International ITAPA 2020 Congress
7th – 9th December, 2020

Time	Digital Talks powered by ITAPA (Monday, 7th December, 2020)
7:30–8:30	**Registration of Participants, Morning Coffee**
8:30–10:15	***Innovative Slovakia: from Zero to Hero?*** Chairman: Ľubomír Straka and Samuel Arbe, ITAPA *Significant resources are coming from Brussels to Slovakia, which we will be able to utilize in the coming years. Concerning these resources, Slovakia prepares a National Integrated Reform Plan, which will define the allocation of these resources. A new programming period is also being prepared, which will define a significant part of public investment until 2027. At the same time, the new government declares its pro-reform orientation. What reform awaits Slovakia? How will we use the new resources to transform and restart the Slovak economy? Will we be able to make Slovakia an innovative, competent, but also inclusive country, which will be an inspiration for the rest of the world and Europe? Find out more in the discussion Innovative Slovakia: from Zero to Hero?* **The industrial future of Slovakia** - Richard Sulík, Deputy Prime Minister of the Slovak Republic and Minister of Economy SR **Slovakia has been asleep for a long time - a restart is coming** - Eduard Heger, Minister of Finance SR **Keynote** - Celine Gauer, Director-General - Head of the Recovery and Resilience Task Force (RECOVER) **Will the new sources from Brussels be a medicine for the Slovak healthcare system? -** Jana Ježíková, Ministry of Health SR **Are we ready for Digital Europe? -** Marek Antal, MIRRI **What and how to do to catch up with the strongest again?** - Ivan Mikloš, MESA 10 **CVTI SR strategies in support of innovations in the SR** - Ján Kyselovič, CVTI **Discussion** Eduard Heger (Minister of Finance SR), Celine Gauer (European Commission), Ladislav Miko (EC Representation in Slovakia), Jana Ježíková (Ministry of Health SR), Ján Oravec (Ministerstvo hospodárstva SR), Ivan Mikloš (MESA), Marek Antal (MIRRI), Rudolf Urbánek (Microsoft Slovakia)
10:15–10:45	**Coffee-break**

10:45 - 12:15	*Transformation of Industry* Chairman: Ľubomír Straka **PARTNER of this session: BROSE** *Innovation, digitization, new technologies - all of those bring progress to many areas of life and the economy. We will talk about how Slovakia is doing in the field of industry development, implementation of the Internet of Things in practice, development of the Industry 4.0 concept or the use of big-data analyzes with interesting guests from industry, academia, as well as the state.* **Does the state plan to help the digital transformation of the industry? -** Emil Fitoš, ITAS **Real cases of industrial transformation -** Ivan Kasanický, SAS Slovakia **Enterprise mobile solutions - efficiency across all business sectors** - Branislav Valach, Resco **Future technologies of today -** Radovan Furmann, CEIT **How do European supercomputers support innovation?** - Lukáš Demovič, SAV **Digitization and mobility as an essential part of modern enterprises -** Peter Semančík, Resco **DISCUSSION**	*Data and Innovative Healthcare* Chairman: Milan Andrejkovič, MIRRI *The Slovak healthcare system faces many challenges. At the time of the pandemic, we were all able to realize the importance of the health sector for the well-being of the country. It is a time when it is necessary to elevate the Slovak healthcare system to a modern European level. As part of its first day, ITAPA brings a separate stream of interesting discussions and presentations on how to develop Slovak healthcare. We will discuss data, innovation, public health, prevention and predictive methods, artificial intelligence, but also how to reasonably invest the billions that Slovakia will receive from the European Commission. The new topics and formats will be part of the first day of the ITAPA 2020 congress called Digital Talks.* **Healthcare data in managing clinical care and public health; visions and practicalities -** Adam Kozierkiewicz, JASPERS, European Investment Bank **Data analysis in healthcare: quo vadis? -** Róbert Babeľa, Ústav zdravotníckych disciplín VŠZaSP sv. Alžbety **What does the digital transformation of healthcare bring to the patient? -** Jozef Benčík, SAS Slovakia **Building Blocks for a National Health Data Strategy** - Daren Wilson, Roche Slovakia **DISCUSSION**	*How to reform Slovakia? – discussion* Chairman: Samuel Arbe, ITAPA *In the upcoming years, Slovakia will have access to several billion from various resources to implement key reforms in areas designed to mitigate the economic and social impacts of the global pandemic. The aim of this funding is to create a sustainable and more resilient economy that is prepared for the challenges related to green and digital transition.* **Panelists:** Tomáš Valášek, Committee of the National Council of the Slovak Republic for European Affairs Martin Giert, Plenipotentiary for Development of Civil Society Lívia Vašáková, Úrad vlády SR Peter Balík, MIRRI Peter Goliaš, INEKO
	Ignite session **Autonomous vehicle STU - from assembly plant to research centre** - Martin Galinski, FIIT STU **Leadership through data: Artificial intelligence meets steel -** Juraj Sabol a Robert Vandlík, U.S. Steel Košice **Inspirational story of the Bee -** Peter Kočalka, Bee Hive Monitoring	*Ignite session* **AIM COVID-19 -** Michal Ivantyšyn, ITAPA **Will computer treat us? Artificial intelligence and the future of healthcare -** Martin Spano, futurist	*Ignite session* **Open Strategies** - Tamás Szőke, Európske centrum manažmentu
12:15 – 13:15	**LUNCH**		

