

International Congress ITAPA 2021 • November 8 - 10, 2021 (Monday-Wednesday)

11/8/2021- Modern Europe - Modern Slovakia

7:30 - 8:30	Registration, morning coffee
	Modern Europe - Modern Slovakia (Room: London) Chairman: Lucia Kondáš
	Keynote: Veronika Remišová, Deputy Prime Minister of Investments, Regional Development and Informatization of the Slovak Republic Effective digital government for a sustainable and resilient future: Ulrik Vestergaard Knudsen, Deputy Secretary-General, OECD How to make Slovakia the leader of modern Europe and the world: Radoslav Danilák, Tachyum How to become the best in the world: Matej Tóth, olympic winner
8:30 – 10:30	DISCUSSION: Why do we need a functioning and competitive digital state? A functioning digital state is not a luxury, but a necessity. In global competition, there is no longer a place for countries where government is inefficient. Today, the condition for success is a friendly administration, which decides quickly with a smaller number of people and which can create political strategies based on data analysis. Let us therefore discuss the importance of eGovernment and the reasons why such considerable resources need to be invested in it.
	Speakers: Ronald Blaško (AmCham), Radoslav Danilák (Tachyum), Mário Lelovský (Republican Union of Employers), Veronika Remišová (Deputy Prime Minister of Investments, Regional Development and Informatization of the Slovak Republic), Anna Záhorčáková (DITEC)
10:30 – 11:00	Coffee-break
	eGovernment as we don't know it (Room: London) Chairman: Lucia Kondáš
	We have been trying to achieve a state of effective eGovernment for many years. So far, this is hard to do, but now we have a new chance to finally be successful. So what can we gain from today's eGovernment and where can we really get to the horizon by the end of the parliamentary term?
11:00 –12:30	



The digital future of Slovakia

(Room: London I + II) Chairman: Lucia Kondáš

New national concept of public administration informatization. How to ensure the fulfillment of the state IT strategy? What projects are underway? What projects are planned? What is the roadmap for launching new projects? Back-end and front-end of the digital state.

Innovative Consent and Data Management: The Future of Privacy?: Arnold Kiss, Prosent

EBSI - European Blockchain Infrastructure in the Slovak Republic: Lukáš Hatala, Blockchain Slovakia We are opening a modern office for you: Roman

Jedinák and Roman Jaroš, DATALAN

National concept of public administration informatization: Martin Bezek, Ministry of Investment, Regional Development and Informatization of the Slovak

Republic

DISCUSSION

Vladimír Bednár, Ministry of Finance of the Slovak Republic

Ján Bučkuliak, Office of the Government of the Slovak Republic

Kamil Fako, Ministry of Interior of the Slovak Republic Ján Hargaš, Ministry of Investment, Regional Development and Informatization of the Slovak Republic L'ubor Illek, Slovensko.Digital Marián Marek, IT Association of Slovakia Public administration reform

(Room: London III) Chairman: Marta Jančkárová

Discussion of fundamental questions: Does the functioning of the state want and need reform? Do regions and cities have enough tools to implement the policy effectively? Do regions and cities work optimally? Or is it necessary to reopen a fundamental reform of the functioning of public administration?

Parking is not your destination: Vladimír Volf, Bratislava m.č. Nové Mesto

DISCUSSION

Radomír Brtáň, Obec Košeca Tomáš Černěnko, Ministry of Interior of the Slovak Republic

Richard Rybníček, Union of Slovak Cities Dušan Velič, Ministry of Investment, Regional Development and Informatization of the Slovak Republic Jozef Viskupič. SK 8

Gigabit Slovakia and innovative approaches in networking

(Room: Berlin) Chairman: Rado Repa

The content of the panel contains actual information about achieving of strategic materials The National broadband connection plan and The support of 5G networks development in Slovakia by responsible authorities. The European Commission in September published a new Report on the functioning of the European Union within which it substantially strengthens the goals of gigabit Europe. What does this mean for Slovakia? The discussants also touch the problems of implementing 5G networks in our environment and the estimated innovative trends in mobile and fixed access to connectivity in the coming years (6G, clouds, safe and low energetic Green Network Energy, new architecture of base stations, principe,,network on a chip". Panelists will also be invited to express an opinion on the topic of stronger appeal by European

Panelists will also be invited to express an opinion on the topic of stronger appeal by European politicians to technological autonomy of Europe in terms of telecommunications infrastructure and possible geopolitical or disinformation threats for the new communication technologies.

