognition of the Czechoslovak-Hungarian border by the Peace Treaty of Trianon. Author of the monograph attempted to reconsider some of the ethnocentric interpretation schemes of national historiographies – the Hungarian and Slovak ones. In the course of the 20<sup>th</sup> century, both historiographies mutually disputed “national character” and geopolitical belonging of the strategic city of Košice/Kassa. A transnational approach applied in the book won a national award for the best scientific opus in the category of social sciences and humanities (Cena Literárneho fondu 2019).
- **Tendencies of development of ethnic relations in Slovakia** - elaboration of extensive analysis of national policy and national relations in Slovakia including historical context of these relations through interdisciplinary oriented empirical research using unique research methodology of national issues based on complex grasp of researched phenomena through application of several social science methods.
- **Ethnically Encoded Sites of Memory** - The research focused on Romany sites of memory, their forms, visualization and remembrance. The aim was to draw attention to Romany sites of memory, and also to record the stories of witnesses (initiators, artists, scientists, i.e. publicly

active and professionally involved persons in the construction and creation of Romany sites of memory, members of both the majority and Romany minority, people tied to Romany sites of memory). The map of the Romany memory was created under the website [www.paramisar.eu](http://www.paramisar.eu) (Kultminor No. 19-170-02166)

- **Stress of teachers during pandemic** - The COVID-19 pandemic affected many areas of everyday life, including the closure of schools. Many teachers became exposed to an increased burden connected to the online form of education. Some psychologists of the Centre focused therefore on measuring the stress of teachers during the pandemic. The research repeatedly proved the pandemic having been a serious problem in teachers' lives. At the same time, it brought a more precise insight on what problems teachers encountered in that period. The first study (Loziak, Fedáková, Čopková, 2020) published in Journal of Women's Entrepreneurship and Education mapped the burden in the beginning of the pandemic and showed that the increased burden resulted from insecurities and unclear instructions how to deal with the situation from the part of the managing staff and authorities. The second study (Loziak, Fedáková, 2021) focused on measuring the stress in the peak of the pandemic. The study showed not only an increase in the burden, but also how it negatively affected mental and physical health. The third study (Loziak, 2021) identified the most vulnerable groups of teachers during the pandemic, those being the youngest and the least experienced female teachers. Researchers also pointed out that one of the most significant source of the stress among teachers was a lack of societal appreciation. The results of the research were met with a considerable response in the media (Work and Organizational Psychology 2021: Innovation - research and application, [Ako zvládať \(nielen\) učiteľský stres](#), Duševná imunita učiteľov: Konferencia, [Intenzita pracovného stresu učiteľov sa následkom pandémie zvýšila](#), Rádio Regina: O učiteľskom strese a ako sa ho zbaviť).

### 2.3.6. List of journals (published only in the Slovak language) edited/published by the institute and information on their indexing in WOS, SCOPUS, other database or no database, incl. impact factor and other metrics of journals in each year of the assessment period

N/A

## • Position of individual researchers in the international context

### 2.3.7. List of invited/keynote presentations at international conferences, as documented by programme or invitation letter

BALÁŽ, Vladimír, CHRANČOKOVÁ Martina and KARASOVÁ Katarína. Vedecká prednáška: *Spatial Patterns in the Intra-European Migration Before and after Eastern Enlargement: winners and losers, The SSH Research in the Growth, Jobs and Policies Against Inequalities* v Bratislave dňa 15. 11. 2016

FILČÁK, Richard. *Access and Exposure: Concept of Environmental Justice and Transition in Central and Eastern Europe*. Odborná prednáška na medzinárodnej konferencii: Istanbul Development Dialogues (2016): "#Talk Inequalities", ktorú organizoval Rozvojový program OSN (UNDP) v Istanbule, Turecko, 9.2.2016.

FILČÁK, Richard. *What's the introduction of the free market got to do with the professionalization of environmental activism in Central and Eastern Europe?* Odborná prednáška na medzinárodnej konferencii organizovanej Faculté de Philosophie et Sciences Sociales, ULB: Political Ecology, Environmentalism and Greens in the Centre and East of Europe: Past, Present and Prospects v Bruseli dňa 3.6.2016.

FILČÁK, Richard. *Research and social sciences: Green economy as a question of technological fix?* Odborná prednáška na medzinárodnej konferencii: T2gE - Transition to the Green Economy, organizovanej vládou SR v Bratislave dňa 6.9.2016.

- HOMIŠINOVÁ, Mária. *O jazykovej komunikácii poslancov slovenských samospráv = About linguistic communication of Slovak local government deputies*. Medzinárodná konferencia Zväzu Slovákov v Maďarsku "Ako ďalej Slováci?" = International conference of the Association of Slovaks in Hungary "How to continue Slovaks?". Mlynky, 18.11. - 19.11.2016.
- KONEČNÝ, Stanislav. *Slováci a Rusíni a vplyv ich vzájomnej koexistencie na etnoidentifikačný proces rusínskeho obyvateľstva = Slovaks and Rusyns and the influence of their mutual coexistence on the ethno-identification process of the Rusyn population*. Medzinárodná vedecká konferencia Podkarpatská Rus a etnoidentifikačné procesy na jej území v prvej polovici 20. storočia = International scientific conference Podkarpatska Rus and ethnoidentification processes on its territory in the first half of the 20th century. Prešov, 13. 04.2016.
- LUBYOVÁ, Martina. *Irregular Employment of Foreign Workers*, OECD, Working Party on Migration. Paris, 16.06.2016
- ŠUTAJ, Štefan. *Výmena obyvateľstva medzi Československom a Maďarskom v súvislosti s rokovaniami Parížskej konferencie 1946 = Population exchange between Czechoslovakia and Hungary in connection with the negotiations of the Paris Conference 1946*. Medzinárodná vedecká konferencia Dohoda o výmene obyvateľstva medzi Československom a Maďarskom 1946. Nútené migrácie menšín v povojnovej východostrednej Európe = International Scientific Conference Agreement on the exchange of population between Czechoslovakia and Hungary 1946. Forced Migration of Minorities in Postwar East-Central Europe. Budapešť, 26. 02. 2016.
- ŠUTAJ, Štefan. *Vysídlenie Maďarov po druhej svetovej vojne = Displacement of Hungarians after World War II*. 45. Zasadanie česko-slovenskej komisie historikov „Vnitřní migrační pohyby v Československu v kontextu česko-slovenských vzťahů“ = 45. Meeting of the Czech-Slovak Commission of Historians "Internal Migration Movements in Czechoslovakia in the Context of Czech-Slovak Relations". Liberec, CZ, 19. 10. 2016.
- ŠUTAJ, Štefan. *Interdisciplinary Accesses in the Researches of the Slovak-Hungarian Relationships in History. Possibilities of Cooperation of the Humanitarian and Social Sciences*. In Transboundary Symbiosis over the Danube: EU Integration between Slovakia and Hungary from a Local Border Perspective (Part III). Komárno, 12. 09. 2016.
- ŠUTAJ, Štefan – KACEROVÁ, Barbara. *Poznámky k problematike vojnových zajatcov v súvislosti s výmenou obyvateľstva medzi Československom a Maďarskom = Notes on the issue of prisoners of war in connection with the exchange of population between Czechoslovakia and Hungary*. In „Cena víťazstva“. Odvlečenie občanov zo Slovenska a zo susedných štátov do ZSSR v rokoch 1944 – 1945 = "The Price of Victory". Deportation of citizens from Slovakia and neighbouring countries to the USSR in 1944-1945. Košice, 24. 11. 2016.
- VARŠO, Miroslav. *Evanjeliá o detstve ako interpretačná výzva = The Childhood Gospels as an interpretive challenge*. Medzinárodná konferencia "Celé Písmo je Bohom vnuknuté" Nové pohľady na inšpiráciu a pravdu Svätého písma v novom dokumente Pápežskej biblickej komisie = International Conference "All Scripture is God-breathed" New perspectives on the inspiration and truth of Sacred Scripture in a new document of the Pontifical Biblical Commission. Bratislava, 01. 12. 2016.
- VÝROST, Jozef. *Pracovné podmienky na Slovensku a v európskych krajinách v dátach European Working Conditions Survey (EWCS) 2010 a 2015 = Working conditions in Slovakia and European countries in the European Working Conditions Survey (EWCS) 2010 and 2015*. Medzinárodná vedecká konferencia Psychológia práce a organizácie 2016 = International Scientific Conference on Work and Organizational Psychology 2016. Mojímírovce, 18. 05. - 19. 05. 2016.
- ŠUTAJ Štefan. *Výmena obyvateľstva medzi Československom a Maďarskom v kontexte formovania povojnovej Európy = Population exchange between Czechoslovakia and Hungary in the context of the formation of post-war Europe*. Medzinárodná vedecká konferencia "Výmena obyvateľstva medzi Československom a Maďarskom v rokoch 1946 - 1948 a jej následky na ľudské osudy" = International Scientific Conference "Population Exchange between Czechoslovakia and Hungary in

- 1946-1948 and its Consequences on Human Destiny", 16. - 17. 11. 2017, Békešská Čaba, Maďarsko.
- VÝROST Jozef. Automatizácia a digitalizácia: výzvy pre psychológiu práce a organizácie = Automation and digitalization: challenges for work and organizational psychology. Medzinárodná vedecká konferencia "Psychologie práce a organizace 2017" = International scientific conference "Psychology of work and organization 2017", 24.-25.5.2017 Zlín, Česká republika.
- FICERI, Ondrej. Košice/Kassa Post-Trianon: The Legacy of Imperial-Era-Politics of Identity in a New Eastern Metropolis of Czechoslovakia. International congress: Association of Borderland Studies: World Conference II, Vienna. (Panel: The Unmaking and Making of Imperial Centres and Peripheries: Hungary's New Borders and Central Europe's Reconfiguration.) 10. - 14. júl 2018, Viedeň (Wien Universität, Juridicum), Rakúsko.
- FICERI, Ondrej. The Current State of the Professional Discourses on the Breakdown of the Hungarian Kingdom. International conference: Trianon 1920 – 2020, Budapest. 7. september 2018, Budapešť, Maďarsko.
- FICERI, Ondrej. Roundtable Discussion on the National and Historical Memory of the Austro-Hungarian Monarchy - Roundtable Discussion III: Culture. International conference: Central European Nations in the Austro-Hungarian Monarchy, Budapest. 3. - 6. október 2018, Budapešť (Ceremonial Hall, Hungarian National Museum), Maďarsko.
- FILČÁK, Richard. *Towards Racialized Workfare. 'Labor Activation' and Roma in Slovakia*. Prednáška na 2018 Annual Meeting of the Gypsy Lore Society and Conference on Gypsy / Romani Studies (september 4-7, 2018, Bukurešť, Rumunsko).
- ADAMUS, Magdalena. "From homo economicus to homo sapiens: development of prosocial behaviour across lifespan"; Invited lecture at the conference: "Youth and experience: Diagnosis, strategies and public policies focused on social inclusion of different generations"; organizer: Cracow University of Economics, 13-14 júna 2018.
- WEIBL, Gabriel. 3 vyžiadané prednášky – "Sharpening the Soft Power – Role of Education Combating Sharp Power" (National Chengchi University - College of International Affairs, National Sun Yat-sen University - Institute of Political Science., National Chung Hsing University - Graduate Institute of International Politics).
- HANÁK, R. Why has Experience so small effect on the Entrepreneurial Performance? Invited lecture at the International conference DEMSME 2019, Karviná, ČR. 16. – 17. 05. 2019
- KORYTÁROVÁ, K. Smart? Energy Efficiency & Energy Savings. Central European Energy Conference 2019. Bratislava, SR, 18.-19.11.2019
- SÁPOSOVÁ, Z. Roma integrációs projektek Szlovákia keleti régióiban = Roma Integration Projects - Eastern Regions of Slovakia. Kárpát-medencei Romakutatási Fórum, Debreceni Egyetem, Debrecen, MR, 28. - 29. 03. 2019
- SÁPOSOVÁ, Z. The use of the Hungarian language in Košice as a challenge. International conference "In double mirror: social innovation and social conflicts". Miskolci Egyetem, Miskolc, MR, 09. 05. 2019.
- Fedáková Denisa - Kentoš Michal: Retirement or later career? Trends in Timing of Life from the ESS perspective. Konferencia EUROPEAN SOCIAL SURVEY ROUND 9: "Poland and its European Context: Continuity and Change", 5.2.2020, IFIS PAN Varšava, Poľsko.
- BAČOVÁ, V. (2021). Career and age: exploring generational differences. Invited lecture at the conference PSYCHOLOGY OF WORK AND ORGANIZATION 2021, held on 13 - 14 May 2021, Olomouc, Czech Republic (ONLINE).
- HALAMA, P.: Personality predictors of emotional, behavioural and cognitive response to the COVID-19 pandemic. Invited paper as a part of the invited symposium The COVID-19 Pandemic in Slovakia and Czech Republic's Psychology Research. Presented at International Congress of Psychology (ICP) 2020 Prague, July 18- 23, 2021. (ONLINE).

ČAVOJOVÁ, V., ŠROL, J. & BALLOVÁ MIKUŠKOVÁ, E. (2021). Conspiracy thinking with regard to the COVID-19 pandemic in Slovakia. Invited paper as a part of the invited symposium The COVID-19 Pandemic in Slovakia and Czech Republic's Psychology Research. Presented at International Congress of Psychology (ICP) 2020 Prague, July 18- 23, 2021. (ONLINE).

FILČÁK, R. (2021). What makes the CEE region different from other European countries and the rest of the world when it comes to challenges and opportunities for a just transition? Conference: From Katowice to Glasgow - progress on Just Transition pathway in Central and East Europe. Konferencia organizovaná CEE Bankwatch Network v rámci stretnutia strán dohovoru OSN o zmene klímy (COP 26 UN Climate Change Conference), Veľká Británia, 5. novembra 2021. (ONLINE)

### 2.3.8. List of researchers who served as members of the organising and/or programme committees

2016			
Šutaj Štefan	Current research questions of national policy and ethnic relations in the 20th and 21st century	Košice, Slovak Republic	14.-15.11.2016
Heldáková Lucia	Current research questions of national policy and ethnic relations in the 20th and 21st century	Košice, Slovak Republic	14.-15.11.2016
Výrost Jozef	Current research questions of national policy and ethnic relations in the 20th and 21st century	Košice, Slovak Republic	14.-15.11.2016
Kohoutová Klara	Current research questions of national policy and ethnic relations in the 20th and 21st century	Košice, Slovak Republic	14.-15.11.2016
	Meeting of Young Historians VI. Migration Processes in European History. Crisis or dawn of civilization?	Košice, Slovak Republic	12.10.2016
Ištoňová Lucia	Current research questions of national policy and ethnic relations in the 20th and 21st century	Košice, Slovak Republic	14.-15.11.2016
Gajdoš Marián	Ukraine and Slovakia at the beginning of the Second World War: myths, realities, memory	Užhorod, Ukraine	01.-02.07.2016
Konečný Stanislav	Ukraine and Slovakia at the beginning of the Second World War: myths, realities, memory	Užhorod, Ukraine	01.-02.07.2016
Martin Sedlár	Social Processes and Personality 2016	Nový Smokovec, Slovakia	12. - 14. 9. 2016
Vladimíra Čavojová	Social Processes and Personality 2016	Nový Smokovec, Slovakia	12. - 14. 9. 2016
	7th International Conference on Applied Human Factors and Ergonomics 2016	Walt Disney World Swan and Dolphin, FL, USA	27.– 31. 7. 2016
Matúš Grežo	Social Processes and Personality 2016	Nový Smokovec, Slovakia	12. - 14. 9. 2016

Viera Bačová	Work and organizational psychology 2016	Mojmírovce, Slovakia	May 18 – 19, 2016
<b>2017</b>			
Výrost Jozef	Work and organizational psychology 2017	Zlín, Czech Republic	24.-25.05.2017
Kalistová Anna	Innovative security of present cross-border cooperation between Slovakia and Ukraine.	Stará Lesná, Slovak Republic	16.-17.3.2017
Gajdoš Marián	I. International Carpathian Symposium	Stará Lesná, Slovak Republic	27.-28.09.2017
	Innovative security of present cross-border cooperation between Slovakia and Ukraine.	Stará Lesná, Slovak Republic	16.-17.3.2017
Kohoutová Klara	Innovative security of present cross-border cooperation between Slovakia and Ukraine.	Košice, Slovak Republic	16.-17.3.2017
Heldáková Lucia	Meeting of Young Historians VII. Historical memory, its place and significance for society	Košice, Slovak Republic	25.10.2017
	Innovative security of present cross-border cooperation between Slovakia and Ukraine.	Stará Lesná, Slovak Republic	27.-28.09.2017
<b>2018</b>			
Konečný Stanislav	Armed anti-communist resistance in Central and Eastern Europe (1944-1953): political, military, legal and ethical aspects	Stará Lesná, Slovak Republic	03.-05.10.2018
	The breakdown of the Austro-Hungarian monarchy and the problems of nation-building in Central-Eastern Europe.	Kyjev, Ukraine	7.11.2018
Fedáková Denisa	Social Processes and Personality 2018	Stará Lesná, Slovak Republic	17.-19.9.2018
Kalistová Anna	Social Processes and Personality 2018	Stará Lesná, Slovak Republic	17.-19.9.2018
Loziak Alexander	Social Processes and Personality 2018	Stará Lesná, Slovak Republic	17.-19.9.2018
Pastrnáková Veronika	Social Processes and Personality 2018	Stará Lesná, Slovak Republic	17.-19.9.2018
Piterová Ivana	Social Processes and Personality 2018	Stará Lesná, Slovak Republic	17.-19.9.2018
Schmidt Ivan	Social Processes and Personality 2018	Stará Lesná, Slovak Republic	17.-19.9.2018
Gajdoš Marián	Armed anti-communist resistance in Central and Eastern Europe (1944-1953): political, military, legal and ethical aspects	Stará Lesná, Slovak Republic	03.-05.10.2018