	Way to Industry 4.0 – discussion	New ESIF for Slovakia	How to Build a Modern and Innovative Hospital – discussion
13:15 –14:45	Chairman: Ľubomír Straka *Discussion panel focused on industry 4.0. Invited speakers are representatives of academia, industry, and professional associations.* **Panelists** Richard Sulík, Deputy Prime Minister of the Slovak Republic and Minister of Economy SR Peter Blaškovitš, SIEA Lukáš Demovič, SAV Emil Fitoš, ITAS Eva Stejskalová, MicroStep and other invited speakers	Chairman: Tamás Szőke, European center of management *More than 80% of public investments in Slovakia are financed from ESIF. 2020 is the very year in which the new funds will be set up for after 2021 period. The Ministry of Investment, Regional Development and Informatization plans to conduct a series of public consultations on how the new EU Funds should be designed to best reflect Slovakia's development needs and the investment gap. The European Commission has presented 5 policy objectives that it wants to pursue through cohesion policy. How new EU funds will be set up, if Slovakia will be able to increase the spending, when the programming period will really begin and what will be financed from it?* **Preparation for the next programming period in Slovakia – no time to lose** - Barbara Jermol Marcinčák, European Commisson, Directorate General for Regional and Urban Policy **New Programming Period -** Luboš Littera, MIRRI **Local government recommendations for new Eurofunds -** Michal Kaliňák, ZMOS **Open management of EU funds: partnership and cooperation from programming to implementation -** Miroslav Mojžiš, Office of the Plenipotentiary for Development of Civil Society **How to simplify Eurofunds?** - Matúš Drotár, MIRRI **DISCUSSION** panelists and Ľudmila Majláthová (Representation of the European Commission in Slovakia), Rudolf Urbánek (Microsoft Slovakia)	Chairman: Peter Musil, LF UK *One of the topics that resonate in the Slovak discussion about the quality of health care provision is the need to build new hospitals and modernize the existing network. Both the state and the private sector are taking concrete steps to create new hospitals in Slovakia. What should they look like, how should they operate and how should they ensure that hospitals provide services at European level?* **The digital hospital in Slovakia is no longer just a dream -** Vladimír Dvorový, Svet zdravia **New hospital in Martin -** Martina Antošová, Center for Science, Research and Development Support **Is a paperless hospital just a myth? -** Rastislav Karbas, Prosoft Košice **An efficient hospital -** Rastislav Karbas, Prosoft Košice and Tomáš Rohožka, Asseco Central Europe **DISCUSSION**
	Ignite session **Intelligent automation of e-commerce and retail logistics of Dedoles** - Peter Bilík, ANASOFT **Taking the mystery out of battery life -** Tibor Zavadil, BatteryCheck **Workforce management in energy using intelligent optimization platforms -** Viktor Cingel**,** PosAm **AI supercomputer** - Slavomír Maťašovský, Tachyum		*Ignite session* **Image processing -** Martin Smatana, Ministry of Education, Science, Research and Sports of the Slovak Republic **Industrial 3D Services - support for the performance and safety of front-line workers -** Mário Šotter, Novitech Group **SANOstation - health protection thanks to digital innovations** - Andrej Šturc, SANOSTATION
14:45 – 15:15	**Coffee-break**		