	The breakdown of the Austro-Hungarian monarchy and the problems of nation-building in Central-Eastern Europe.	Kyjiv, Ukraine	7.11.2018
Nemcová Edita	International Conference ‚ECONOMIC AND SOCIAL POLICY‘	Čeladná, Czech Republic	04.-06.09.2018
<b>2019</b>			
Gallová Miroslava	Changing borders and population movements in Europe after the Second World War	Košice, Slovak Republic	19.-20.09.2019
Heldáková Lucia	Reflection of Slovak national educational system in Hungary in the context of the present and other perspectives of its functioning	Košice, Slovak Republic	15.11.2019
Kohoutová Klara	Reflection of Slovak national educational system in Hungary in the context of the present and other perspectives of its functioning	Košice, Slovak Republic	15.11.2019
Schmidt Ivan	Reflection of Slovak national educational system in Hungary in the context of the present and other perspectives of its functioning	Košice, Slovak Republic	15.11.2019
Ďurková Mária	Reflection of Slovak national educational system in Hungary in the context of the present and other perspectives of its functioning	Košice, Slovak Republic	15.11.2019
Nemcová Edita	ECONOMIC AND SOCIAL POLICY: Economic and Social Challenges for European Economy	Čeladná, Czech Republic	03.-05.05.2019
<b>2020</b>			
Kordáčová Jana	The 32nd International Congress of Psychology	Prague, Czech Republic	19.-24.07.2020
Fedáková Denisa	Work and Organizational Psychology 2020: The Quality of Work Life	online	20.-21.5.2020
Kalistová Anna	Work and Organizational Psychology 2020: The Quality of Work Life	online	20.-21.5.2020
Piterová Ivana	Work and Organizational Psychology 2020: The Quality of Work Life	online	20.-21.5.2020
Fedáková Denisa	Work and Organizational Psychology 2020: The Quality of Work Life	online	20.-21.5.2020
Halama Peter	Social Processes and Personality 2020	Slavonice, Czech Republic (online)	18.-20.11.2020
Nemcová Edita	International Scientific Conference ECONOMIC AND SOCIAL POLICY	Trojanovice, Czech Republic	01.-03.09.2020



Viera Bačová	Qualitative Approach and Methods in Human Sciences 2020	Bratislava, Slovakia	27.1-28.1.2020
<b>2021</b>			
Kordáčová Jana	The 32nd International Congress of Psychology, ICP 2020+	Prague, Czech Republic (online)	18.-23.07.2021
Nemcová Edita	International Scientific Conference ECONOMIC AND SOCIAL POLICY	Čeladná, Czech Republic	07.-09.09.2021
Fedáková Denisa	Work and organizational psychology 2021	Olomouc, Czech republic (online)	12.-14.05.2021
Kalistová Anna	Environmentally and Socially Responsible and Innovative Cities	Košice, (online)	23.6.2021
Kohoutová Klara	Current state of Roma studies in Slovakia II	Prešov, Slovak Republic	3.12.2021

### 2.3.9. List of researchers who received an international scientific award

#### **Szeghy-Gayer Veronika:**

- The Hungarian Academy of Sciences' Award for Extraordinary Scientific Work Abroad (Awarded by: Hungarian Academy of Sciences, 2020; <https://mta.hu/magyar-tudomanyossag-kulfoldon/a-mab-es-az-mtk-eb-kozos-dija-111134>)
- Danube Young Scientist Award 2021 (<https://www.drc-danube.org/2021/11/29/danubius-awards-2021/>)

#### **Best posters awards:**

**Piterová Ivana** – Best poster at the conference “Work and Organizational Psychology 2017” (Awarded by - Fakulta managementu a ekonomiky Univerzity Tomáše Bati v Zlíne; Title: Anticipated emotions and anticipated consequences in the context of aggression inhibition in job of paramedics)

**Galasová Miroslava** – Best poster at the conference “PhD Existence” (Title: Driving you mad. A comparison of the three anger-inducing interventions)

**Kentoš Michal** – Best poster at the conference “Work and Organizational Psychology 2021” – 3<sup>rd</sup> place (Awarded by: Univerzita Palackého v Olomouci, Filozofická fakulta, Katedra psychologie; Title: The perception of fairness in recruitment in the Czech Republic and Slovakia; co-authors: Mária Ďurkovská, Anna Kalistová)

**Loziak Alexander** - Best poster at the conference “Work and Organizational Psychology 2021” – 2<sup>nd</sup> place (Awarded by: Univerzita Palackého v Olomouci, Filozofická fakulta, Katedra psychologie; Title: Comparison of elementary school teacher's work stress in 2018 and in 2020, during pandemic of coronavirus Covid-19; co-author: Denisa Fedáková)

**Sedlár Martin** - Best poster at the conference "Work and Organizational Psychology 2021" – 1<sup>st</sup> place (Awarded by: Univerzita Palackého v Olomouci, Filozofická fakulta, Katedra psychologie; Topic: Work stressors and job satisfaction for members of the crews of the emergency medical service in Slovakia)

- **Position of individual researchers in the national context**

### 2.3.10. List of invited/keynote presentations at national conferences, as documented by programme or invitation letter

BAČOVÁ, Viera. Models of time discounting in decision making: how we evaluate current and future benefits. Invited lecture at the conference Decision-making in the context of cognition, personality and emotions V. Nitra on June 24, 2016.

HOMIŠINOVÁ, Mária. *Nazeranie Slovákov na vybrané sféry spoločenského života = Slovak's views on selected spheres of social life*. XII. medzinárodná konferencia Optimalizácia mechanických sústav a zariadení = XII th International Conference on Optimization of Mechanical Systems and Equipment. Jasná, 08.06. - 10. 06. 2016.

KORDAČOVÁ, J. Possibilities of positive psychology in prevention and support not only of mental health. Invited lecture at the conference Preventive medicine. Bratislava 9.11.2017.

FICERI, Ondrej. Starý a nový svet: prípad košického hlavného policajného komisára Josefa Kohouta = The old and the new world: the case of the chief police commissioner of Košice, Josef Kohout. Vedecká konferencia: Na hranici dvoch svetov: Vznik Československa a miestne prechody = Scientific Conference: On the Border of Two Worlds: The Emergence of Czechoslovakia and Local Transitions. 9. 10. 2018, Šamorín.

SÁPOSOVÁ, Zlatica. Spoločnosť a voľný čas v Rakúsko-Uhorsku = Society and leisure in the Austro-Hungarian Empire. Krajské múzeum v Prešove = Regional Museum in Prešov, 10. 4. 2018.

VARŠO, Miroslav. Sofoniášova radosť = Zephaniah's joy. Vedecká konferencia: Historické etapy vývoja fenoménu emócií v židovskej a kresťanskej biblickej tradícii = Scientific Conference: Historical stages of the development of the phenomenon of emotions in the Jewish and Christian biblical traditions. 14. 12. 2018, Baďín.

BALOG, M. Výzvy pre podpornú politiku s nastupujúcou štvrtou priemyselnou revolúciou. Konferencia Politika súdržnosti - príležitosti a výzvy. Bratislava, SR. 12.11.2019

GURŇÁKOVÁ, J. To be wrong is human. Psychological sources of errors in the provision of health care. The Conference Legal, forensic and economic aspects of medicine. Austria Trend Hotel Bratislava, 13 November 2019

GURŇÁKOVÁ, J. The task Relax. Workshop Simulation of critical situations in the operating room. University Hospital with F. D. Roosevelt Polyclinic, June 7 - 9, 2019, Banská Bystrica.

HALAMA, P. Transition to retirement as a reconstruction of the meaning of life. 10th Czech-Slovak Conference on Logotherapy: Paths of Hope and the Search for Meaning in Life Crises. October 11 - 12, 2019, Pan-European University, Bratislava.

HALAMA, P. The meaning of life in the context of coping with oncological disease. Symposium INTEGRATIVE ONCOLOGY. January 16, 2019, SAS meeting, Dúbravská cesta 9, Bratislava. Organizer: Cancer Research Foundation.

HALAMA, Peter. An interactive approach to research decision-making in the field of work. International Conference Decision-Making in the Context of Cognition, Personality and Emotions V. Nitra on June 24, 2016.

- ZÁHORCOVÁ, L. Forgiveness in oncological patients - current state of knowledge and possibilities of application. Symposium INTEGRATIVE ONCOLOGY. January 16, 2019, SAS meeting, Dúbravská cesta 9, Bratislava. Organizer: Cancer Research Foundation.
- Halama Peter: Qualitative research of the transition from work to retirement (or a psychometrist does qualitative research). Invited lecture at the international conference Qualitative Approach and Methods in Human Sciences: "Know Yourself". Bratislava, Faculty of Social and Economic Sciences, Comenius University in Bratislava, January 27 - 28, 2020.
- Šrol Jakub - Čavojová Vladimíra: Hoaxy vs. Scientific thinking: How to stay healthy in times of crisis? Cycle of lectures in the Center of Scientific and Technical Information (CVTI) SR. 2020. The lecture record is available at: <https://youtu.be/LHpcy7vSxUc>
- Šrol Jakub: Using online and offline tools for design, analysis and dissemination of their results. Conference on the results of the project APVV-16-0153 "Cognitive failures - individual predictors and possibilities of intervention". IEP CSPV SAS, Strbske Pleso, 6.10.2020 - 9.10.2020.
- FICERI, O. Medzi ideológiou a sociálne angažovanou vedou: slovenská historiografia 1989 - 2020 = Between ideology and socially engaged science: Slovak historiography 1989 - 2020. Workshop Pohľady na vývoj slovenskej historiografie po roku 1989 = Workshop Perspectives on the development of Slovak historiography after 1989. Katedra histórie Filozofickej fakulty Univerzity Mateja Bela v Banskej Bystrici = Department of History, Faculty of Arts, Matej Bel University in Banská Bystrica, 13.1. 2021.
- GURŇÁKOVÁ, J. (2021). Man in Need - the importance of communication with the patient and his closed ones in the intervention of the emergency medical service crew. Day of Emergency Medicine - News 2021, 25.11. 2021, Trenčín. (ONLINE).
- ŠUTAJ, Štefan. Vyžiadaná prednáška na prezentácii knihy „Parížska konferencia 1946 a mierová zmluva s Maďarskom“ = Invited lecture at the presentation of the book "The 1946 Paris Conference and the Peace Treaty with Hungary". Budapešť, Slovenský kultúrny inštitút = Slovak Cultural Institute, 25. 2. 2016.
- KONEČNÝ Stanislav. Rusínska otázka v období prvej Slovenskej republiky, Vybrané aspekty z dejín severného Spiša a Slovenskej republiky v rokoch 1939 - 1945 = The Ruthenian Question in the Period of the First Slovak Republic, Selected Aspects of the History of Northern Spiš and the Slovak Republic in 1939-1945. Stará Ľubovňa, 7. september 2017.
- ŠUTAJ, Štefan. Parížska konferencia 1946 a mierová zmluva s Maďarskom = The 1946 Paris Conference and the peace treaty with Hungary. Cyklus prednášok: Večery s históriou = Lecture series: evenings with history. 4.12.2018, FF PU v Prešove.
- SÁPOSOVÁ, Zlatica. Kultúrna predpojatosť - predsudky a ich redukcia = Cultural bias - prejudice and its reduction. Prednáška o maďarskej menšine na Slovensku v súčasnosti pre študentov 2. ročníka magisterského programu európska verejná správa = A lecture on the Hungarian minority in Slovakia today for 2nd year students of the Master's programme in European Public Administration, 2.10. 2018, FVS UPJŠ v Košiciach.
- ČAVOJOVÁ, Vladimíra. A series of lectures on Cognitive Psychology. Inviting institution: Eötvös University. Hungary. Date: 15.-18.10.2018
- HALAMA, P. Psychology of conspiracy beliefs. Invited guest lecture within the program Week of Science and Technology, November 4, 2019, Faculty of Arts, Catholic University in Ružomberok.
- KURINCOVÁ ČAVOJOVÁ, V. Intuition and scientific thinking. Lecture at the Faculty of Arts, Palacky University in Olomouc on October 23, 2019.
- FICERI O. Identitárna a jazyková homogenizácia členov predstavovaného národného spoločenstva: Slovensko v 20. storočí = Identitarian and linguistic homogenization of the members of the imagined national community: Slovakia in the 20th century. Workshop: Jazykové a komunikačné problémy na Slovensku a ich manažment. Katedra maďarského jazyka a literatúry Filozofickej fakulty Univerzity Komenského v Bratislave = Workshop: language and communication problems in

Slovakia and their management. Department of Hungarian Language and Literature, Faculty of Arts, Comenius University in Bratislava, 22. 10. 2020

ČAVOJOVÁ, V. (2021). Scientific thinking What is it, why do we need it and how to increase it? Invited lecture for LMS Center at the University of Hradec Králové, April 14, 2021, (ONLINE). <https://uni.uhk.cz/lms/?port=vladimira-cavojova-vedecke-myslenie-co-to-je-preco-ho-potrebujeme-a-ako-ho-zvysovat-2&lang=en>

### 2.3.11. List of researchers who served as members of organising and programme committees of national conferences

2016			
Tkáčová Marianna	Meeting of young historians VI.: Crisis or the dawn of civilization? Migration processes in Europe history	Košice, SR	12.10.2016
2017			
Heldáková Lucia	Ethnicity a media	Košice, SR	20.11.2017
	Ethnic Relations and Visuality in Slovakia	Košice, SR	03.05.2017
	Personalities from the history of education and science in Košice	Košice, SR	20.09.2017
	Woman on the throne and women without a throne	Košice, SR	29.11.2017
Kohoutová Klara	Ethnicity and media	Košice, SR	20.11.2017
	Ethnic Relations and Visuality in Slovakia	Košice, SR	03.05.2017
Tkáčová Marianna	Meeting of young historians VII. History reconsidered: historical memory- its place and significance for society.	Košice, SR	25.10.2017
2021			
Ficeri Ondrej	Current state of Roma studies in Slovakia II	Prešov, SR	03.12.2021

### 2.3.12. List of researchers who received a national scientific award

#### **Báčová Viera – Gold Medal of the Slovak Academy of Sciences**

*Awarder: President of the Slovak Academy of Sciences*

Description: Highest award of the Slovak Academy of Sciences for outstanding scientific results

#### **Kostovičová Lenka - 3. place in the Young research scientists up to 35 years award**

*Awarder: The Slovak Academy of Sciences*

#### **Ruisel Imrich – Rector's award for lifelong work**

*Awarder: Constantine the Philosopher University in Nitra*

Description: for a significant contribution in the field of research science and education

**Ballová Mikušková Eva – 2. place in the Young research scientists award**

*Awarder: The Slovak Academy of Sciences*

**Hatoková Mária – Award of the Slovak Academy of Sciences for popularization**

*Awarder: The Slovak Academy of Sciences*

**Halama Peter – Reward of the literary fund for outstanding citation impact for a work**

*Awarder: Literary fund*

**Šrol Jakub – Best conference poster award**

*Awarder: Organizing committee of the conference Cognition and artificial life 2017*

Description: Award to the best poster titled “Barriers (not only) of psychological sciences: Cognitive biases in scientific thinking”

**Gajdoš Marian – Commemorative letter**

*Awarder: The Slovak Academy of Sciences*

Description: Significant personages of the Slovak Academy of Sciences 2018

**Kárász Pavol - Commemorative letter**

*Awarder: The Slovak Academy of Sciences*

Description: Significant personages of the Slovak Academy of Sciences 2018

**Kožárová Zuzana - 3. place in the student section for the paper: “Students and entrepreneurs. Their view on business and entrepreneurship” at the International Conference on Work and Organizational Psychology 2018**

*Awarder: Department of Psychology, Faculty of Arts, Pavol Jozef Šafárik University in Košice*

**Kožárová Zuzana – National career guidance award 2018**

*Awarder: Euroguidance*

Description: Award for the training program PODNIKNI NIEČO! (Do something!) at the „National career guidance award 2018 “

**Varšo Miroslav - Dominik Tatarka Award**

*Awarder: The Conservative Institute of Milan Rastislav Štefánik together with the Dominik Tatarka Award Committee*

Description: Award for the author team of Psalms 51 – 75 (pub. Dobrá kniha) with regard to the volumes Genesis (2008), Obadiah, Jonah, Micah (2010), Exodus (2013), Hosea, Joel, Amos (2015).

**Ficeri Ondrej - Award of the Slovak Academy of Sciences for popularization**

*Awarder: The Slovak Academy of Sciences*

Description: Award for popularization of science and education at the 100<sup>th</sup> anniversary of the Republic of Czechoslovakia

**Bačová Viera – Laudatory letter of the President of the Slovak Academy of Sciences - Significant personages of the Slovak Academy of Sciences**

*Awarder: The Slovak Academy of Sciences*

Description: Significant personages of the Slovak Academy of Sciences

**Kurincová Čavojová Vladimíra - Award of the Slovak Academy of Sciences for popularization**

*Awarder: The Slovak Academy of Sciences*

**Marcinechová Denisa – Certificate of Quality**

*Awarder: Evaluation committee of the Grant Program for PhD students of the Slovak Academy of Sciences*

Description: Recognition of the project "Význam komunikácie s pacientom v kontexte kľúčových netechnických zručností pracovníkov záchranej zdravotnej služby" (The meaning of communication with patients in the context of key non-technical skills of EMTs), submitted for the call of the Grant Program for PhD students of the Slovak Academy of Sciences in 2020.

**Šrol Jakub – 3. place in the Young research scientists up to 35 years award**

*Awarder: The Slovak Academy of Sciences*

**Ficeri Ondrej – Award for scientific and technical literature in 2019**

*Awarder: Literary fund. Section for scientific and technical literature and computer programs*

Description: Award for scientific and technical literature in 2019 in the category social and human sciences, for the work Potrianonské Košice (Košice after Trianon)

**Nežinský Eduard – Award for publication activity**

*Awarder: University of Economics in Bratislava*

Description: Award of the University of Economics in Bratislava for publication activity - 2. Place for the paper Nežinský and Luptáčik (2020) Measuring income inequality beyond Gini coefficient

**Piterová Ivana – Best conference poster**

*Awarder: Organizing committee of the International Conference on Work and Organizational Psychology 2020*

Description: Diploma for the best poster at the International Conference on Work and Organizational Psychology 2020

**Ballová Mikušková Eva – Award of the Presidium of the Slovak Academy of Sciences, Top publication of the Slovak Academy of Sciences in the category Publication in research journals registered in the Nordic List database**

*Awarder: The Slovak Academy of Sciences*

Description: Top publication in journals registered in the Nordic List database: Ballová Mikušková, E., Čavojová, V. The Effect of Analytic Cognitive Style on Credulity. In *Frontiers in Psychology*, Vol. 11, no. 584424 (2020), p. 2682

**Ficeri Ondrej - Award of the Presidium of the Slovak Academy of Sciences, Top publication of the Slovak Academy of Sciences in the category Publication in research journals registered in the Nordic List database**

*Awarder: The Slovak Academy of Sciences*

Description: For the paper The Traitorous National Periphery: The Legacy of Identity Politics of Imperial Hungary in a New Eastern Metropolis of Czechoslovakia–Košice/Kassa. In *European Review of History: Revue européenne d'histoire*, 2020, vol. 27, no. 6, p. 824-846.

**Filčák Richard - Award in the category Top publication**

*Awarder: The Slovak Academy of Sciences*

Description: The study published in the prestigious international sociology journal *Sociologia Ruralis* is the result of several years of field research. In this paper, the authors studied the politics of populism, discourses and social practices related to ethnic Roma in rural areas of Eastern Slovakia on an example of the politics and activities of the municipal governments in regards to waste management in villages and towns. Racial stigmatizing, reconfiguration of previously racially uncategorized problems into ethnic problems and strengthening of the stigmatizing of the ethnic Roma minority was based on the theoretical study of populism and social inequalities within Pierre Bourdieu's concepts in the context of social and economic changes. Simultaneously, the study is a positive example of research and publication cooperation of two institutes of the Slovak Academy of Sciences (Center of Social and Psychological Sciences/Institute for Forecasting and the Institute of Ethnology and Social Anthropology) within an APVV project.

**Kurincová Čavojová Vladimíra - Award of the Slovak Academy of Sciences for Top publication**

*Awarder: President of the Slovak Academy of Sciences*

Description: Recognition of the paper: BALLOVÁ MIKUŠKOVÁ, Eva - KURINCOVÁ ČAVOJOVÁ, Vladimíra. The Effect of Analytic Cognitive Style on Credulity. In *Frontiers in Psychology*, 2020, vol. 11, no. 584424, p. 2682. (2019: 2.067 - IF, Q2 - JCR, 0.914 - SJR, Q1 - SJR, in CCC). (2020 - Current Contents). ISSN 1664-1078. Available at: <https://doi.org/10.3389/fpsyg.2020.584424> Type: ADCA

**Szeghy-Gayer Veronika – 3. place in the Young research scientists up to 35 year award**

*Awarder: The Slovak Academy of Sciences*

Description: for the study of elites in Slovakia in the changing regimes, 1867-1945

**Šutaj Štefan et al. – Award of the Slovak Academy of Sciences for the results of science and research activities**

*Awarder: The Slovak Academy of Sciences*

Description: For the elaboration of an extensive analysis of national policy and ethnic relations in Slovakia, including the historical context of these relations through interdisciplinary oriented empirical research using a unique research methodology of ethnic issues, the team of researchers of the APVV project Tendencie vývoja etnických vzťahov na Slovensku (komparatívny výskum národnostnej problematiky v rokoch 2004-2020) – (TESS2) (Tendencies of the development of ethnic relation in Slovakia (comparative research of the ethnic issues between 2004-2020) – (TESS2)) – received a recognition. TESS under the leadership of prof. PaedDr. Štefan Šutaj, DrSc. From the Center of Social and Psychological Sciences of the Slovak Academy of Sciences: Jozef Výrost, Mária Homišinová, Michal Kentoš, Mária Ďurkovská, Branislav Šprocha, Lucia Heldáková, Lucia Ištoňová, Klara Kohoutová, Juraj Martonyik. From the Faculty of Arts of the University of Pavol Jozef Šafárik: Jana Šutajová, Nikola Regináčová, Mikuláš Jančura, and Barbara Kacerová

**Tencerová Jana – 1. place in the Young research scientists up to 35 years award**

*Awarder: The Slovak Academy of Sciences*

**Burič Roman - ESET Science Awards – Winner of Best Essay Contest**

*Awarder: ESET*

Description: Within the ESET Science Awards event, presided over by the Nobel prize laureate Kip Thorne, a Best Essay Contest, with the topic "Is science the answer to all challenges of mankind?" was held. The winner was chosen by Kip Thorne himself.

**Nežinský Eduard – Rector's award for publication activity**

*Awarder: University of Economics in Bratislava*

Description: Rector's award for publication activity in the category scientific monograph for the work "DEA modely pre sociálno-ekonomickú analýzu a podporu hospodársko-politického rozhodovania" (DEA models for socio-economic analysis and support of economic-political decision-making)



## 2.4. Research grants and other funding resources

(List type of project, title, grant number, duration, total funding and funding for the institute, responsible person in the institute and his/her status in the project, e.g. coordinator “C”, work package leader “W”, investigator “I”. Add information on the projects which are interdisciplinary, and also on the joint projects with several participating SAS institutes)

- International projects and funding

### 2.4.1 List of major projects of Framework Programmes of the EU (which pillar), NATO, COST, etc.

Grant number	Title of the project	Duration	Total funding	Funding for the Institute	Responsible person	Status in the project (C/W/I)	Interdiscip. project (Yes/No)	Joint project with SAS institutes (Yes/No)
CA16232	COST: European Energy Poverty: Agenda Co-Creation and Knowledge Innovation	2017-2021	0	0	Richard Filčák	C	Yes	-
CA16206	COST: Empowering the next generation of social enterprise scholars	2017-2021	0	0	Richard Filčák	C	Yes	-
CA20138	COST: Network on water-energy-food nexus for a low-carbon economy in europe and beyond	2021-2025	0	0	Richard Filčák	C	Yes	-
CA20115	COST: ENIS - European network on international student mobility: connecting research and practice	2021-2025	0	0	Martina Chrančoková	I	Yes	-
DTP3-383-4.1	INTERREG: DREAM ROAD - Danube REgion for improved Access and eMpowerment of ROmA Development	2020-2022	2 072 267	142 000	Anna Kalistová	I	Yes	Yes – within CSPS SAS
DTP1-320-4.1	INTERREG: RARE - Changing Discourses, Changing Practices: The Roma as Human Resource	2017-2019	2 039 082	105 447	Michal Kentoš, Richard Filčák	I	Yes	Yes – within CSPS SAS

SEP-210167211	HORIZON 2020: Youth Mobility: maximizing opportunities for individuals, labour markets and regions in Europe ( <b>Pilar 2: Societal Challenges</b> )	2015-2018	2 450 368	150 325	Vladimír Baláž	C	Yes	-
664337	HORIZON 2020: Building - up Centre of Excellence for advanced materials application ( <b>H2020-EU.4.a.</b> )	2015-2016		10 000	Martina Lubyová	C	Yes	-
693989	HORIZON 2020: ENLIVEN - Encouraging Lifelong Learning for an Inclusive and Vibrant Europe ( <b>Pilar 2: Societal Challenges</b> )	2016-2019	2 499 788	89 000	Martina Lubyová (2016); Ivana Studená (2017-2019)	C	Yes	Yes – within CSPS SAS
883947	HORIZON 2020: ENergy TRANSitions from Coal and carbon: Effects on Societies ( <b>Pilar 2: Societal Challenges</b> )	2020-2023	2 999 524	74 750	Richard Filčák/Daniel Škobla	C	Yes	Yes – within CSPS SAS
721933	HORIZON 2020: UrbanHist: History of European Urbanism in the 20th Century ( <b>Marie Curie Action</b> )	2016-2021		15 138	Štefan Šutaj	I	Yes	-
GGC01007	EEA GRANTS: CEEA - Cities in the Enlarged European Area: Joint Development of Capacities of Public Institutions by Slovak-Ukrainian Cross-border Cooperation and Improving Integrity in Public Affairs	2020-2023	458 504	97 779	Anna Kalistová	I	Yes	Yes – within CSPS SAS
CBC01030	EEA GRANTS: Information provision and implementation of innovative approaches to cross-border cooperation between Slovakia and Ukraine	2016-2017	222 233	124 287	Marian Gajdoš	C	Yes	Yes – within CSPS SAS
22120123	VISEGRAD FUND: Political culture, democratic values and misinformation: Detecting democratic footholds & weaknesses	2021-2023	28 920	26 028	Ivan Brezina	C	Yes	-
22030354	VISEGRAD FUND: Post-WWII Migration Flows in the V4 States in the Context of Propaganda Studies	2021-2023	16 700	16 700	Lucia Heldáková	C	-	-
VS/2021/0208	EaSI (Employment and Social Innovations) I SKILL - Industrial relations and social dialogue to kick-in inclusive adult learning	2021-2023	387 225	40 017	Ivana Studená	C	Yes	Yes – within CSPS SAS
VS/2019/0396	EaSI (Employment and Social Innovations) POW BRIDGE - Bridging the gap between legislation and practice in the posting of workers	2020-2021	423 691	34 476	Lucia Mýtna Kureková	C	Yes	-

- **National projects and their funding, incl. international projects with only national funding**

**2.4.2. List of ERA-NET projects funded from SAS budget**

N/A

### 2.4.3. List of projects of the Slovak Research and Development Agency (APVV)

Grant Number	Title of the project	Duration	Total funding in Eur	Funding for the Institute in Eur	Responsible person	Status in the project (C/W/I)	Interdiscip. project (Yes/No)	Joint project with SAS institutes (Yes/No)
APVV-0361-12	Decision making of professionals: Processual, personality and social aspects	2013-2017	204 070	204 070	Peter Halama	C	-	-
APVV-14-0324	Solving of Social Challenges in Area of Labour-market Policy Creation Based on Scientific Information	2015-2018	190 984	89 435	Martina Lubyová	C	-	Yes
APVV-15-0475	TESS2 - Tendencies of development of ethnic relations in Slovakia (comparative research of ethnic issues in the years 2004 - 2020)	2016-2020	210 339	170 485	Štefan Šutaj	C	Yes	-
APVV-16-0153	Cognitive failures individual predictors and intervention possibilities	2017-2021	172 630	172 630	Vladimíra Čavojová	C	-	-
APVV-20-0387	Psychological context of unfounded information and beliefs related to the COVID-19 pandemic	2021-2025	220 000	220 000	Peter Halama	C	-	-
APVV-17-0141	Analysis of Barriers in Access to Employment for Marginalized: Groups of Population: Selected regions of Slovakia in socio- economic, geographic and socio-anthropological perspective	2018-2022	239 792	53 524	Richard Filčák	C	Yes	Yes
APVV-20-0335	Reducing the spread of disinformation, psuedoscience and bullshit	2021-2025	200 000	200 000	Vladimíra Čavojová	C	-	-
APVV-20-0319	BAPAN - Behavioural aspects of COVID-19: Mapping the COVID-related behaviours and psychological, social, and economic consequences of the pandemic	2021-2024	205 000	37 354	Michal Kentoš	I	-	-
APVV-16-0211	CDSSHE - Computer-Aided Decision Support System for Hepatic Encephalopathy	2017-2021	246 910	4 888	Marek Dobeš	I	-	-
APVV-15-0526	The Three Magi as a Theme in the Art in Slovakia - Interdisciplinary Studies on Cultural Tradition and Communication	2016-2020	301 383	26 415	Anna Hlaváčová	I	Yes	Yes

#### 2.4.4. List of projects of the Scientific Grant Agency of the Slovak Academy of Sciences and the Ministry of Education (VEGA)

Grant number	Title of the project	Duration	Responsible person	Status in the project (C/W/I)	Interdisciplinary project	Joint project with SAS institutes
2/0117/15	Variations of Corporativism and its Effect on Economic Outcomes and Outputs in the Middle and Eastern Europe	2015-2017	Pavol Baboš	C	Yes	-
2/0089/15	Methodology and Impact Assessment of the EU Cohesion Policies on Marginalised Roma Communities: Outputs Analyses and Forecasting	2015-2018	Richard Filčák	C	Yes	-
2/0124/16	Schools in Slovakia during years of the First Slovak Republic and in the period of Stalinism (1948 - 1953) with focus upon the ethnic minorities. Differences and similarities	2016-2019	Soňa Gabzdilová	C	-	-
2/0059/14	The solution of the Ukrainian question in Slovakia during the socialist experiment	2014-2017	Marián Gajdoš	C	-	-
2/0080/14	Decision making in emotionally demanding situations: Research of macrocognitions and emotions in the naturalistic decision making paradigm	2014-2017	Jitka Gurňáková	C	-	-
2/0035/14	Lingual-communication behaviour of Slovak youth in Croatia and in Serbia, in situational context of intra-ethnic utilization of spoken Slovak language	2014-2016	Mária Homišinová	C	Yes	Yes
2/0160/13	Financial stability and sustainability of Slovakia's economic growth in conditions of global economy	2013-2016	Pavol Karász	C	-	-
2/0172/15	Perception of safety in the context of personality and work	2015-2018	Michal Kentoš	C	-	-
2/0064/13	Decision making of experts: Using intuition for solution of strategic tasks	2013-2016	Vladimíra Kurincová Čavojová	C	-	-
2/0154/13	Social influences in individual decision-making	2013-2016	Radomír Masaryk	C	-	-
2/0010/14	Institutional and technology change in context of the European challenges	2014-2017	Edita Nemcová	C	-	-

2/0116/15	Decision making and effective complex problem solving in intrapsychic bonds with cognitive styles	2015-2018	Ivan Sarmány-Schuller	C	-	-
2/0149/15	Jesuit school drama in Slovakia of 17th and 18th century	2015-2017	Miroslav Varšo	C	-	-
2/0043/17	A computational model for the integration of chemosensory modules and the motor module of the C. Elegans neural network	2017-2020	Marek Dobeš	C	-	-
2/0118/17	Risk assessment in decision making of individuals on the personal and company/business finances and business opportunities	2017-2019	Róbert Hanák	C	Yes	Yes – within CSPS SAS
2/0085/17	Cognitive limits of effective information processing and communication	2017-2020	Vladimíra Kurincová Čavojová	C	-	-
2/0057/17	Highest educational attainment and its impact on the transforming family and reproductive behavior of women in Slovakia	2017-2019	Branislav Šprocha	C	-	-
2/0070/18	Cognitive and social skills supporting decision making and the quality of performance of Emergency medical services crew members	2018-2021	Jitka Gurňáková	C	-	-
2/0048/18	Psychological aspects of adaptation to retirement	2018-2021	Peter Halama	C	-	-
2/0002/18	Institutional framework of Slovakia's economic development in the new phase of globalisation	2018-2021	Edita Nemcová	C	-	-
2/0093/18	A Commentary on the books of Nahum, Habakkuk, Zephaniah, Haggai	2018-2020	Miroslav Varšo	C	-	-
2/0068/19	Attitudes towards Migrants in the Socio-psychological Context	2019-2022	Miroslava Bozogáňová	C	-	-
2/0012/19	Reflection of Slovak national educational system in Hungary in the context of the present and other perspectives of its functioning	2019-2022	Mária Ďurkovská	C	Yes	-
2/0084/19	Luník IX - the past, present and future of the Roma ghetto	2019-2022	Ondrej Ficeri	C	Yes	-
2/0047/19	Cyrillical travelogue from the Journey to Florence. Attempt at a narrative.)	2019-2022	Anna Hlaváčová	C	-	-

2/0077/19	Work competencies in the context of Industry 4.0 development	2019-2021	Martina Porubčinová	C	Yes	-
2/0151/19	Benefits of Slovak migration	2019-2022	Martina Chrančoková	C	Yes	-
2/0057/20	Elementary and high schools in Slovakia in context of politics of Communist Party of Czechoslovakia during year 1948-1953.	2020-2022	Soňa Gabzdilová	C	-	-
2/0035/20	Cognitive and personality predictors of trust building	2020-2023	Matúš Grežo	C	-	-
2/0163/20	Migration on the Slovak territory since its foundation - the dynamics of migration flows with EU and OECD countries	2020-2023	Richard Heriban	C	-	-
2/0064/20	The continuing transformation of family and reproductive behaviour in Slovakia in temporal and spatial aspects	2020-2022	Branislav Šprocha	C	Yes	-
2/0186/21	Energy savings - opportunities and risks. Analyses for informed decision-making in the area of energy efficiency	2021-2024	Katarína Korytárová	C	-	Yes
2/0079/21	Causes and consequences of labour market inequalities in the context of the Corona pandemic in Slovakia	2021-2024	Lucia Mýtna Kureková	C	Yes	-
2/0065/21	Social and Psychological Correlates of Populist Attitudes	2021-2024	Ivana Piterová	C	Yes	-
2/0053/21	Examining unfounded beliefs about controversial social issues)	2021-2024	Jakub Šrol	C	-	-
2/0057/17	Fertility transformation of Slovak women in the 20th and early 21st century and its forecast to 2050	2014-2016	Branislav Šprocha	I	-	-
1/0212/15	Places of Memory of Košice II. (People and History)	2015-2019	Zlatica Sáposová	I	-	-
2/0168/16	East-West Dialogue in the 15th Century from the Perspective of Performance Studies. Reconstruction of theatrical performances on the basis of surviving textual and pictorial sources	2016-2018	Anna Hlaváčová	I	-	-
1/00113/17	Population and family policy in Slovakia in the 20th and 21st centuries	2017-2019	Branislav Šprocha	I	Yes	-

1/0316/19	Population exchange between Czechoslovakia and Hungary - facts and historical context in domestic and European politics	2019-2022	Zlatica Sáposová	I	-	-
1/0097/20	A little history of great actions : censuses and census actions in Slovakia, 1919-1950	2020-2022	Branislav Šprocha	I	Yes	-

YEAR	Funding	Number of VEGA projects
2016	102 309	15
2017	96 664	16
2018	96 531	15
2019	92 755	17
2020	93 911	18
2021	102 136	19

#### 2.4.5. List of projects supported by EU Structural Funds

Grant Number	Title of the project	Duration	Total funding in Eur	Funding for the Institute in Eur	Responsible person	Status in the project (C/W/I)	Interdisciplinary project (Yes/No)	Joint project with SAS institutes (Yes/No)
313011V446 (LISPER)	Integrative strategy in the development of personalized medicine of selected malignant cancer diseases and its effect on the quality of life	2020-2023	10 698 306,04	387 095,00	Denisa Fedáková	W	Yes	Yes
313011AFG5 (BIOFORD)	Systemic public research infrastructure - biobank for cancer and rare diseases	2020-2023	17 894 129,32	373 351,50	Denisa Fedáková	W	Yes	Yes