15:15 – 16:30	*High-speed connectivity for the development of industry and society* Chairman: Ľubomír Straka **PARTNER of this session: Orange Slovensko** **How 5G enters Slovakia -** Andrej Doležal, Minister of Transport and Construction of the Slovak Republic **V2X. Way to the future?** - Rafal Jaczyński, Huawei **National plan of broadband access and broadband goals of Slovakia** - Radoslav Repa, MIRRI **DISCUSSION** Andrej Doležal, Minister of Transport and Construction of the Slovak Republic Rafal Jaczyński, Huawei Milan Ištván, PPP Peter Čapkovič, Orange Peter Šebo, PS:Digital Ivan Marták, Office for the Regulation of Electronic Communications and Postal Services and other invited speakers	*Public procurement: How to buy innovations?* Chairman: Pavel Nechala, lawyer **PARTNER of this session: Pedal Consulting** *Slovakia has not been able to raise funds towards the end of the programming period. Projects cost money, which is not withdrawn. Now comes the new programming period with another package of resources. This time, so far the largest Reconstruction Fund resources are expected to be delivered. Up until now, the debate has been mainly focusing on how to prioritize them and what they should be used for. But are we even able to procure this money? Won´t it result in not being able to procure the resources and eventually lose access to them as the last time? What can be done to prevent such a situation? How to prepare for the biggest onslaught of procurement that Slovakia has ever experienced?* **A strategic use of PPI at EU level: P.A. modernisation, empowerment & economic re-launch -** Tomas Matraia, Strategy, Partnerships and Internationalization **Public procurement as a tool for building a modern and successful Slovakia** - Vladimír Oros, Tatratender **Innovative approaches in the field of public procurement - experience and practice in the European context -** Jana Bieliková, PEDAL Consulting **Platform of innovative solutions** - Michal Číž, MIRRI **DISCUSSION** panelists and Jaroslav Lexa (Public Procurement Office), Peter Kulich (Slovensko.Digital)	*Funding for Digitization and Innovation: How to Use the Billions from Brussels in Healthcare?* Chairman: Peter Musil, LF UK **PARTNER of this session: Dôvera, health insurance company** *The European Union is mobilizing resources to be directed to health, among other areas. An expert discussion on how to help the Slovak healthcare system, where to direct new resources and how to maximize their efficiency will be the subject of this panel discussion.* **DISCUSSION** Peter Balík, MIRRI Juraj Bárdy, Alisiq Martin Fojtik, Dôvera Martin Smatana, Patient Rights Protection Association
16:30 – 17:00	**End of the First Day of the Congress - Glass of Wine**		

Time	ITAPA 2020 Congress (Tuesday, 8th December, 2020)
7:30–8:30	**Registration of Participants, Morning Coffee**
8:30 – 10:20	*Building a Digital State* Chairman: Milan Ftáčnik, Slovak Information Society *eGovernment has been under construction in Slovakia since 2007. Is the situation, after 13 years from the beginning ideal, or do we still have big challenges ahead of us? Is the national concept of public administration informatization the right way? How do its creators evaluate the concept and implementation today? Do they see a shift compared to the critical evaluation of the OPIS and the fulfillment of the previous concept? How do state officials see it? How does the new ruling party see it? What is the situation regarding the security of eGovernment in Slovakia?* **Opening Speech: Building a Digital State -** Veronika Remišová, Deputy Prime Minister of the Slovak Republic for Investments and Informatization **Inside TikTok – Chaining up multiple web vulnerabilities for taking control -** Oded Vanunu, Check Point **Winter is coming – it is time to act! -** Taavi Kotka, Jio Research Center in Estonia **Digitization of the Czech Republic** - Vladimír Dzurilla, MV ČR **A seat at the tech table for everyone – why we need women in IT? -** Anja Monrad, Dell Technologies **Examples from digital transformation of fiscal ecosystem in Poland** - Tomasz Gajewski, Microsoft Poland
10:20 - 10:50	**Coffee-break**
10:50 - 12:10	*Digital transformation of the public administration* **How is digital transformation different from computerization, as we have known it so far? -** Emil Fitoš, ITAS **Preparation of a new concept of eGovernment -** Peter Kucer, MIRRI **Where is the innovative future of Slovakia?** - Roman Tuchyňa, Microsoft Slovakia **Do we do eGoverment for people?** - Pavol Frič, DITEC **Improving health with intelligence and connectivity -** Rafal Jaczyński, Huawei **mID -** Adrián Belánik, DEUS **Digital transformation without compromising trust -** Carsten Huth, Checkmarx **DISCUSSION**
12:10–13:10	**LUNCH**