#### 2.4.6. List of other projects funded from national resources

Grant Number	Title of the project	Duration	Total funding in Eur	Funding for the Institute in Eur	Responsible person	Status in the project (C/W/I)	Interdisciplinary project (Yes/No)	Joint project with SAS institutes (Yes/No)
19-170-02166	Kultminor: Sites of memory with ethnic motive in public space	2019-2020	2 539	2 539	Klara Kohoutová	C	-	-
31/2018/3.1	MŽP SR: Underlying quantitative and qualitative analyzes and technical starting points for the preparation of the Action Plan for the implementation of the Strategy for the Adaptation of the Slovak Republic to the Adverse Consequences of Climate Change.	2018	120 000	120 000	Richard Filčák	C	-	-
166/2018/3.1	MŽP SR: Preparation of the draft Action Plan as an implementation document of the Strategy of Adaptation to Adverse Effects of the Climate Change in the Slovak Republic (AP NAS SR)	2019	125 000	125 000	Richard Filčák	C	-	-
58/2019	Office of the Deputy Prime Minister for Investments and Informatization: Evaluation progress in the implementation of the Partnership Agreement of the Slovak Republic as of 31 December 2018	2019	125 000	125 000	Richard Filčák	C	-	-
2020/372/431/03-PU	MH SR: Assessment of the effects of financial and non-financial assistance to SMEs provided through national projects implemented under the auspices of the Ministry of Economy of the Slovak Republic within the OP INTEGRATED INFRASTRUCTURE	2021	138 500	138 500	Miroslav Balog	C	-	-
MF/016079/2021	MŠVVaŠ SR: System program for complex knowledge and critical thinking in the form of experiential education	2021-2022	300 000	60 000	Vladimíra Kurincová-Čavojová	W	Yes	Yes

R9 ESS	ESS ERIC: European Social Survey (9. round)	2004-	208 300	208 300	Jozef Výrost (2016-2018), Denisa Fedáková, Michal Kentoš (2019 -)	C	Yes	-
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#### 2.4.7. List of projects funded from private funds

N/A

#### 2.4.8. List of projects funded from other competitive funds

Grant Number	Title of the project	Duration	Total funding in Eur	Funding for the Institute in Eur	Responsible person	Status in the project (C/W/I)	Interdisciplinary project (Yes/No)	Joint project with SAS institutes (Yes/No)
2021/ISS_SubContract/006	ESS Electronic questionnaire device	2021	10 850	10 850	Denisa Fedáková, Michal Kentoš	C	-	-
R9 Pilot Slovakia	European Social Survey Pilot Round 9 Slovakia	2017-2018	63 210	63 210	Michal Kentoš	C	Yes	-
APP0175	Online hate: research on hate speech (against migrants) on the Internet	2021	2 000	2 000	Jana Papcunová	C	Yes	-
APP0184	Exploring personality and social sources of epistemic unfounded beliefs	2021	2 000	2 000	Peter Teličák	C	-	-

## 2.5. PhD studies and educational activities

### 2.5.1. List of accredited programmes of doctoral studies, period of validity, source of funding

Accredited programmes in action:

- Social psychology and work psychology (since 2006)
- General and experimental psychology (since 2018)
- Public policy and public administration (since 2018)
- Economics and management (since 2021)

Closed accredited programmes:

- Spatial planning (till 2019)
- Slovak history (till 2020)

### 2.5.2. Summary table on doctoral studies (number of internal/external PhD students at the end of the year; number of foreign PhD students, number of students who successfully completed their theses during the year, number of PhD students who quit the programme during the year)

PhD study	2016			2017			2018			2019			2020			2021		
Number of potential PhD supervisors																		
PhD students	number, end of year	defended thesis	students quitted	number, end of year	defended thesis	students quitted	number, end of year	defended thesis	students quitted	number, end of year	defended thesis	students quitted	number, end of year	defended thesis	students quitted	number, end of year	defended thesis	students quitted
Internal total	14	8	0	16	3	0	15	4		16	5	0	16	5	0	16	3	2
from which foreign citizens	0			1			1			1			1			1		
External	6	0	0	5	1	0	4	1	0	2	2	0	0	0	0	0	0	0
Other supervised by the research employees of the institute																		

### 2.5.3. PhD carrier path – Information on the next career steps of the PhD graduates who received their degree from the institute

- **PhD graduates who were employed at the CSPS SAS (2016-2021) after completing their doctoral studies: (17)**

Marek Jurkovič, Jakub Šrol, Martin Sedlár, Matúš Grežo, Branislav Uhrecký, Zuzana Kaššaiová, Daša Vedejová, Miroslava Galasová, Ondrej Ficeri, Lucia Ištoňová, Klara Kohoutová, Lucia Heldáková, Ivana Piterová, Miroslava Gallová, Alexander Loziak, Dušana Dokupilová, Zuzana Polačková

- **PhD graduates who after completing their doctoral studies were employed in universities (in Slovak Republic or abroad) in period 2016-2021: (6)**

Robert Krause, Andrea Zelenková, Kožárová Zuzana, Poláková Lucia, Lipovská Radka, Tkáčová Marianna

- **PhD graduates who after completing their doctoral studies have been employed at other institutions - private sector or other public institutions etc. (at home or abroad) in period 2016-2021: (7)**

Matúš Konečný, Martin Furmanik, Martin Kráľ, Ondrej Ivan, Miroslava Kopaničáková, Juraj Martonyik, Ivan Schmidt

- **PhD graduates who after promoting at SAS obtained a higher qualification level (senior researcher/IIa) in period 2016–2021: (5)**

Mária Ďurkovská, Ondrej Ficeri, Veronika Szeghy-Gayer, Jakub Šrol, Matúš Grežo

Within the evaluated period 15 PhD students were employed in CSPS SAS after completing their PhD studies. 6 PhD graduates were employed in universities or primary/secondary schools (as teachers or school psychologists). 7 PhD graduates started working in the private sector or state institutions (children's home, public museum, etc.)

#### 2.5.4. Summary table on educational activities

Teaching	2016	2017	2018	2019	2020	2021
Lectures (hours/year)*	1045	856	737	769	463	501
Practicum courses (hours/year)*	501	752	551	327	661	396
Supervised diploma and bachelor thesis (in total)	92	99	111	86	54	40
Members in PhD committees (in total)	11	12	10	7	7	5
Members in DrSc. committees (in total)	3	2	1	1	3	0
Members in university/faculty councils (in total)	23	21	21	16	16	14
Members in habilitation/inauguration committees (in total)	3	3	3	4	3	3

#### 2.5.5. List of published university textbooks

[1] DOBEŠ, Marek. Základy dynamiky nervového systému C. Elegans [Basics of nervous system dynamics]. Košice : Spoločenskovedný ústav CSPV SAV, 2017. 45 s. ISBN 978-80-89524-24-2

[2] DOBIÁŠ, Viliam ..... GURŇÁKOVÁ, Jitka..., VESELÁ, Katarína. Urgentná medicína : prednemocničná, nemocničná, pre dospelých a deti. [Emergency medicine: pre-hospital, hospital, for adults and children]. Martin : Vydavateľstvo Osveta, 2021, s. 1037-1057. ISBN 978-80-8063-499-5.

[3] VÝROST, Jozef - SLAMĚNÍK, Ivan - SOLLÁROVÁ, Eva. Sociální psychologie : teorie, metody, aplikace. [Social psychology: theory, methods, applications]. Praha : Grada, 2019, s. 760. ISBN 978-80-247-5775-9.

#### 2.5.6. Number of published academic course books

N/A

#### 2.5.7. List of joint research laboratories/facilities with universities

- Training programme “PODNIKNI NIEČO!” (DO SOMETHING!) ran at University Counseling Centre (University of Pavol Jozef Šafárik in Košice) in 2017 and 2018. It was coordinated by Centre of Social and Psychological Sciences (PhD. student Zuzana Kožárová and her supervisor Denisa Fedáková). Training programme DO SOMETHING! consisted of several modules during which students met with entrepreneurs and discussed their ideas with them. They also learned about the financial and legal aspects of entrepreneurship in Slovakia, created a business plan and finally presented it to entrepreneurs who gave them "feedback". In this way, participants developed a startup idea, which allowed them to move more flexibly at the labor market and found it easier to apply. The coordinator, Zuzana Kožárová, was awarded The National Career Guidance Award for this project by Euroguidance 2018. The programme brochure is available here: <https://unibook.upjs.sk/img/cms/2021/podnikni-nieco.pdf>.

#### 2.5.8. Supplementary information and/or comments on doctoral studies and educational activities – focused on what changes have occurred since the last evaluation in 2016

During the evaluated period, the CSPA established three new agreements with universities and started new PhD programs in cooperation with Faculty of Arts, Trnava University (programme: general and experimental psychology) and Faculty of Social and Economic Sciences, Comenius University (programme: public politics) and Faculty of National Economy (programme: economy and management).

Moreover, a new strategy for enhancing the quality of PhD studies was adopted. It focuses on the quality of all agents involved in the process of PhD. studies: garant, tutor and student. The content of the strategy is available at the CSPA website.

As a partner institution in the project Horizon 2020 “UrbanHist: History of European Urbanism in the 20th Century” (Marie Skłodowska-Curie grant agreement), CSPA was involved in the process of doctoral candidates preparation. **Jovana Janinović from Montenegro**, was a PhD student under the supervision of prof. Štefan Šutaj with a research project called “Institutionalised historical memory and the city”. In 2017 our Centre organised in Košice a joint meeting of PhD students from the project UrbanHist (students from Poland, France, Montenegro and Czech Republic) and PhD students of our Centre. In the period from October 1, 2018 to December 30, 2018, two PhD students - **Aliksander Shuba from Belarus** (*research project: The historiography of European urbanism in the 20th century*) and **Federico Camerin from Italy** (*research project: Urban Heritage Planning, its Relations to Real-Estate, Economic and Social Models in 20th Century*) implemented their research stay at the Centre in Košice.

#### Internship of foreign students and researchers at the Centre during 2016 - 2021:

In the period from 1.2.2018 to 30.7.2018, **Justyna Plachetka**, a doctoral student at the University of Social Sciences and Humanities in Wroclaw, Poland, implemented the research stay at CSPS SAS. Her stay was funded through the National Scholarship program of the Slovak Republic. During her stay, she collected cross-cultural data for her own dissertation on the topic of psychological aspects of voice modulation and under the guidance of Jitka Gurňáková, she participated in research on the naturalistic decision-making of paramedics.

In the period from 16.3.2018 to 31.5.2018 **Andrea Krassimirova Vushkova**, a student of the Bulgarian University st. Kliment Ohridski in Sofia, implemented a research stay in the Centre. She carried out her research under the guidance of a researcher Vladimira Kurincová Čavojová, with the topic of reducing the inclination for self-affirmation. The stay was financed through the Erasmus exchange program subprogram Students Mobility for Traineeships.

**Ivan Zhyhal**, a student of the Belarusian State University in Minsk implemented his research stay in the Centre in the period from November 1, 2019 to June 30, 2020. He carried out his research under the guidance of Zlatica Sáposová, with the topic "Comparative Study of Commemorative Practices of Slovakia's and Transylvania's Hungarians in the Interwar Period". His stay was funded through the National Scholarship programme of the Slovak Republic.

**Viktória Sergienko**, a researcher from the National Academy of Sciences of Ukraine, implemented her research stay in the Centre through SAIA in the period from February 1, 2017 to July, 31, 2017. She carried out her research under the guidance of a historian Stanislav Konečný, with the topic "Russophile and Ukrainianophile organizations in eastern Slovakia in 1918 - 1939: confrontation or mutual influence?".

#### Internships of Centre's students and young researchers abroad during 2016 - 2021:

**Ondrej Ficeri** - as a PhD student he implemented his Visegrad Scholarship at Eötvös Loránd University in Budapest in year 2016 for 5 months.

**Miroslava Galová** - as a PhD student she implemented her Erasmus+ student mobility program at National Archive in Prague in year 2018 for 3 months.

**Magdalena Adamus** - Postdoctoral Fellowships - Marie Skłodowska-Curie Actions Gender and risk-taking: the role of social and situational antecedents on performance in risk-related tasks.; MUEEL lab, Masaryk University in Brno, september 2019 - august 2021

**Jana Bašňáková** - postdoctoral fellowship at Donders Centre for Cognitive Neuroimaging, Radboud Universiteit, Nijmegen, The Netherlands (2019-2023).

During the evaluated period the Centre hosted several delegations of researchers from Japan, Norway, Ukraine, Czech Republic, Poland and Hungary.

## 2.6. Societal impact

**2.6.1. The most important case studies of the research with direct societal impact, max. 4 for institute with up to 50 FTE researchers, 8 for institutes with 50 – 100 FTE researchers and so on. Structure: Summary of the impact; Underpinning research; References to the research; Details of the impact; Sources to corroborate the impact. One page per one case study**

**NOTE: When filling in the accreditation questionnaire we strongly followed the recommendations for the max. number of pages/examples, pieces of research. However, with the average number of 48 FTE and with presenting the results of three institutes it was not always applicable. Thank you for understanding.**

### Epistemically suspect beliefs: From the fringe to the mainstream

- *Summary of the impact:* Our research on epistemically suspect beliefs (ESBs) started in 2015 and since then it has gained momentum and visibility among the scientific community and wider public. We organised and were invited to several talks with the general public, and have published books and leaflets (Open Academy). We created several measurement tools that are used by the Slovak scientific community and established the research of epistemically suspect beliefs and bullshit, as well as their cognitive predictors, firmly in the Slovak setting. Moreover, since the start of the pandemic in early 2020 it has become clear that ESBs are not limited to the fringes of society (and research), but to the mainstream, and our work has gradually gained a lot of attention from the media and policy-makers.
- *Underpinning research:* Our work is rooted in the study of rationality and newer dual-process models (e.g. Stanovich, 2011; de Neys & Pennycook, 2019). First of all, we focused on identifying the best way to measure ESBs. Usually, these consist of three types of beliefs: belief in conspiracy theories, paranormal beliefs, and pseudo-scientific beliefs, which up until only recently (Lobato et al., 2014) have been studied separately. We developed and published several new instruments to study culturally specific conspiracy beliefs (Ballová Mikušková, 2018) and all three types of ESBs (Halama, 2019), and our research group was among the first to study cognitive predictors of all three types of ESBs (Čavojová et al., 2020; Šrol, 2022). These studies contributed to our understanding that scientific reasoning predicted the endorsement of ESBs over and above analytical thinking and may represent an important protective factor against unfounded beliefs (Čavojová et al., 2020). The main contribution of our theoretical findings emerged after the onset of the pandemic in early 2020. We were able to utilize our previous knowledge and create a new measure of ESBs regarding COVID-19 (mostly conspiracy theories and pseudo-scientific beliefs) and not only verified the existential threat model of endorsement of conspiracy theories (Šrol et al., 2021) but also pointed to various health (Čavojová et al., 2022) and social consequences (Šrol et al., 2022) of holding these kinds of unfounded beliefs.

#### *References to the research:*

BALLOVÁ MIKUŠKOVÁ, Eva. Conspiracy Beliefs of Future Teachers. In *Current Psychology*, 2018, vol. 37, no. 3, p. 692-701. (2017: 1.280 - IF, Q3 - JCR, 0.400 - SJR, Q3 - SJR, karentované - CCC). (2018 - Current Contents). ISSN 1046-1310. Dostupné na: <https://doi.org/10.1007/s12144-017-9561-4> Typ: ADCA

BALLOVÁ MIKUŠKOVÁ, Eva - KURINCOVÁ ČAVOJOVÁ, Vladimíra. The Effect of Analytic Cognitive Style on Credulity. In *Frontiers in Psychology*, 2020, vol. 11, no. 584424, p. 2682. (2019: 2.067 - IF, Q2 - JCR, 0.914 - SJR, Q1 - SJR, karentované - CCC). (2020 - Current Contents). ISSN 1664-1078. Dostupné na: <https://doi.org/10.3389/fpsyg.2020.584424> Typ: ADCA

ČAVOJOVÁ, Vladimíra - ERSOY, Selin. The role of scientific reasoning and religious beliefs in use of complementary and alternative medicine. In *Journal of Public Health*, 2020, vol. 42, no. 3, p. e239-e248. (2019: 1.806 - IF, Q2 - JCR, 0.812 - SJR, Q2 - SJR, karentované - CCC). (2020 - Current Contents). ISSN 1741-3842. Dostupné na: <https://doi.org/10.1093/pubmed/fdz120> Typ: ADCA

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HALAMA, Peter. Konštrukcia a psychometrické vlastnosti škály epistemologicky nepodložených presvedčení = Construction and psychometric properties of the epistemologically unfounded beliefs scale. In *Sociálne procesy a osobnosť 2018 : zborník príspevkov*. Editori: Ivana Piterová, Jozef Výrost ; recenzenti: Magdalena Adamus, Eva Ballová Mikušková, Marek Blatný. - Košice : Spoločenskovedný ústav CSPV SAV, 2019, s. 124-133. ISBN 978-80-89524-40-2. (Sociálne procesy a osobnosť 2018 : Zborník príspevkov z medzinárodnej konferencie) Typ: AFD

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#### *Details of the impact:*

RECOGNIZING RELIABLE INFORMATION – Educating public about recognizing reliable information from disinformation and understanding the innate biases of our minds that lead to inclination to accept disinformation and unfounded beliefs, especially when they fit people’s preexisting beliefs and biases. Our pre-pandemic results had a societal impact in the form of early recommendations on how to distinguish disinformation and hoaxes about COVID-19 that were published on our website early in the pandemic and this has led to a series of interviews and media coverage with more general advice regarding pseudoscientific practices and informational literacy. (Our media presence doubled in 2020-2021 in comparison with the previous period.)

EDUCATION – Many of our popularization efforts lead to collaboration with educators and NGOs focusing on educating critical thinking. We gave several lectures and workshops in secondary schools, introducing science to younger children (All4Science, Vedecký brloh, etc.), summer festivals (Drienok, Pohoda), or general public. We were invited by Edulab NGO to participate in creating their online course “Critical Thinking”, which has become one of the most successful online courses.

RESPONSIBLE SHARING OF INFORMATION – Our expertise was also used in the campaign of telecommunication operator O2 during summer 2021 “Use data responsibly: Bring back reason to internet”: <https://datujzodpovedne.o2.sk/>. We participated in creating the short quiz measuring whether people can recognize disinformation. Similarly, we were invited to another project by NGO Vivat Vero, which was developing an online tool Antivýtrus to mark suspicious information.

OPEN SCIENCE – All our scientific findings as well as the whole materials and data sets were shared at public websites for pre-prints and at Open Science Framework (osf.io). This helped to spread our visibility also in the international scientific community and lead to receiving invitations for collaborations.