13:10 –14:40	*Digital transformation of the public administration* Chairman: Milan Ftáčnik, Slovak Information Society	*Cities of the Future* Chairman: Martin Horváth, MIRRI	*Where are the digitally skilled people?* Chairman: Katarína Rausová, ITAPA
	eGovernment has been under construction in Slovakia since 2007. Is the situation ideal today, after 13 years from the beginning, or do we still have big challenges ahead of us? Is the national concept of public administration informatization the right way to go? How do its creators evaluate the concept and implementation? Do they see a shift compared to the critical evaluation of the OPIS and the fulfillment of the previous concept? How do state officials see it? How does the new ruling government see it? What is the situation regarding the security of eGovernment in Slovakia?	*Smart City - This collocation is extensively used by politicians, experts and municipal representatives. "Smart" has various definitions, from simpler to complex. They see Smart City as an ecosystem of city management, working with data, using analytical tools and deploying IoT solutions. This panel will offer a look at successful smart projects that have been successfully implemented. The world's metropolises, capitals, but also small towns and villages around the world are striving for transformation in many countries around the world. Today, they are in danger of rapid urbanization that often brings many problems. The smart city concept seeks to transform cities into intelligent organisms, whose main task is to ensure sustainable growth and a quality environment for their inhabitants. Come and get inspired on how to build the city of the future.*	*We already lack tens of thousands of specialists today. Society doesn´t only need highly-specialized IT staff with university degrees. We lack bachelors, people from technically oriented secondary vocational schools and also people whom companies or even the state do not have to train immediately after the start of the next six months. People who know how to work in teams, speak English well and can read with understanding. Is the question "Where are the digital skilled people" still relevant?*
	What works and what doesn't - Ľubor Illek, Slovensko.Digital **eDemokracy** - Vladimír Čavojec, INDRA **We don't know the future. Yet the preparation is possible** - Ludek Šafař, Dell Technologies **Transformation – yes or no?** - Ivo Kovačič, ATOS IT Solutions and Services **From eGovernment to Smart Government** - Viera Uherová, Oracle Slovakia **DISCUSSION** panelists Peter Kucer, MIRRI	**Smart self-government action plan** - Ján Masaryk, MAKERS **How to make work more efficient in one of the largest municipalities** - Malvína Melkovičová, Resco **The city deserves a city parking system** - Michal Bróska, PosAm **Are Slovak cities ready to be SMART? -** Miroslav Kulla, Východoslovenská energetika **Asseco SAMO as a platform (not only) for Smart City** - Filip Kadeřábek, Asseco Central Europe **Action plan of smart self-government as a tool for systematization of Smart Cities management in Slovakia** - Martin Horváth, Ministry of Economy of the Slovak Republic **How to build a data city** - Dagmar Ceľuchová Bošanská, Futuristiq **DISCUSSION** panelists and Viliam Kall, Veľký Šariš	**Human Resources for IT** - Ivan Láska, Trexima **UPSKILLING as an investment in the future of our country** - Marcela Havrilová, Microsoft Slovakia **Women - an opportunity for IT** - Anna Záhorčáková, DITEC **Where are the digital skills?** - Mário Lelovský, ITAS **Support for the development of digital skills in Slovakia** - Tomáš Jucha, MIRRI **What does it mean to be digitally skilled? -** Mária Bieliková, Kempelenov inštitút inteligentných technológií **DISCUSSION**

	Ignite session **Election results on your smartphone** - Andrej Časný, Oracle Slovakia **Holistic eGovernmnet architecture** - Pavel Hrabě, poradca českej vlády	*Ignite session* **Slovak self-governments also operate digitally and securely** - Roman Jedinák, DATALAN	
14:40 - 15:00	Coffee-break		
15:00 – 15:30	**Announcement of the winners of the ITAPA 2020 Award competition**		
15:30 – 16:30	*Discussion Round Table* Chairman:Milan Ftáčnik, Slovak Information Society *A new way of managing eGovernment. Why should it work this time?* *Discussion of key representatives of eGovernment* **A new way of managing eGovernment** – Marek Antal, MIRRI **Invited speakers:** Marek Antal (MIRRRI), Pavel Karel (NASES), Vladimír Dzurilla (MV ČR), Emil Fitoš (ITAS), Pavol Frič (DITEC), Gabriel Lachmann (Slovensko.Digital), Rastislav Janota (NCKB SK-CERT), Pavol Miroššay (Slovensko IT)		
16:30 – 18:00	Closing of the Second Day of the Congress - Raut		

Time	Cybertapa powered by ITAPA (Wednesday, 9th December, 2020)
7:30–8:30	Registration of Participants, Morning Coffee
8:30–10:00	*Cyber Security* Moderátor: Lukáš Neduchal, Cyber Security Association **Cyber Security in the Context of Hybrid Threats, Why Is It Necessary to Focus on Cyber Security?** - Rastislav Janota, NCKB SK-CERT **How is Slovakia getting ready for Chinese-like digital totalitarianism?** - Pavol Lupták, Nethemba **Wait for an attack from anywhere -** Andrej Aleksiev, Check Point **The Future of Now** – Ramses Gallego, MicroFocus **Don't give threats a chance with sophisticated EDR tools** - Július Selecký, ESET **Blind in one eye and blind in the other -** Roman Čupka, Flowmon Networks **AI-Driven Security Operations -** Zsolt Géczi, FORTINET **Cyber Security Association -** Ivan Makatura, KCCKB