#### *Sources to corroborate the impact:*

- Online course of critical thinking. <https://akademia.edulab.sk/course/kurz-kriticke-myslenie>
- Ad campaign for responsible sharing of information on the internet. <https://datujzodpovedne.o2.sk/>
- VALUŠ, L. popularisation lecture at the festival Fraj, Rimavská Sobota ([https://www.facebook.com/permalink.php?id=134467809912101&story\\_fbid=3383371925021657](https://www.facebook.com/permalink.php?id=134467809912101&story_fbid=3383371925021657))
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- Kostovičová, L. 6.3.2018. lecture for the public at Café Sládkovič, Trenčín: How to make better decisions?
- J. Šrol: Why people believe bullshit? 5.11.2018 popularisation lecture for the public during Week of science and technology. [http://www.tyzdenvedy.sk/buxus/generate\\_page.php?page\\_id=12154](http://www.tyzdenvedy.sk/buxus/generate_page.php?page_id=12154)



- Bašňáková, J & Čavojová, V.: *What makes a good story? (How to recognize fake news from real news)*, 26.11.2018. Lecture at Gymnázium Vazovova within cycle Youth against racism with collaboration with the NGO Spoločnosť poznania.
- Bašňáková, J, Dudeková, k., & Kostovičová, L. *Scientific den: In our head: Secret life of our brain*. 20.1.2018 Elektrárne Piešťany. <https://www.facebook.com/events/1980144932198327/>
- V. Čavojová, 6.12.2018 HubHub, Bratislava. Discussion about Nudging or Manipulation?. <https://www.facebook.com/events/394704211271748/>
- Čavojová, V. & Bašňáková, J.: *Cognitive limits of effective information processing and communication*. 9.10.2018. Seminar for cognitive science. <http://cogsci.fmph.uniba.sk/seminar/>
- Kostovičová, L.: *Debiasing: improving judgments and choices*. 23.10.2018. Seminar for cognitive science. <http://cogsci.fmph.uniba.sk/seminar/>
- Kostovičová, L. (2018). *12 steps to better decisions. Discussion at Amesa – illusions and biases in decision-making*. 8.8.2018 Nová Cvernovka. <https://www.facebook.com/events/437213843465760/>
- Kostovičová, Lenka. *In our head: Secret life of our brain. Interactive workshop for children - Vedecký brloh. Výmenník Obrody, Košice*, 21.10.2017. <https://www.facebook.com/events/117509752267152/>
- Čavojová, Vladimíra. *Can we rely on our intuition? Talk na TED-X v Trenčíne*, 30.9.2017.
- *Open Academy leaflet: Rumours, conspiracy theories and disinformation from the perspective of social sciences*: <https://indd.adobe.com/view/181b67bb-0047-40ce-9e13-18c17d5b39be>

## Scientific reasoning as protection against disinformation

- *Summary of the impact*: Scientific reasoning was shown to represent a protective factor against various kinds of ESBs (Čavojová et al., 2020), but focusing on its enhancement is a rather long-term endeavor. However, based on our research activities, we were able to form partnerships with other organizations that promote scientific literacy and engagement in science among school-age children, and thus get results-based practices among a wider public.
- *Underpinning research*: Scientific reasoning is one of the components of scientific literacy (together with science knowledge and attitudes to science), but until recently, it received little attention as the majority of research focuses on scientific knowledge or trust in science. Our research validated a new measure of scientific reasoning on a sample of Slovak adults (Bašňáková et al., 2021). Moreover, we also verified the assumption that when faced with real-life scientific problems, people do not necessarily apply decontextualized knowledge of methodological principles, but reason from the bottom up, i.e. by predominantly relying on heuristics based on what they already know or believe about the topic. Our results enabled an important insight into how people who are “naive” to the scientific method solve problems that require scientific reasoning. We were also able to show that scientific reasoning skills predict people’s susceptibility to ESBs and cognitive biases (Čavojová et al., 2020). Most importantly, scientific reasoning is a significant predictor, contributing to susceptibility to both cognitive biases and ESBs over and above all the other cognitive predictors. Also during the pandemic, scientific reasoning was a better predictor of COVID-19 related ESBs than analytical thinking, but the lack of a clear pattern of correlations with the actual health behavior suggested that it serves as a protective factor against acquiring unsubstantiated beliefs, which seem to be the strongest predictor of less than recommended health practices (Čavojová & Ersoy, 2020). These results provided the first empirical evidence that scientific reasoning ability is an important factor in protecting against ESBs and in aiding better decision-making among the non-scientific population.

### References to the research:

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1.806 - IF, Q2 - JCR, 0.812 - SJR, Q2 - SJR, karentované - CCC). (2020 - Current Contents). ISSN 1741-3842. Dostupné na: <https://doi.org/10.1093/pubmed/fdz120> Citation: 1

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ČAVOJOVÁ, Vladimíra - ŠROL, Jakub - ADAMUS, Magdalena. My point is valid, yours is not: my side bias in reasoning about abortion. In *Journal of Cognitive Psychology*, 2018, vol. 30, iss. 7, p. 656-669. (2017: 1.378 - IF, Q4 - JCR, 0.874 - SJR, Q2 - SJR, karentované - CCC). (2018 - Current Contents). ISSN 2044-5911. Dostupné na: <https://doi.org/10.1080/20445911.2018.1518961> (11 citations)

#### *Details of the impact:*

**INTERDISCIPLINARY COLLABORATION** – One of the practical impacts of our research on scientific reasoning has been starting of the collaboration with other institutes at the Slovak Academy of Sciences, as well as outside the academia. We joined the project “Find the scientist in yourself” organized by six institutes of the Slovak Academy of Sciences (Institute of Materials and Machine Mechanics, Polymer Institute, Institute of Chemistry, Institute for Heart Research, Institute of Experimental Pharmacology & Toxicology - Centre of Experimental Medicine SAS). We were mostly responsible mostly for evaluating the effects of the project activities on the scientific reasoning and attitudes to the science of the pupils that engaged in the project.

**EDUCATION** – Our work has led to several outreaching activities, such as participating in the Science summer school organized by All4Science, collaborating with Edulab (educational NGO) on creating Phenomena of the World (Part: Human) and Edulab Academy (course of critical thinking for the teachers), and several lectures and debates for and with the public.

**CREATIVE SCIENCE** – Together with the partners from the six institutes of SAS, we applied for funding for our project Systematic program for complex knowledge and critical thinking by experiential learning of science that in 2021 received funding from the Ministry of Education, Science, Research, and Sport of the Slovak Republic. The results of this project will have direct effects on the education of elementary school children in science subjects (physics, technical education, biology, and chemistry) and are presented under the label “Creative science” ([kreativnaveda.sk](http://kreativnaveda.sk)).

#### *Sources to corroborate the impact:*

- We were invited to talk about science in Science in a theater (*Prnová & Čavojová, štúdio 12, Bratislava, 25.9.2019*): [https://www.youtube.com/watch?v=IWcBCw4Gx40&feature=youtu.be&fbclid=IwAR1O1za7pbraoMQ5KB2zU80\\_PBLcFpEeWuCPPRYzAMoC4QNTEY9G1j4NDk4](https://www.youtube.com/watch?v=IWcBCw4Gx40&feature=youtu.be&fbclid=IwAR1O1za7pbraoMQ5KB2zU80_PBLcFpEeWuCPPRYzAMoC4QNTEY9G1j4NDk4)
- The importance of scientific reasoning and lack of it in the forming of pseudoscientific beliefs was realized by the organizers of the alternative music festival Drienok, where we were invited to give a talk (*Čavojová & Jurkovič, Mošovce, 28.6.2019*)
- We gave a lecture for the general public about How is it helpful in real life when we think like scientists? during the Week of Science and Technology (*Čavojová & Bašňáková, Bratislava, 6.11.2017*), [http://www.tyzdenvedy.sk/buxus/generate\\_page.php?page\\_id=11090](http://www.tyzdenvedy.sk/buxus/generate_page.php?page_id=11090)
- Collaboration on the project “Find a scientist in yourself” since 2018. [https://www.sav.sk/index.php?doc=services-news&source\\_no=20&news\\_no=7488/7488](https://www.sav.sk/index.php?doc=services-news&source_no=20&news_no=7488/7488)
- [https://www.sav.sk/index.php?lang=sk&doc=services-news&source\\_no=20&news\\_no=8208&fbclid=IwAR23sW9p2AwOOEEG6yuwA0GqjK3qHoKMMtbXelh3Bo2njUy0rwF7vl4akVo](https://www.sav.sk/index.php?lang=sk&doc=services-news&source_no=20&news_no=8208&fbclid=IwAR23sW9p2AwOOEEG6yuwA0GqjK3qHoKMMtbXelh3Bo2njUy0rwF7vl4akVo)
- We wrote several blogs and gave interviews about our research: <https://dennikn.sk/blog/1439665/nakolkodoverujeme-vede/> [https://dennikn.sk/1566972/horoskopy-duchovia-ci-homeopatia-vedci-skumali-ako-vedecke-myslenie-chrani-pred-nezmyslami/?cst=26c88d1a7563f8740bf83e4dba58264ce1b2e438&fbclid=IwAR2FmnCVQ6FxFxSTWGWWSb\\_J\\_gHeQ5XUbGUmR52rENRoRAX3uCk5ijJbKZ0CU](https://dennikn.sk/1566972/horoskopy-duchovia-ci-homeopatia-vedci-skumali-ako-vedecke-myslenie-chrani-pred-nezmyslami/?cst=26c88d1a7563f8740bf83e4dba58264ce1b2e438&fbclid=IwAR2FmnCVQ6FxFxSTWGWWSb_J_gHeQ5XUbGUmR52rENRoRAX3uCk5ijJbKZ0CU)

- Invited lecture STRACHANOVÁ, D. "Think and know as a scientist." as part of the festival Zone without money, 30.11.2019, Hurbanovo.
- There were several tweets and posts about our research projects and results: Peter Ayton, @Thruthal, Aug 21, 2019: Scientific reasoning skills predict susceptibility to epistemically suspect beliefs over and above cognitive ability. Paper by @VCavojova #spudm #spudm2019

## Measuring social attitudes and changes in Europe - European Social Survey

- *Summary of the impact:* The European Social Survey (ESS) is an international survey that has been conducted every two years in more than 30 European countries since 2001. The National ESS team (CSPS team) has been coordinating the ESS activities in Slovakia since 2004. The main objectives are: 1) to monitor stability and changes in the social structure, living conditions and attitudes of Europeans and to interpret the social, political and value transformations of Europe's population; 2) to provide validated indicators of development at national level, based on citizens' views on key elements of society; 3) to achieve and disseminate higher methodological standards of research in international social science, concerning, for example, questionnaire design and pre-testing, sampling of respondents, data collection, reliability of questions and reduction of bias; 4) to undertake and support the training of social researchers in international quantitative measurement and analysis; 5) to promote data and their impact on social change among academics, policy makers and the wider public. In 2013, ESS became a European Research Infrastructure Consortium (ERIC) as an excellent science project. The Slovak Republic has been a full member of the ESS ERIC Consortium since 2018.
- *Underpinning research:* Every two years, empirical data collection is carried out on representative samples of the populations of the participating countries using a standard methodology of about 300 questions, which consists of two parts: 1.) the core module contains items that are steadily repeated in order to analyze trends; 2.) the rotating modules are specific and their inclusion in the questionnaire is decided by the project's scientific board in a competition of international teams. The ESS topics cover a wide range of issues, such as civic participation and the perception of democracy, family and working life, personal and social well-being, attitudes towards ageing, trust in social institutions, and attitudes towards climate change. The databases of the ESS rounds that were carried out are freely accessible to all interested parties. During the evaluated period the CSPS team produced and delivered a Slovak representative dataset for Round 9 and coordinated fieldwork for Round 10. Undertaking ESS Round 10 in Slovakia has been very challenging due to the pandemic. Slovakia was one of the few countries to conduct face-to-face research despite the limitations associated with Covid-19.

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FEDÁKOVÁ, Denisa. What does European Social Survey data say about work-life balance satisfaction, working time and work attachment in V4 countries? In *Človek a spoločnosť : internetový časopis pre pôvodné teoretické a výskumné štúdie z oblasti spoločenských vied [elektronický seriál]*, 2017, roč. 20, č. 4, s. 70-79.

PITEROVÁ, Ivana. Hodnoty ako prediktory postojev k sociálnemu zabezpečeniu = Human values as predictors of attitudes to social security. In *Sociální procesy a osobnost 2017 : Sborník příspěvků mezinárodní konference*. Editoři: Marek Blatný, Martin Jelínek, Petr Květon, Dalibor Vobořil. Recenzenti: Marek Blatný, Miroslava Bozogáňová, Iva Burešová, Oleg Czop a další. - Brno : Psychologický ústav AV ČR, v.v.i, 2018, s. 302-308. ISBN 978-80-86174-22-8.

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FEDÁKOVÁ, Denisa - VEIRA-RAMOS, Alberto. Job security across Europe: Predictors of subjective job security in Northern, Southern, and Central European Countries. In *Intersections East European Journal of Society and Politics*, 2019, vol. 5, no. 1, p. 100-117.

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Európska sociálna sonda : 9. kolo na Slovensku = ESS Round 9 in Slovakia. Editori: Denisa Fedáková, Michal Kentoš ; recenzenti: Tomáš Sollár, Tomáš Urbánek. Košice : Spoločenskovedný ústav CSPV SAV, 2020. 158 s. Dostupné na: <https://doi.org/10.31577/2020.978-80-89524-52-5>. ISBN 978-80-89524-52-5

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#### *Details of the impact:*

The ESS data is available free of charge for non-commercial use and can be downloaded from the ESS website. The ESS is primarily intended for the academic community. However, ESS data are also used by the European Commission, the European Parliament, the governments of the participating countries, Eurostat and the countries' statistical offices as a source of information for policy formulation at different levels of government. The ESS has a knowledge transfer programme directly to policy makers and has held seminars at the European Parliament, some national parliaments, the OECD, the European Commission and other institutions.

#### *Sources to corroborate the impact:*

Thematic issues of each ESS Round facilitate further utilisation of the data by scholars, as well as decision makers in creation of social policies. At the same time, they provide reliable sources for the media. According to the latest update the number of registered users in Slovakia up to January 2022 reached 552.

In the evaluated period there were several PhD thesis at CSPS successfully defended analyzing the ESS datasets:

in 2021: Attitudes toward migrants in multinational context

in 2020: The correlation of value orientations and ethnic attitudes

in 2019: Social and personal factors of attitudes towards social security

In 2017: Social and personal contexts of citizens' trust in social institutions

in 2016: Perception of safety as an indicator of quality of life.

#### ESS outcomes in national media:

Are you also afraid to talk to your boss about your salary? Talking about money is taboo for Slovaks. (Michal Kentoš <https://dennikn.sk/957778/aj-vy-mate-strach-hovorit-so-sefom-o-svojom-plate-hovorit-o-peniach-je-pre-slovakov-tabu/>)

There were several posts about our research projects and results:

- EUROPEAN SOCIAL SURVEY: TWO NEWS TO CHEER Denisa Fedáková [https://www.sav.sk/?lang=sk&doc=services-news&source\\_no=20&news\\_no=8915](https://www.sav.sk/?lang=sk&doc=services-news&source_no=20&news_no=8915) 15.6.2020
- SLOVAKIA RANKS SECOND TO LAST IN EUROPE IN INTERNET USAGE Alexander Loziak [https://www.sav.sk/index.php?lang=sk&doc=services-news&source\\_no=20&news\\_no=10185](https://www.sav.sk/index.php?lang=sk&doc=services-news&source_no=20&news_no=10185) 18.2.2022
- Attitudes towards migration in Slovakia Miroslava Bozogáňová, Ivana Piterová [https://www.sav.sk/?lang=sk&doc=services-news&source\\_no=20&news\\_no=10184](https://www.sav.sk/?lang=sk&doc=services-news&source_no=20&news_no=10184) 18.2.2022
- Lectures for the students and general public during Night of the scientist and the Week of Science and Technology:
- Prosocial behavior Miroslava Bozogáňová, Jana Papcunová <https://www.nocvyskumnikov.sk/> 27.11.2020
- Free speech vs. hate speech Miroslava Bozogáňová, Jana Papcunová [https://www.tyzdenvedy.sk/buxus/generate\\_page.php?page\\_id=14637](https://www.tyzdenvedy.sk/buxus/generate_page.php?page_id=14637) 13.11.2020 12.11.2021

### Mine closure and decarbonisation at Upper Nitra, Slovakia

- *Summary of the impact:* The political debate on the cost and benefits of the coal mining in Upper Nitra has been going on with various intensity from the early 1990s, when economic transformation from a centrally planned economy for free market began. The decision to phase out coal mining in Upper Nitra has been made in 2018 and the mine will be definitely closed in 2023. The discussion is now focused on policies, activities and steps in the transition. CSPS has been involved in the process from 2018 in various research capacities focused on social and economic aspects of the transformation. From 2020 is CSPS part of an international project supported by H2020 "Aspects of the social sciences and humanities in the transition to clean energy" and focuses on "the challenges facing carbon-intensive regions." multi-context framework: 1) decarbonisation policies; 2) ongoing processes of de-territorialisation; and 3) the territorial dimension of the transition to clean energy. The following contextual elements defined in the project will then provide data and information for the interpretation of the main research questions: a) The risks of coal closure and transformation of regions with a high share of carbon consumption can have different impacts. Along with these processes, conflicts also emerge, shifting from the local to the national and European levels and vice versa.
- *Underpinning research:* The main focus of the project is the analysis of these conflicts and the negotiation processes that concern them, as well as the context of public policies and political culture shaping the course and intensity of conflicts; (b) The challenges facing coal and carbon-intensive regions are being examined on the basis of an ongoing process at territorial level. Another line of project implementation is to identify deterritorialization factors operating in different coal and carbon-intensive regions and to analyze and explain their dynamics and interactions; c) The transition to clean energy cannot be understood only as a technological change or an industrial shift and must therefore be analyzed as a socio-economic-psychological process affecting the lives of local communities. In this regard, the project aims to study process management strategies from a wide range of perspectives: a multidimensional perspective combining different disciplinary frameworks; comparative perspective, elaboration of a comprehensive set of case studies; a multilevel perspective involving various key actors at territorial, regional, national, European and global levels. Each of these strategies will be developed in a specific research segment: Theoretical Area, Analytical Part and Proactive Area.

#### References to the research:

FILČÁK, Richard - BALÁŽ, Vladimír - JECK, Tomáš. Coal Region in Transition : energy, jobs, and wealth in Horná Nitra, Slovakia. Recenzenti: Miroslav Balog, Daniel Škobla. Bratislava : Centre of Social and Psychological Sciences - Institute of Forecasting SAS, 2018. 90 s. Preložené pod názvom: Uhoľný región v prechode : energia, práca a rozvoj na Hornej Nitre. - Bratislava : Centrum spoločenských a psychologických vied - Prognostický ústav SAV, 2018. ISBN 978-80-89524-26-6. ISBN 978-80-89524-27-3 (VEGA č. 2/0089/15 : Metodológia a hodnotenie impaktov kohéznych politík na marginalizované rómske komunity: Analýza výsledkov a prognózy ďalšieho vývoja.

COST Action CA16232 : Energetická chudoba v Európe: Spoluvytváranie agendy a vedomostných inovácií) Typ: AAB

FILČÁK, Richard - JECK, Tomáš. The Potential and Challenges of Socially Sensitive, Low-Carbon Regional Transition : the Case of Small and Medium Enterprises in Upper Nitra. Reviewers: Ľubica Kotorová Slušná, Daniel Škobla. Bratislava : Centre of Social and Psychological Sciences, 2020. 110 p. Preložené pod názvom: Potenciál a výzvy pre sociálne senzitivnu, nízko-uhlíkovú regionálnu transformáciu: malé a stredné podnikanie na Hornej Nitre. - Bratislava : Centrum spoločenských a psychologických vied SAV, 2020. ISBN 978-80-89524-44-0 (APVV-17-0141 : Analýza bariér prístupu k pracovným príležitostiam pre marginalizované skupiny obyvateľstva: Vybrané regióny Slovenska v sociálno-ekonomickej, geografickej a sociálno-antropologickej perspektíve) Typ: AAB

BALÁŽ, Vladimír - NEŽINSKÝ, Eduard - JECK, Tomáš - FILČÁK, Richard. Energy and Emission Efficiency of the Slovak Regions. In Sustainability, 2020, vol. 12, no. 7, art. no. 2611. (2019: 2.576 - IF, Q2 - JCR, 0.581 - SJR, Q2 - SJR, karentované - CCC). (2020 - Current Contents). ISSN 2071-1050. Dostupné na: <https://doi.org/10.3390/su12072611> (VEGA č. 2/0002/18 : Inštitucionálne rámce ekonomického rozvoja SR v novej etape globalizácie. VEGA č. 2/0097/19 : Hodnotenie a predikcia vývoja slovenskej ekonomiky v kontexte (dez)integračných tendencií v EÚ) Typ: ADCA

FILČÁK, Richard. Moderate Political Climate Ambitions in Spite of the Increasingly Growing Public Support for Actions. In Climate ambition beyond emission numbers : taking stock of progress by looking inside countries and sectors. - Paris : Deep Decarbonization Pathways (DDP) Initiative-IDDRI, 2021, p. 135-138. Dostupné na internete: [https://www.iddri.org/sites/default/files/PDF/Publications/Catalogue%20iddri/Rapport/DDP\\_beyond%20emissions%20report.pdf](https://www.iddri.org/sites/default/files/PDF/Publications/Catalogue%20iddri/Rapport/DDP_beyond%20emissions%20report.pdf) Typ: GAI

BALÁŽ, Vladimír - DOKUPILOVÁ, Dušana - FILČÁK, Richard. Participatory multi-criteria methods for adaptation to climate change. In Mitigation and Adaptation Strategies for Global Change : an international journal devoted to scientific, engineering, socio-economic and policy responses to environmental change, 2021, vol. 26, no. 4, art. no. 15. (2020: 3.583 - IF, Q2 - JCR, 0.994 - SJR, Q1 - SJR, karentované - CCC). (2021 - Current Contents). ISSN 1381-2386. Dostupné na: <https://doi.org/10.1007/s11027-021-09955-4> (VEGA č. 2/0002/18 : Inštitucionálne rámce ekonomického rozvoja SR v novej etape globalizácie) Typ: ADCA

#### *Details of the impact:*

The CSPS has been actively involved in decarbonisation strategies debates with the Ministry of Regional Development and Investments. Our reports were used in the development of the Action Plan for Transformation of the Upper Nitra Region adopted by the Slovak government. As part of the research, 2 research reports were prepared in 2021 (socio-economic analysis of the Upper Nitra and Socio-political analysis of the decarbonization transformation process). The first outputs of the project were also used in economic practice in cooperation with the decision-making sector.

Authors of the reports were involved in the development of Operational Programme Slovakia, the main strategic document for planning and distribution of the European Structural and Investments Funds and in the planning process focused on capacity building of key stakeholders in Upper Nitra.

### **Luník IX – genesis and social reproduction of the Roma ghetto**

- *Summary of the impact:* Our research on the genesis and social reproduction of the Roma ghetto Luník IX (Košice, Slovakia) began a gradual process of de-stigmatization of this racially segregated urban district which in the course of its existence became a metonym for the failed Roma assimilation and anti-Roma sentiment in Slovakia and beyond. We organized a series of presentations for governing bodies and the general audience at which we stressed the nature of structural racism as a primary cause of the Roma discrimination throughout the European continent. We promoted public activities taking place directly in the public space of the district, creating a sense of mutual belonging with segregated inhabitants. At the same time, we reported on the significance of the district in the domestic as well as foreign public discourse, e. g. during the visit of Pope Francis (2021), as the district represents a symbol of racial conflict, prejudices and social inequality.
- *Underpinning research:* Despite being a frequently debated phenomenon of domestic as well as foreign public discourse, Luník IX stands on the sidelines of a scholarly inquiry. We attempted to embed the genesis and further social reproduction of the district into the theories of racial segregation

and ghettoization (Vaquant, 2009) and critical whiteness studies (Delgado, Stefancic, 1997). In the first stage, utilizing the conceptual and theoretical framework of environmental justice, we focused on the spatial distribution of the adverse environmental effects in relation to social and ethnic factors. The case of Luník IX, with its roots in the period of a centrally planned economy, allowed us to analyze the mechanism of decision-making in an avowedly non-capitalist society, where in reality we see many similarities in how income inequality between richer and poorer neighborhoods, together with ethnic/racial factors, has shaped the city (Filčák, Ficeri, 2021). Another direction of the research was focused on analysis of the phenomenon of Luník IX in historical memory using methods of oral history. Dichotomous narratives on Luník IX mirror antagonism in memories of the majority society on the one side, and the Roma community on the other (Kohoutová, 2020, 2021). We also draw attention to a symbolic gesture done by Pope Francis, who visited the district in 2021. In connection to the visit we analyzed its societal and religious symbolism (Varšo, 2022).

#### *References to the research:*

FILČÁK, Richard - FICERI, Ondrej. Making the Ghetto at Luník IX in Slovakia: People, Landfill, and the Myth of the Urban Green Space. In Sociologický časopis / Czech Sociological Review, 2021, roč. 57, č. 3, s. 293-313. (2020: 0.588 - IF, Q4 - JCR, 0.262 - SJR, Q3 - SJR, karentované - CCC). (2021 - Current Contents, SCOPUS, WOS). ISSN 0038-0288. <https://doi.org/10.13060/csr.2021.020>. Typ: ADCA

KOHOUTOVÁ, Klara. Od Esterházyho po Luník IX : etnicky kódovaná miesta paměti v lokálním kontextu. Recenzenti: Monika Vrzgulová, Alexander Mušinka. Košice : Spoločenskovedný ústav CSPV SAV, 2020. 196 s. ISBN 978-80-89524-53-2. Typ: AAB

KOHOUTOVÁ, Klara. Luník IX: skryté miesta pamäti. Recenzenti: Alexander Mušinka, Lucia Segľová. Košice : Spoločenskovedný ústav CSPV SAV, 2021. 92 s. ISBN 978-80-89524-64-8. Typ: AAB

VARŠO, Miroslav. Od predsudkov k dialógu: význam návštevy pápeža Františka na Luníku IX = From prejudice to dialogue: the significance of Pope Francis' visit at Luník IX. In Aktuálny stav rómskych štúdií na Slovensku II. Editori: Roman Čonka, Jana Gáborová Kroková ; recenzenti: Alexander Mušinka, Lucia Segľová. - Prešov : Štátna vedecká knižnica v Prešove, 2022, s. 69-79. ISBN 978-80-89614-82-0. Typ: AFD

#### *Details of the impact:*

**SENSITIZATION AND POPULARIZATION** – We organized a series of popularization presentations (2019, 2020) aimed at deconstructing numerous myths and prejudices which prevail in mentalities of members of the majority society in regard to the critical housing conditions at Luník IX and asociality of the local inhabitants. Presentations were met with a considerable interest of a general audience. Last but not least it attracted attention of the municipal authorities who manifested interest in producing a popularization publication about the development of the district. Also, a local guide agency came up with an idea of organizing expert tours of the district for outsiders, consulting with us the scenario and details of the tours.

**CREATING MUTUAL BELONGING** – A research of social reproduction of a ghetto inevitably involves analyzing narratives of both conflicting parts, members of the majority as well as stigmatizing minority. By juxtaposing both narratives in the research outcomes and media coverage alike we contribute to mitigation of a latent ethnic conflict and widespread antigypsyism in Slovakia.

**CROSS-SECTORAL COLLABORATION** – The phenomenon of Luník IX and numerous attempts to improve socio-cultural conditions and the standard of living of local inhabitants occupy agencies of several national, regional and local stakeholders. Our team jointed a permanent platform for discussion of problems accumulated at the district which was established by the Municipality of Košice. We cooperate on the positive coverage of the district and its inhabitants with national (RTVS) and local media (Korzar). At the same time, we coordinate our activities with the local NGO ETP Slovakia in producing a positive image of the stigmatized district.

### *Sources to corroborate the impact:*

- Scholarly debate “The genesis of Luník IX – myths and reality”, 30 October 2019, <https://www.tabacka.sk/program/vedecka-kaviaren-8/>
- “From a slum-shack to a modern housing estate” – Interview, 6 November 2019, [https://www.sav.sk/index.php?doc=services-news&source\\_no=20&news\\_no=8536](https://www.sav.sk/index.php?doc=services-news&source_no=20&news_no=8536)
- Presentation “Luník in England”, 5 May 2020, [https://www.sav.sk/?lang=sk&charset=&doc=services-news&source\\_no=20&news\\_no=8846](https://www.sav.sk/?lang=sk&charset=&doc=services-news&source_no=20&news_no=8846)
- “Luník IX - mimoriadne spravodajstvo, návšteva pápeža Františka”, Regina / TV RTVS, Regina, 20 September 2021
- “Luník IX. The infamous, misunderstood housing estate Pope Francis plans to visit” / interview for The Slovak Spectator, 22 August 2022 <https://spectator.sme.sk/c/22725295/lunik-ix-the-infamous-misunderstood-housing-estate-pope-francis-plans-to-visit.html>
- “Seeking change, Slovak Roma settlement puts faith in Pope visit” / TV Reuters, interview, 10 September 2021, <https://www.reuters.com/world/europe/seeking-change-slovak-roma-settlement-puts-faith-pope-visit-2021-09-08/>
- “Der Papst zu Gast im Ghetto” / interview for Frankfurter Allgemeine Zeitung, 14 September, 14 September 2021

### **2.6.2. List of the most important studies and/or other activities commissioned for the decision-making authorities, the government and NGOs, international and foreign institutes (title, name of institution, contract value, purpose (max 20 words))**

- **Creative Science – a Systematic program for complex knowledge and critical thinking through experiential learning of science.** Contract value: 10 000 EUR. *Name of institution:* the Ministry of Education, Science, Research, and Sport of the Slovak Republic. Purpose: creating experiential learning science program and to monitor its efficiency. We participated in creating a Methodical handbook for the primary school teachers of Physics and designing a testing battery to establish the effectiveness of participating in the project for teachers and pupils.
- *Name of institution:* non-profit organization EDULAB, a **Critical Course** was created. Purpose: for primary and secondary school teachers, who can create their own based on it educational activities for their students. <https://akademia.edulab.sk/course/kurz-kriticke-myslenie>
- Creating methodology for **measuring people’s susceptibility to fake news.** *Name of institution:* NGO Vivate Vero. Contract values: 400 EUR. Purpose: to develop web-based application that would inform people about the reliability of information they read and to provide measuring tools and estimate the effectiveness of the application.
- Cooperation Agreement with *Name of institution:* government Office for Health Care Supervision. Purpose: cooperation in **decreasing errors in the provision of emergency medical care** and error correction in the delivery process of urgent medical care.
- **Round 9 Pilot (Slovakia).** *Name of institution:* ESS ERIC Headquarters, City University London; *Contract value:* 63 210 EUR; *Purpose:* Pilot survey for the 9th round of the ESS in order to a) test new and repeating questions from the two rotating modules that were to be part of the questionnaire; b) test a new tool for monitoring data collection.
- **Coordination of the fieldwork and delivery of the Slovak representative dataset for ESS Round 9.** *Name of institution:* Ministry of Education, Science, Research and Sport of the Slovak Republic, *Contract value:* 208 300 EUR. *Purpose:* Coordinating of the national fieldwork, sample selection, questionnaire translation, data collection, fieldwork monitoring, data processing and data delivery.
- **ESS Electronic Questionnaire Device.** *Name of institution:* NatCen - National Centre for Social Research, London; *Contract value:* 10 850 EUR; *Purpose:* testing of the EQ device in Slovakia with participants that have no experience with these devices and do not use the internet.



- *Name of institution:* the National Reference Center for Forward Looking Information and Services (FLIS), the Slovak Environment Agency, the Ministry of the Environment of the Slovak Republic. **Purpose: Environmental development scenarios 2020+** sustainable growth, biodiversity and climate change.
- *Name of institution:* European Climate Foundation grant. *Contract value:* 15167 EUR. **Purpose:** to develop analyses supporting **transition to a carbon neutral economy** in Slovakia by 2050 (data collection, analyses and policy work for EU Calc model of climate neutrality).
- **Support for public policies in integration of Roma into labour market.** *Purpose:* to help with integration of Roma into labour market in Danube region. The CSPS team expertly elaborated Country Flowcharts, which mapped the main structural problems and key factors at national and local level. Subsequently, the Centre, in cooperation with the countries, developed the so-called Deficiency map: public service logic.
- *Name of Institution:* Ministry of Environment. *Contract value:* 120 000 EUR. *Purpose:* preparation of the Background quantitative and qualitative analyses and technical conceptual background of the Action Plan for the implementation of the Strategy of Adaptation of the Slovak Republic to the Adverse Consequences of **Climate Change**.
- *Name of Institution:* Ministry of Environment. *Contract value:* 98 000 EUR. *Purpose:* preparation of the draft Action Plan as an implementation document of the Strategy of Adaptation to Adverse Effects of the **Climate Change** in the Slovak Republic.
- *Name of Institution:* the Ministry of Economy of the Slovak Republic, supported by the grant of the Ministry of Economy. *Contract value:* 138 500 EUR. *Purpose:* **assessment of the effects of financial and non-financial assistance to SMEs**.
- *Name of Institution:* NUCEM (National Institute for Certified Educational Measurement). *Purpose:* **preparation and analysis of the new wave of PIAAC data** for Slovak Republic (Programme for the International Assessment of Adult Competencies, OECD).
- In the thematic area of adult learning and lifelong learning policies researchers of the Centre are being approached regularly. *Purpose:* **contribution to the recently adopted Lifelong Learning Strategy** for Slovakia 2021-2030 and cooperated across sectors in this area.
- *Purpose:* The transfer of research evidence into decision making has also been supported considerably in the thematic area of social economy, inclusion of socially disadvantaged groups and specifically **marginalised Roma communities** has been strongly supported by **reports and expert advisories** to ministries and national policy agencies.
- *Name of Institution:* Office of the Plenipotentiary of the Government of SR for the Roma Community, *Purpose:* "Evaluation and monitoring of the Strategy of the Slovak Republic for **Equality, Inclusion and Roma Participation** until 2030". The methodological document forms an integral part of the "Strategy" adopted by the Resolution of the Government of the Slovak Republic no. 181/2021.
- *Name of Institution:* the Ministry of Labour. *Purpose:* Expert inputs for the Implementation Agency in the area of the creation of the **ecosystem of the social economy and social entrepreneurship** in Slovakia.

### 2.6.3. List of contracts and research projects with industrial and other commercial partners, incl. revenues (study title, name of institution, contract value, country of partner, purpose (max 20 words))

- **Monitoring Work Satisfaction.** *Name of institution:* FAURECIA AUTOMOTIVE SLOVAKIA s.r.o., Košice; *Contract value:* 600 EUR; *Purpose:* In order to improve working conditions and the working environment in the company, an employee satisfaction survey was conducted. The Employee Satisfaction Report 2018 was delivered.