Time			
10:00–10:30		**Coffee-break**	
10:30–12:00	***Cyber Security Legislation*** Chairman: Rastislav Janota, NCKB SK-CERT *Where are we in terms of legislation? Is regulation important? Is it a static condition or is it evolving?* **Panelists:** Ján Adamovský (SLSP), Blanka Vargová (U.S. Steel, Košice), Rastislav Kováč (UKP PPZ), Miloslava Gábrišová (Energotel), Dalibor Kačmář (Microsoft ČR)	***Cyber Security in Public Administration*** Chairman: Martin Florian, MIRRI *How is the state administration and self-government really doing? Is cyber security a priority? Do we procure projects baring safety in mind? Are we successful in this regard? Do we have enough cybersecurity experts?* **Experience with identity verification on mobile devices via biometrics** - Peter Kampa, SOFTEC **Towards Establishing High Standards for Secure Software in Public Procurement Processes -** Carsten Huth, Checkmarx **Panelists:** Andrej Bederka (Digitálna Koalícia), Richard Kiškovač (MIRRI), Martin Sulík (NASES), Peter Kampa (SOFTEC), Huth Carsten (Checkmarx)	***Incident Detection*** Chairman: Ondrej Bóna, SLSP *There are supposedly two types of organizations: those that have experienced a security incident and those that don't know about it. How to do detection correctly, starting from specific tools, through people, to processes, will be presented be people who have deployed surveillance in banks, hospitals and critical state systems.* **Data leakage detection in DNS communications with the help of machine learning on the Splunk platform -** Marek Kľoc, LYNX **How to effectively "hunt" threats and investigate incidents** - Július Selecký, ESET **AI based Virtual Security Analyst for SecOps** - Peter Kočík, FORTINET **Panelists:** Ján Andraško (Binary Confidence), Roman Čupka (Flowmon Networks), Marek Zeman (Tatra Banka)
12:00–13:00	**LUNCH**		
13:00 –14:30	***5G Network in Terms of Security*** Chairman: Rastislav Janota, NCKB SK-CERT *5G networks are a new challenge. Building a new generation of 5G networks in an evolving geopolitical environment involves new challenges. How to design and procure such networks to minimize risks?* **Achilles, we found 400 weaknesses in the QUALCOMM chip -** Tomáš Vobruba, Check Point **Panelists:** Marian Ščasný (Úrad pre reguláciu elektronických komunikácií a poštových služieb), Jaroslav Ďurovka (ORANGE), Juraj Eliáš (O2 Slovakia), Rene Summer (Ericcson), Tomáš Vobruba (CheckPoint)	***Incident Handling*** Chairman: Milan Pikula, NCKB SK-CERT *What are the most common types of security incidents? Come to learn from leading experts how security incidents are handled. How the type of incident affects the way it is solved. Experts will share their experiences and up-till-now unpublished stories about solving interesting incidents.* **Next-Gen SOC for a post-pandemic SecOps** - Ramses Gallego, MicroFocus **Panelists:** Marek Zeman (Tatrabanka), Martin Lohnert (Void SOC), Marián Trizuliak (ZSDIS), Peter Bielik (Národné centrum zdravotníckych informácií), Ramses Gallego (MicroFocus)	***Audit*** Chairman: Ivan Makatura, KCCKB *How to assess the level of cyber security? Differences between audit, testing and certification. What are the possible assessment objects and key risk indicators in cyber security?* **Panelists:** Vladimír Donáth (VÚB), Lukáš Neduchal (EMARK analytics), Marián Illovský (Cyber Security Competence and Certification Center), Štefan Čupil (PWC Slovakia)
14:30 - 14:40	**Intermission**		

	Digital Talk **Can we face hybrid threats and misinformation?**
14:30 - 15:30	**Invited guests:** Jaroslav Naď (Minister of Defense of the Slovak Republic), Ivan Korčok (Minister of Foreign and European Affairs of the Slovak Republic), Peter Kovařík (president of the Police Force), Rastislav Janota (NCKB SK-CERT)
15:30 - 16:00	**Closing of the Third Day of the Congress - Glass of Wine**