**2.6.4.1 List of intangible fixed assets (internally registered IP (confidential know-how), patent applications, patents granted, trademarks registered) denoting background IPR**  
N/A

**2.6.4.2 List of licences sold abroad and in Slovakia, incl. revenues (background IPR identification, name of institution, contract value, country of partner, purpose (max 20 words))**  
N/A

**2.6.5. Summary of relevant activities, max. 300 words (describe the pipeline of valorization in terms of Number of disclosure, Number of registered IP internally, number of CCR/LIC contracts and their respective summary values, the support you are receiving in specific points internally at the institute, at SAS, externally – also the limitations and drawbacks.**  
N/A

## **2.7. Popularisation of Science (outreach activities)**

**2.7.1. List of the most important popularisation activities, max. 20 items**

- [1] The week of Science and Technology and The European Researchers Night (regularly)
- [2] Invited speaker at IXPO SAV STAGE 27.4.2019 13.00-15.30 Denisa Fedáková; Work and family: On & off  
[https://www.sav.sk/?lang=sk&doc=services-news&source\\_no=20&news\\_no=8224](https://www.sav.sk/?lang=sk&doc=services-news&source_no=20&news_no=8224)
- [3] Invitation to the live broadcasting during the primetime dedicated to the Second wave of the pandemic, where also prime minister of the Slovak republic was invited to discuss how to deal with the rise of the second wave of the COVID-19 pandemic. Slovak National Television, moderator: Ľubomír Bajanič. October 5, 2020. <https://www.rtvs.sk/televizia/archiv/16453>
- [4] Multiple invitations to the TV program “Experiment” broadcasted by Slovak National Television: 1) Why we doubt vaccines? Discussion with Vladimíra Čavojová. December 10, 2020. <https://www.rtvs.sk/televizia/archiv/15377/252977> 2) Live Experiment Special: Vaccination and coronavirus. Discussion with Jakub Šrol. January 21, 2021. <https://www.facebook.com/experiment.rtv/videos/421906982347017>
- [5] Interview for the evening News of the national television with Vladimíra Čavojová at the beginning of the pandemics: Why it is so easy to fall for hoaxes and what kinds of people spread it? March 20, 2020. This appearance led to numerous other invitations for commentaries and interviews of other newspaper and media (listed in Annual Reports) regarding conspiracy theories and hoaxes about COVID-19. [https://www.rtvs.sk/televizia/archiv/13986/217922?fbclid=IwAR0SN59E3HvT3pSGnbWYc3tElstrO557QFWPy4ZtT7o0jQS1\\_6pxz0STeIM](https://www.rtvs.sk/televizia/archiv/13986/217922?fbclid=IwAR0SN59E3HvT3pSGnbWYc3tElstrO557QFWPy4ZtT7o0jQS1_6pxz0STeIM)
- [6] Invitation for the TEDx Talk in Trenčín. Vladimíra Čavojová: Why should we rely on our intuition? September 20, 2017. <https://www.youtube.com/watch?v=wWwFoNGMyFg>
- [7] Invitation to the News of TV JOJ to talk about the results of our research on vaccination hesitancy. Interview with Magdalena Adamus, September 27, 2021. <https://videoportal.joj.sk/noviny/epizoda/92112-noviny-tv-joj>
- [8] Profile interviews for national newspapers about the relevant topics, such as vaccination. E.g. Čavojová, V. Psychologička: Otázka očkovania naozaj nie je o slobode (rozhovor s E. Rybárovou pre SME). 30.7.2021. <https://plus.sme.sk/c/22711502/psychologicka-vladimira-cavojova-otazka-ockovania-naozaj-nie-je-o-slobode.html>  
<https://plus.sme.sk/c/22711502/psychologicka-vladimira-cavojova-otazka-ockovania-naozaj-nie-je-o-slobode.html>
- [9] Seeking change, Slovak Roma settlement puts faith in Pope visit (TV appearance, REUTERS), Ondrej Ficeri, 10.9.2021

- [10] Interview about the Hungarian past of the Šariš Region in Radio Patria (Szeghy-Gayer, 5.7.2021, <https://patria.rtvs.sk/clanky/rangado-derby/261605/egy-letunt-vilag-nyomaban-eperjes-eskornyeke?fbclid=IwAR18qR0znK5XQ6pB7K0loLe8-t2QLKmLdFIYQ-9xmuui>)
- [11] Die Spanische Grippe: Schlimmer geht's immer (Radio interview, for RTVS), Veronika Szeghy-Gayer, 21.5.2020 <https://dersi.rtvs.sk/clanky/wissenschaft-umwelt/225346/die-spanische-grippe-schlimmer-gehts-immer>
- [12] Teachers' mental immunity (Mentálna imunita učiteľov), Lecture / Discussion, Alexander Loziak, 22.12.2021, <https://www.dusevnaimunitaucitelov.sk/>
- [13] Population exchange agreement (Dohoda o výmene obyvateľstva), Interview for Hungarian TV - Duna TV Domovina, Štefan Šutaj, 11.4.2016, <http://www.mediaklikkhu/video/domovina-2016-04-11-i-adas/>
- [14] Are you also afraid to talk to your boss about your salary? Talk about money is for Slovaks a taboo (Aj vy máte strach hovoriť so šéfom o svojom plate? Baviť sa o peniazoch je pre Slovákov tabu), Interview for Denník N, Michal Kentoš, 30.11.2017, <https://dennikn.sk/957778/aj-vy-mate-strachhovorit-so-sefom-o-svojom-plate-hovorit-o-peniazoch-je-pre-slovakov-tabu/>
- [15] “Balanced state budget is not enough“, V. Baláž, article for dail SME, 7.12. 2018
- [16] “UN-Words will not save the Planet“, R. Filčák, discussion, TV STV, 23.9, 2019
- [17] “Let’s not ask about crises, ask about the future“ V. Baláž, article for daily SME 16.9.2019
- [18] “More seniors, less money“, B. Šprocha, Interview about demographics forecasts and the impact on state budget for TV TA3 for the Main News, 24.5.2021
- [19] “Increasing participation in Lifelong Learning“, I. Studená, Interview for TV STV for the Main News, 8.9. 2021
- [20] “Coronavirus: Central Europe's focus on cars backfires“, L. Mýtna-Kureková for Deutsche Welle, 16.11. 2021

### 2.7.2. Table of outreach activities according to institute annual reports

Outreach activities	2016	2017	2018	2019	2020	2021	total
Articles in press media/internet popularising results of science, in particular those achieved by the Organization	723	189	161	51	79	181	1 384
Appearances in telecommunication media popularising results of science, in particular those achieved by the Organization	121	52	34	20	40	94	361
Public popularisation lectures	15	33	46	42	29	23	188

Other (excursion, multimedia, publication, documentary film): 2017: 11; 2018: 19; 2019: 19; 2020: 5; 2021: 8

## 2.8. Background and management. Infrastructure and human resources, incl. support and incentives for young researchers

The Center of Social and Psychological Sciences is a significant scientific research organization that profits from its diversity in a) the geographic location of its institutes: in two cities Bratislava and Košice and at three addresses; b) its scientific disciplines: psychology, economy, history; c) the occupational status of its employees: administrative and technical staff, PhD. students, junior & senior researchers; d) the nationality of its employees; e) the age of its employees. Diversity leads us to tolerance and positive relationships in the workplace.

Since the establishment of the Centre there has been a general agreement about the representation of all three institutes in its top management, i.e. director, deputy director and head of scientific board represent one institute each. The Centre's director closely and intensively cooperates with the heads of all three institutes.

The Centre's management aims for a unification of processes across all three institutes. To follow that aim, several guidelines were adopted at the Centre's level: e.g., performance criteria and evaluation, gender policy, human resources policy, environmental policy, homeoffice, and vacation taking.

The Centre's management helps with project administration support via the ethical committee, GDPR policy for data processing. Moreover, the Centre's management encourages and creates conditions for the project and scientific interconnections of the Centre's institutes. The annual meetings of the Centre's employees are excellent events for an exchange of experience, teambuilding and starting new cooperations.

The Centre is an organization that creates conditions for attracting new researchers. Its publication and project activities, facilities and overall working conditions made several researchers apply to work with us. The number of researchers in the Centre increased in the evaluated period thanks to extra budget resources.

In the past years we had two applications for the SASPRO project and two researchers from the Netherlands and Spain were accepted. Unfortunately, their stay was very short due to personal/administrative reasons.

**To evaluate the support and incentives we asked young researchers at CSPA for feedback.**

They answered that they like the cooperative and supportive team at CSPA and in its Institutes, and also the professional relationships and informal atmosphere. They appreciate the willingness to very actively support the project/publishing challenges of the young researchers and opportunities to participate in running research projects with experienced colleagues, i.e., learning by observing and learning by doing. The young researchers are grateful for the organizing of substantive and methodological seminars with room for discussions and experience exchange, and also the high frequency of possible webinars options or training which are helpful for submitting new projects, writing studies in indexed journals or media and popularization outputs. During their initial stay at the CSPA, an identity and sense of belonging to the it is created which helps young researchers to facilitate continuous improvement and effectiveness in their research and allows them to work alongside the seniors' researchers with their high-quality research projects. They also appreciated the support for applying for extra financial incentives (funds) and they see the inter-disciplinarity at the CSPA as a source of motivation and inspiration.

**2.8.1. Summary table of personnel**

**2.8.1.1. Professional qualification structure (as of 31 December 2021)**

	Degree/rank				Research position		
	DrSc./DSc	CSc./PhD.	professor	docent/ assoc. prof.	I.	II.a.	II.b.
<b>Male</b>	1	25	1	6	2	12	11
<b>Female</b>	1	40	1	2	1	14	27

I. – director of research with a degree of doctor of science/DrSc.

II.a – Senior researcher

II.b – PhD holder/Postdoc

### 2.8.1.2. Age and gender structure of researchers (as of 31 December 2021)

Age structure of researchers	< 31		31-35		36-40		41-45		46-50		51-55		56-60		61-65		> 65	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
<b>Male</b>	4,0	3,4	2,0	2,0	5,0	2,8	5,0	4,5	4,0	3,8	2,0	1,5	1,0	1,0	0,0	0,0	2,0	1,2
<b>Female</b>	3,0	3,0	8,0	6,8	6,0	5,2	5,0	4,8	1,0	1,0	3,0	3,0	2,0	2,0	1,0	1,0	5,0	3,5

A – number

B – FTE

### 2.8.2. Postdoctoral fellowships (list of positions with holder name, starting date, duration. Add brief information about each fellow's career path before and after receiving PhD degree, etc.)

#### 2.8.2.1. MoRePro and SASPRO fellowships

N/A

#### 2.8.2.2. Stefan Schwarz fellowships

- **Mária Túnyiová – 1. 5. 2014 – 30. 4. 2018** - She finished his M.A. in psychology at Constantin Philosopher University in Nitra. She earned her PhD in Social Psychology at Comenius University in Bratislava in 2013 (joint PhD with Institute of Experimental Psychology, SAS.) on somatic markers in decision-making concerning cognitive development of 6-to 14-year-old children. During her post-doc employment, she focused on decision-making in medical settings. Currently, she is on maternal leave.
- **Lenka Kostovičová - 1. 5. 2015 – 30. 4. 2019** - She finished his M.A. in applied psychology at Comenius University in Bratislava. She earned her PhD in Social Psychology at Comenius University in Bratislava in 2013 (joint PhD with Institute of Experimental Psychology, SAS.) on the topic of Social influences on judgment and decision making: Accountability and responsibility. During her post-doc employment, she focused on decision-making in medical settings. Currently, she is on maternal leave.
- **Lukáš Pítel 1. 1. 2016 – 31. 5. 2019** - He finished his M.A in psychology at the Trnava University in Trnava. He earned his PhD in Social Medicine from the University of Groningen, the Netherlands, on the social and psychological determinants of health-related behaviour. During his post-doc employment in the centre, he focused on decision-making in medical settings. Currently, he is a researcher at Hull York Medical School, where he studies various determinants of cancer morbidity and cancer awareness.
- **Matúš Grežo - 1. 5. 2017 – 30. 4. 2020** - He finished his M.A. in psychology at Constantin Philosopher University in Nitra. He earned his PhD in Social Psychology at Comenius University in Bratislava in 2013 (joint PhD with Institute of Experimental Psychology, SAS.) on Optimism and overconfidence effect in financial decision making. During his post-doc position, he focused on financial decision-making and judgment of entrepreneurs with a specific focus on creating and investing in start-ups. Currently, he is a team leader of the trust and society team at the Institute of Experimental Psychology, Center of Social and Psychological Sciences, SAS.
- **Marek Jurkovič 1. 6. 2018 - 30. 9. 2019** - He finished his M.A. in psychology at Comenius University in Bratislava. She earned her PhD in Social Psychology at Comenius University in Bratislava in 2016 (joint PhD with the Center of Social and Psychological Sciences, SAS) on the Development of metacognitive abilities in relation to cognitive bias and rationality by increasing mindfulness. During his post-doc scholarship, he focused on rationality and cognitive processes in relation to epistemically unfounded beliefs. Currently, he is working in the analytical unit of an international IT company.

- **Martin Sedlár - 1. 6. 2018 – 31. 5. 2021** - He finished his M.A in psychology at Trnava University in Trnava. He earned her PhD in Social Psychology at Comenius University in Bratislava in 2017 (joint PhD with the Center of Social and Psychological Sciences, SAS) on Decision making by healthcare professionals in routine and non-routine situations. During his post-doc scholarship, he focused on the identification of non-technical skills of paramedic crew members. Currently, he is a member of the trust and society team at the Institute of Experimental Psychology, Center of Social and Psychological Sciences, SAS.
- **Ondrej Ficeri - 1. 6. 2020 - 31. 5. 2022** – He finished his M.A. in Slovak history at University of Pavol Jozef Šafárik in Košice. He earned his PhD in Slovak history at Matej Bel University in Banská Bystrica in 2017 (joint PhD with Institute of Social Sciences, SAS). As a PhD student he employed innovative approaches in research of fluid inter-ethnic relations in the ethnically heterogeneous urban environment. His work on situational ethnic identities in the city of Košice (Slovakia) won him a national award for the best scientific opus in the category of social sciences and humanities (2019 Cena Literárneho fondu). He also gained the Award of the SAS for scientific popularisation (2018). In his consequent career he followed a path of post-colonial paradigm in ethnic and racial studies. He currently focuses on a touchy problem of the social reproduction of urban and rural Roma ghettos in Slovakia in the context of antigypsyism.

### 2.8.2.3. Postdoctoral positions from other resources (specify)

The Centre creates conditions for postdoctoral positions from other resources (not only during the evaluated period) in case we see the future potential of these young researchers. The position of psychologist **Matúš Adamkovič** was one of these successful cases – after finishing his PhD in General and Experimental Psychology at the University of Presov (2019), he started working at the Centre. During the first 15 months (from 10/2019) in the Centre he was financed by the financial sources of the ESS project. His research is focused on research methodology, replicability of (behavioral) research, and network approach to psychopathology. He is a co-author of 20 studies published in CCC journals (Nature Human Behaviour, PNAS, Assessment, Complex & Intelligent Systems, PLOS ONE etc.), has about 400 citations, during the last 4 years he completed internships and courses at several foreign institutions (University in Belfast, University of Amsterdam, NHH Bergen, University of Padova, and University of Jyväskylä). He has actively participated in many transnational collaborative studies focused on increasing the replicability and credibility of behavioral research (e.g., the SCORE project - the Center for Open Science and DARPA; and the PSA - the Psychological Science Accelerator platform). In the Centre, he coordinates weekly running statistical and methodological seminars for (not only young) researchers. He is a co-founder of the Slovak Reproducibility Network. In 2022 he became a senior researcher and his participation in an ERC grant with a partner from the University of Jyväskylä starts in August 2022. He is going to be involved in the project under the scheme Horizon Europe. From 2021 his position is paid from the Centre's budget.

The other form of supporting the research positions for young scientists is a compensatory allowance that can be granted in a competition of young successful researchers and as a result of evaluation of the SAS commission. In practice it means 150 EUR bonus to the salary for next two years if the researcher is full-time employed (75 EUR is subsidized by the central budget of the SAS, 75 EUR goes from the Institute budget). The compensatory allowance after successful PhD study obtained two of our young ambitious psychologists - Ivana Piterová (from 01/2020) and Jakub Šrol (from 01/2020). They are both very successful young researchers:

**Ivana Piterová** - She finished her M.A. in psychology at Pavol Jozef Šafárik University in Košice and earned her PhD in Social Psychology at the same university (joint PhD with CSPS SAS). She focuses on attitudes towards immigrants, welfare attitudes and populist attitudes. She completed several statistical courses (Cambridge in UK, online), is a principal investigator of the

project VEGA 2/0065/21 (Social and psychological correlates of populist attitudes), participates in national and international projects (VEGA 0068, VEGA 0172, ESS, LISPER and BIOFORD). Was involved in international collaborative studies focused on gender equality (mentioned in part 2.3.1), is a member of the EASP and the ESRA, is an executive editor of the journal *Individual and Society*, was awarded by the best poster in the doctoral section at the Conference on Work and Organizational Psychology 2017. She is a co-author of two books (Piterová, I. - Kováčová Holevová, B. - Loziak, A., 2021; Piterová, I. - Heldáková, L. - Kohoutová, K.) and chapters in book (e.g. Európska sociálna sonda: 9. kolo na Slovensku), article in European Journal of Social Psychology, Journal of Cross-Cultural psychology or Intersections: East European Journal of Society and Politics.

**Jakub Šrol** - He finished his M.A. in psychology at Comenius University in Bratislava. He earned his PhD in Social Psychology at Comenius University in Bratislava in 2016 (joint PhD with the Centre of Social and Psychological Sciences, SAS). He focuses on the study of individual differences in susceptibility to cognitive biases and epistemically suspect beliefs, he also deals with the negative consequences of the adoption of unwarranted beliefs in the domain of social life and health behavior. He has experience in publishing in foreign journals (*Thinking & Reasoning*, *Applied Cognitive Psychology*). His works received 1st place in the international round of the Student Scientific Activities (ŠVOČ) competition, the Comenius University Rector's Award for an excellent diploma thesis, or 3rd place in the competition of young scientists of the SAS. Currently he is a senior researcher at the Centre.

### **2.8.3. Important research infrastructure introduced during the evaluation period with the information about the sources of funding (max. 2 pages)**

During the evaluated period the CSPS has been awarded two European structural and investment funds. For the CSPS it means a great opportunity to cooperate with research, state, and private institutions on subjects of high societal importance. The created consortiums of the projects on Personalized medicine and Biobanking allow us to approach the subjects in the context of technology, medicine, ethics, foresights, and social attitudes aiming to improve citizens' health through innovative diagnostic and therapeutic procedures. In particular, the task of the CSPS within the consortium is modeling demographic trends and societal effects in oncological diagnostic and treatment; the design of regional models for incidence of cancer and projection of national, medical and social effects of early diagnosis and treatment for Slovakia. In the field of Biobanking we aim for the expansion and completion of research and innovation through building a biobanking system for cancer and rare diseases, and its integration into the international net of research infrastructure. Here the CSPS evaluates the socio-economic effects of the future national biobank.

### **2.9 Supplementary information and/or comments on all items 2.1 – 2.8 (max. 2 pages in total for the whole section)**

In the Centre we aim for improving and increasing all the indicators of the main activities. So not only quantity but especially quality is our goal. A combination of history, psychology, and economy under the roof of our Centre enables us to perform research in which we are able to reflect and contribute to the knowledge relevant to the past, present, but also to the future. The inter-disciplinarity in the Centre opens doors to cooperation with other institutes of the SAS (e.g., Institute of Economic Research, Institute of Ethnology and Social Anthropology, Biomedical Research Centre) in research projects and consortiums.

### **3. Implementation of the recommendations from the previous evaluation period**

The management of the CSPA has long taken into account the recommendations of the Panel of Evaluators from the previous accreditation as priorities for organizational development. These include in particular the following priorities:

- increase activity in submitting / obtaining international projects (not only bilateral)
- publish more in world languages
- support inter-disciplinary research (the creation of a CSPV provides the prerequisites for this)
- combine regional and international studies; develop cooperation regionally, etc...
- develop more distant international partners
- enable the mobility of researchers not only from Slovakia to abroad, but also in the opposite direction
- focus publishing magazines on publishing in world languages, pay attention to open access and penetration of results abroad
- establishment of the International Advisory Board and its cooperation with the CSPA

***NOTE: The recommendations from the previous accreditation were addressed to the three Institutes of the Centre separately, so that is why here we describe the implementation of them separately.***

The previous accreditation brought several recommendations for **the Institute of Experimental Psychology**, which were taken into account in the further development of the institution:

The evaluation panel commented on the lack of international funding. In the new evaluation period, the research staff worked intensively to address this shortcoming in several ways - by establishing further research collaborations with foreign partners, by intensifying cooperation within the center with research teams that are successful in obtaining international funding, and by providing institutional support for researchers seeking to obtain international projects. The result is a number of international projects that have been submitted either in cooperation with other institutions (Horizon 2020 projects) or with the institute as a leading institution (Visegrad Fund). Several of these projects were successful, and they are funded. The researchers of the Institute of Experimental Psychology are currently participating in three international projects. In cooperation with the Institute for Forecasting, we are participating in the international project ENTRANCES H2020. In 2021, we acquired two international projects: Political culture, democratic values and misinformation: Detecting democratic footholds & weaknesses (leading researcher I. Brezina) funded by the Visegrad Fund. In this case, the institute is the leading institution of the project. Another international project is Health and Psychosocial Long-term Effects and Coping Resources in Severe or Critical COVID-19 Survivors funded by the Alliance of International Science Organizations (ANSO) (a leading institution, the Bulgarian Academy of Science).

The evaluation panel also commented on the lower proportion of publications in middle to high-ranked journals, and suggested increasing internationalisation as the way to improve this indicator. Since the last accreditation, the researchers of the institute established many fruitful partnerships and intensive cooperation with research partners abroad. This has led to an increase of publication numbers in the category of middle to high-ranked journals. To express it in numbers,



the share of low-impacted and medium to high impacted studies in the previous accreditation period (2012 to 2015) for the IEP was 35(LI): 12(M-HI), however in this accreditation period it was 41(LI): 42(M-HI), and even for the last two years (2020-2021), the share was the opposite, which means that more studies were published in middle-to-high impacted journals than in low-impacted (28:15).

The evaluation panel also recommended the further development of inter-disciplinarity, also due to recent merger of the institute and the forming of the Center for the Social and Psychological Sciences. In this accreditation period, the researchers of the institute searched for an opportunity to develop additional inter-disciplinary partnerships, especially in the areas of their expertise. This inter-disciplinary partnership was facilitated both inside the Centre as well as outside the centre. Inside the centre, the researchers actively worked on interconnections between the institutes of the centre, which resulted in joint research projects, e.g. VEGA 2/0118/17 (Risk assessment in decision making of individuals on the personal and company/business finances and business opportunities), Entrances Horizon 2020 etc., in which we have cooperated with economists and sociologists. Our inter-disciplinary cooperation resulted also in several edited books with other social scientists (e.g. political science, social anthropology). The researchers of the institute also participate in medicine-related projects (LISPER, BIOFORD) funded by European structural and investment funds. Outside the Centre, we created especially fruitful collaboration with the six institutes participating in the project "Creative Science" and "Find the scientists in yourself" (Institute of Materials and Machine Mechanics, Polymer Institute, Institute of Chemistry, Institute for Heart Research, Institute of Experimental Pharmacology & Toxicology - Centre of Experimental Medicine SAS).

Concerning the journal *Studia Psychologica*, the accreditation panel recommended we increase its internalisation, especially with regard to its rather low impact. The editorial board and editorial office were working on this issue systematically in three areas – development and maintaining of the database of international reviewers, development of journal features which contribute to the international attractiveness of the journal (e.g., open science badges) and increasing the role of international members of the editorial board and hosting editors. Recently, we have published our first special issue edited exclusively by international hosting editors on Psychological Roots of Questionable Health Practices. All these activities led to an increase of the journal's JCR impact factor from 0.511 in 2016 to 0.953 in 2021.

The recommendations of the international assessment meta-panel were taken into account by the team of **the Institute of Social Sciences** as follows:

- 1) Higher activity in acquiring international (not only bilateral) projects resulted in the implementation of two projects under the scheme Interreg Danube Transnational Programme ([RARE-DTP1-320-4.1](#); [DREAM ROAD-DTP-3-383-4.1](#)), two projects funded by EEA Grants ([CBC01030](#); [GGC01007](#)), one project financed by Visegrad Fund ([No. 22030354](#)) and one project under the scheme Horizon 2020 ([UrbanHist](#) No. 721933). Besides these, in 2020, our team was involved in applying for the COST project titled *Border Regions as Living Spaces (BORDELIVES)* in cooperation with the Centre for Borders Region Studies the University of Southern Denmark as a lead partner. Despite its great potential and the quality, the project application was not successful. At the end of 2021 we participated in the preparation of another project under the scheme of the Visegrad Fund titled *Migrants and refugees in secondary cities in the CEE region: Challenges and opportunities for local policy-making focused on an inclusive public sphere*. As regards the participation in EU Frame Projects, more activity in these area will be done in 2022 and 2023. Currently, one of our colleagues (Veronika Szeggy-Gayer) is participating in an ERC project titled „[NEPOSTRANS](#) – Negotiating post-imperial transitions: from remobilization to nation-state consolidation. A comparative study of local and regional transitions in post-Habsburg East and Central Europe“ coordinated by Institute of Political History, Budapest.

- 2) Publishing more in world languages increased considerably in comparison with the last evaluated period. Also, articles in the journal *Individual and Society* [Človek a spoločnosť] have been published only in English since 2018. But not only this, great change to the composition has happened in the publications as well. The amount of the studies published in CCC journals and in journals indexed in WoS Core Collection or SCOPUS has increased from 5 publications in the last evaluated period (2012-2015) to 40 publications in this period (2016–2021). A slight increase is seen as well in chapters in monographs published abroad (from 12 to 16).
- 3) Enforcing inter-disciplinary research is seen in most of the projects carried out in the Centre. As already mentioned by the Institute of Experimental Psychology, our researchers participate in many national or international projects and cooperate on joint studies with researchers from other institutes (not only from the Centre). For instance, in the projects RARE, DREAM ROAD, CBC, CEEA and APVV-MARGIWORK, researchers of the Institute of Social Sciences (historians, psychologists, economists) cooperate with colleagues (economists, sociologists) from the Institute for Forecasting CSPS SAS. In the new project VEGA, which focused on psychological constructs and contextual frameworks determining the intention of girls and women to study information and communication technology (ICT), psychologists of both institutes of the Centre cooperate together. An extraordinary inter-disciplinary project team was created during the implementation of the project APVV. Together worked psychologists and historians of the Institute of Social Sciences, a demographer of the Institute for Forecasting and other historians, sociologists, and political scientists from the Pavol Jozef Šafárik University. Historians and psychologists of the Institute of Social Sciences cooperate together as well on several other projects (VEGA; ESS) including the currently carried out European Structural and Investment Funds projects (in cooperation with researchers from the Biomedical Research Centre SAS).
- 4) The researchers of the Institute of Social Sciences tried to fulfill the focus on local problems with its much wider international visibility in several ways: a) through projects with a very important social impact (APVV-15-0475; VEGA 2/0084/19, 2/0012/19; 1/0212/15; CBC01030); b) by publishing more in foreign languages; c) thanks to participation at conferences abroad and wide popularisation of the research (in media, press, on TV, social networks etc.) This research still remains one of the core focus of the historical research of the Institute.
- 5) Continued cooperation with stable partners from the Czech Republic, Hungary, Poland and Ukraine strengthened in recent years and new collaborations started with partners from Norway (NORCE), Ukraine (City Kharkiv, V.N. Karazin Kharkiv National University and Simon Kuznets Kharkiv National University of Economics; Uzhhorod National University), Germany (Collegium Carolinum), Slovenia (RIS Dvorec Rakičan), USA (Denison University, Ohio; University of Texas at El Paso, Texas), Estonia (University of Tartu), Poland (SGH Warsaw School of Economics; University of Zielona Góra), Finland (University Jyväskylä), England (University of Liverpool), Japan (University of Kitakyushu) etc. New regional cooperations started thanks to our increasing regional visibility (with Carpathian foundation, ETP Slovensko, City Košice, Institute of Roma studies, CIKE, IUVENTA, workshops for Secondary School of Electrical Engineering).

The profile of the Institute of Social Sciences is connected with the profile of the Centre as a whole, given by our common research strategy for the years 2021 - 2025. Our flagship remains the European Social Survey and after successful completion of the project, focusing on a comparative research of ethnic minorities, we plan to continue in this type of comparative research again (a new APVV is going to be submitted in November, 2022).

The previous accreditation delivered recommendations for **the Institute for Forecasting**. All recommendations have been well received by the management and researchers of the Institute

and a number of actions were taken and initiatives were developed during the period 2016-2021 to fully use the potential of the recommendations, including the following steps (structured by recommendations of the panel):

- 1) Recommendation: Identify the missing crucial skills and better align the recruitment strategy with such skills needs. We have identified the need to support skills in both quantitative and interdisciplinary data analyses. In relation to that, two researchers who have finalised their PhDs have been employed by the institute, one with strong background in quantitative analyses and mathematics (D. Dokupilová) and one with strong skills and knowledge in the area of social interventions (Z. Poláčková). To further support the recruitment potential in the area of quantitative forecast skills, we have developed cooperation with the University of Economics and opened a new PhD programme with the Faculty of National Economics with a track record in recruiting PhD students in the area of quantitative skills. The PhD programme is launched this year and we expect the PhD students will be immediately involved in the research project especially in quantitative analysis, thus increasing the pool of future employees who will support the capacity quantitative forecast methods and analyses. We have opened a senior position and succeeded in attracting one of the leading talents in the area of policy analyses who joined our institute in 2019 (L. Mýtka Kureková). In the medium-term we are developing cooperation across other research organisations to accelerate our research potential in the area of forecast, foresight and policy recommendations (the prestigious Institute of Financial Policy at the Ministry of Finance, Universities, cooperation within SAS)
- 2) Recommendation: The Institute could benefit from engaging with new and innovative datasets that are increasingly becoming available to social scientists. This recommendation has been very welcome and corresponds well with both the strategic development of the Institute outwards as well as within the Centre. Researchers have developed research based on publicly available datasets at a micro level based on agreements with Eurostat (Labour Force Survey, Adult Education Survey), PIAAC (Programme for International Assessment of Adult Competencies) as well as individual data available on the basis of organisational requests from public organisations in Slovakia (micro data on employment from the Ministry of Employment). We have financially supported access to the dataset of companies (covering all companies) which is being used for analyses of the enterprise eco- system (Database Finstat).
- 3) Recommendation: The Institute and the new Centre could better benefit from enhancing (or joining together) research support services (language editing etc.) This recommendation has been addressed both at the level of the Institute (support to proofreading, graphic services) and the level of the Centre. The Institute launched an internal project at the level of the Centre, where all Institutes of the Centre participated under guidance of the Centre's director. Within this first stage of the project, in cooperation with external professional consultancy, internal processes were mapped and the main stages of introducing common processes have been defined. The first outputs have been the introduction of two common guidelines for a performance-based remuneration system. The Institute for Forecasting is the leading Institute of the Centre in terms of acquiring extra-budgetary projects both internationally and nationally. The total project capacity has dramatically increased in the volume of international and national project which have been won in competitions or provided on individual bases from national actors. This has increased the stress on the administrative and financial support structures and processes. Subsequently, in 2021, at Institute level we launched an internal project to adjust and develop an adequate structure for professional support to project administration and management.
- 4) Recommendation: The Institute could benefit from better aligning its overall publication strategy and the way PhD thesis are supervised. The publication intensity and a more balanced involvement of a wider base of researchers has improved. Researchers of the Institute have increased cooperation in their publications both within the Institute, within the Centre and externally - leveraging international cooperation within a project consortium, international networks, and also utilising wider national networks of research bodies

PhD programmes have changed greatly, with two new programmes opened and the previous programme terminated (as it has not been well aligned with the research focus of the Institute). The number of PhD student has increased as well as the number of senior researchers-supervisors. PhD students are offered cooperation on the research projects and the supervision of PhD thesis is supported via internal management processes, which is also supported by the newly introduced scientific council at the level of the Centre (planned in 2018, and implemented in 2022).

#### **4. Research strategy and future development of the Centre for the next five years** (Recommended 3 pages, max. 5 pages) **Research strategy of the institute in the national and international contexts, objectives, and methods (including the information on when the strategy was adopted).**

The Research strategy of the CSPS is updated every year and it is published in Annual Reports and presented at annual meetings of the Centre's employees, familiarly called "Centrovica". The research strategy and plans are regularly discussed at management meetings, consulted at the meetings with the Scientific Board and International Advisory Board. The CSPS strives for research progress at the level of three organizational units of the CSPS (Institute of Forecasting, Institute of Social Sciences and Institute of Experimental Psychology), while encouraging opportunities for inter-disciplinary cooperation across organizations. The CSPS institutes cooperate in national and international projects and have the long-term intention to continue with this trend, which creates opportunities for inter-disciplinary enrichment, and development of scientific disciplines and human resources. **Inter-disciplinary teams show increased flexibility in solving project tasks and are successful in publishing research results.**

The main areas of research for the period 2021-2025 at national (regional) and international level are:

- **Research of social trends/phenomenons;** Topics: Study of attitudes - European Social Probe, Trust in institutions, in new infrastructures (biobanks); Social entrepreneurship; Migration/migration trends; Family and reproductive behaviour; Labour market analysis; Staff and student mobility, Political culture and populism; Pandemic COVID -19; Gender studies;
- **Cognitive processes and skills;** Topics: Cognitive bias; Unsubstantiated beliefs and conspiracies and their reduction; Decision-making;
- **Environmental studies;** Topics: Decarbonization; Energy poverty and energy efficiency; Cities (green cities, Luník IX, public space); Marginalized community infrastructures; Climate neutrality; Urban history;
- **Education and schooling;** Topics: Lifelong learning; Inclusive education; Upskilling; National education; STEM & IT; Roma community);
- **Quality of life;** Topics: Retirement; Cancer patients; Pandemic; Marginalized groups.
- **Historical research;** Ethnic and national minorities, Urban and regional studies, Education and school systems.

**Concerning the research strategy in the methodology of our psychology research, we aim to focus more on longitudinal research.** Most of the research in the area of our topics are cross-sectional, which has a limited capacity to confirm causality. Longitudinal research has its advantage over the cross-sectional methodological design is mainly that it provides a complex picture of the relationships between the selected variables and reduces biases based on the shared method variance.

**Concerning new topics, the situation of the pandemic showed us how important it is to reflect the current societal situation.** Our research on the pandemic brought not only significant scientific knowledge at both national and international levels, but also had a strong societal impact. **Therefore, we adopted a strategy to focus on the research topics, which can be identified as important and/or sensitive societal issues and problems.** Through this strategy, we want to deepen the social relevance of our research. In the research area addressing the expected and observed impacts of **green transition** we aim to continue with the research on energy transition from coal to carbon and the effect on society. In the area of **digital transition**, research on the skills transition in the (automotive) industry has been launched. Digital and green transition are identified as important elements of the research strategy also for the upcoming years, with the intention **to increase connections within and cooperations** outside the Centre.

**To further develop international recognition of our research, we plan to continue in our rich international cooperation.** We would like to deepen this cooperation, although it is sometimes managed by the cooperating institution and therefore related to the topics which are preferred by our research partners from abroad, especially those with a strong international position. However, we would also like to strengthen our international position by searching for partners who can help us **to internationalize our research topics**. We are planning to search for partners with similar topic orientation to attract them to join our projects. We believe that this will help us to expand topics internationally. We adopted this strategy for the first time when we were preparing an international project funded by the Visegrad Fund on Political culture, democratic values and misinformation. In this case, the Centre is a leading institution, and the international research team was built through active searching and approaching the institution abroad.

Being successful with project application brought us project partners, relevant topics, significant publications but also a burden to the administration. One of the priorities for the research strategy for the upcoming project participation is to **build and operate project infrastructure** in the Centre. The importance of this step is two-fold: improve and facilitate project administration and transform the burden from i) researchers and ii) the administration unit to the project managers;

Another objective is to **oversee and enhance the overall quality of the PhD. programmes**. We aim to focus on i) periodical evaluation of PhD studies grants and supervisors; ii) PhD students. Also, conditions for international internships and research stays of PhD students, post-docs and researchers will be fully-supported. We will continue in supporting our young researchers in their professional career - in their participation in the research projects (national and EU schemes), in increasing their visibility in the scientific field by creating new cooperation and network connections, and supporting them in applying for student programs abroad (e.g., applications for the US Fulbright Program in 2022).

There is also one objective aimed at securing the quality of the monographs via **establishing the Centre's publishing house** with an editorial board that will oversee the review processes of monographs and other publications. **Maintaining and increasing the quality of the Centre's journals** is another important point in the future development that needs to be mentioned. We plan to open more calls for monothematic issues on up-to-date topics and to invite foreign editors. With growing numbers of submissions we aim also for expanding the database of international reviewers.

We aim at **keeping and promoting the principles of Open Science**. Within the Slovak reproducibility network (SRN) in which the Centre is one of the established institutions, we want to play a significant role in presenting open science. We are organizing a symposium devoted to SRN activities at the international conference "Social processes and personality" in 2022. SRN is active in cooperation with other national reproducibility networks around the world.

The CSPS has recently adopted two significant documents that we aim to follow. In line with the **gender equality plan** of the SAS we commit to the policy of striving for transforming organisational processes, cultures and structures to reduce gender imbalances and inequalities. We will focus on promoting career opportunities and equal access to resources for all genders. Regarding the **environmental policy**, we are aware of the importance of the ecological sustainability of daily activities and the Centre is committed to the continuous improvement of its activities in order to minimize its environmental impact on the environment.

The Centre's management continues with **cooperation and consultations with the International Advisory Board** aiming to support the CSPS actions to proceed with a confidence on the road towards the further enhancement of its performance.

The research outcomes make our researchers recognized as **experts and our expertise** will continue in cooperation with the ministries, foundations (Carpathian Foundation), state institutes (National Institute for Certified Educational Measurements) and associations (IT Association of Slovakia). The Centre has been able to accelerate capacity to identify and develop research evidence that would **inform strategic policy decisions** in response to the most acute problems of socio economic and environmental challenges such as digital and green transitions.

To conclude, we perceive the merger of our three independent institutes into the Centre of Social and Psychological Sciences, which happened in 2015, as **a success story** that enabled the researchers to start larger inter-disciplinary projects that provide comprehensive and robust research beyond the boundaries of one discipline in the study of society relevant phenomena. We want to continue this strategy, as the view of one discipline can be limited and provide only partial scientific insight into the issues. Our strategy is to work on connecting research teams within the center (and actually, outside the center) and stimulate the emergence of further inter-disciplinary projects aimed at solving relevant societal problems. We believe that through such a strategy, we can add specific value to our research results and bring additional benefits to society.

30 June 2022 in Bratislava/Košice

Denisa Fedáková, PhD

CSPS SAS director