DISCUSSION

Milan Dado, University of Žilina
Pavel Guláš, telecommunications expert
Marek Chovanec, Slovak Telekom
Milan Ištván, PPP
Ivan Martak, Office for the Regulation of
Electronic Communications and Postal
Services
Tomáš Masár, O2 Slovakia
Zsolt Komszík, expert



15:00 – 15:30	Coffee-break		
	The endless story of the government	Modern technologies for cities	Where does the 20 miliard go?
	cloud	and regions	(Room: Berlin)
	(Room: London I + II)	(Room: London III)	Chairman: Tamás Szőke
	Chairman: Miroslav Pikus	Chairman: Marta Jančkárová	
	Speakers of the panel will deal with issue of the using of commercial cloud services by the state and the cloud in the state as such. The future of cloud services in the state: Martin Sulík,	Discussion about solutions for building modern technologies in cities and regions. Two Ministry of Investment, Regional Development and Informatization's challenges on the table right now which will change the lives of local governments.	What has been done well in the past and what has been bad? How to set up processes so that resources for the new period are efficient, fast and effective? When will the Recovery Fund start to be used and in what way. How is ESIF doing? When can the first challenges be expected?
15:30 – 17:00	DISCUSSION Martin Blažek, IT Association of Slovakia Peter Kulich, Slovensko.Digital Pavol Maliarik, Ministry of Interior of the Slovak Republic Tomáš Mydliar, DELL Technologies Peter Pecserke, Hewlett-Packard Enterprise Mikuláš Strelecký, InterWay	Promoting the smart development of cities and regions: modern technologies and other priority areas: Juraj Hošták, Ministry of Investment, Regional Development and Informatization of the Slovak Republic Modern technologies to the satisfaction of drivers in the winter: Ondrej Svačina, SOFTEC Parking as a digital experience: Michal Bróska, PosAmin the east there is said to be nothing: Martin Noskovič, ALAM and Heliodor Macko, SEAK Inspiring Smart City Story in Longgang, Shenzhen with Huawei: Rudolf Hruška, Huawei Technologies From international experience to Slovak scenario of telehealth infrastructure development: Sergey Kutsevlyak, SK-Telemed Modern technologies for cities and regions - digital infrastructure for smart cities: Miriam Kováčiková, Ministry of Investment, Regional Development and Informatization of the Slovak Republic	DISCUSSION Martin Hakel, Regional Policy Institute of the Bratislava Region Mária Machajdíková, SOCIA – Social Reform Foundation L'udmila Majláthová, Representation of the European Commission in Slovakia Julianna Orbán Máté, European Grouping of Territorial Cooperation Via Carpatia Ján Ridzoň, Ministry of Investment, Regional Development and Informatization of the Slovak Republic



17:00 – 18:00	Break
18:00 – 19:30	ITAPA OPEN TALK: How to build a functioning digital state, or why should it be possible now? (Room: Lobby) Chairman: Zuzana Kovačič Hanzelová
	Discussants: Pavol Frič (IT Association of Slovakia), Michal Géci (Office of the Government of the Slovak Republic), Ján Hargaš (The Ministry of Investment, Regional Development and Informatization of the Slovak Republic), Peter Kulich (Slovensko.Digital), Martin Sůra (ATOS IT Solutions and Services)
19:30 – 20:00	Glass of wine

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11/9/2021 - Next generation EU

7:30 - 8:30	Registration of participants, morning coffee
	Next generation EU - Next generation Slovakia (Room: London)
	Chairman: Norbert Kurilla
	Make it Green / Make it Digital / Make it Healthy / Make it Strong / Make it Equal Will the European Union survive? Will it stay in competition with other global powers? Will Europe remain the best place to live? Will the current Recovery Plan for Europe provide us with the much-promised sustainability, a healthy environment, or an educated and healthy generation? We will talk about what the next generation Europe will be like, what its main pillars are and what they will mean for the Member States and for us.
	Opening speechu: Vladimír Lengvarský, Minister of Health of Slovak Republic Fair and resilient Europe and Slovakia in it: Vladimír Šucha, UNESCO
8:30 – 10:30	DISCUSSION: In what country do we want our children to live in? Is Slovakia doomed to be the periphery of Europe, or can we positively surprise? In what country do we want the next generation to live in? What should Slovakia look like in the EU in five, ten or twenty years? What should be our main goals? Is there a general consensus here, or does the idea of it differ fundamentally?
	Michaela Kršková, Government Office of the SR
	Jozef Masarik, Comenius University Bratislava
	Richard Prokypčák, SPP Svetlana Síthová, The Ministry of Education, Science, Research and Sport of the Slovak Republic
	Pavol Šajgalík, Slovak Academy of Sciences
	Vladimír Šucha, UNESCO
	Michal Vašečka, sociologist
10:30 – 11:00	Coffee-break



	Slovakia as an innovative power (Room: London) Chairman: Alena Kuišová		
11:00 - 12:30	Innovation is a major tool for economic growth. Not oil, not gold, not soil, but innovation. Without innovation, countries end up in the trap of a middle income, becoming eternal assembly workshops. Innovation, on the other hand, opens the door to a truly advanced economy with strong research and its own high-tech segment. The bad news for Slovakia is that we are one of the worst in innovation in the EU, far worse than, for example, the Czech Republic. The good news, however, is that other countries, which have been in much more difficult conditions, have managed to become innovative powers. So why wouldn't Slovakia be able to do it as well?		
	Why visions fail: Ján Uriga, innovative strategist From zero to global success: the path of the Slovak Ir How EU regulation can threaten SK innovation: Micha We are entering the EXA-scale era of supercomputing HPC and quantum technologies as drivers of innovati Innovation and Healthcare 5.0: Martina Antošová, Minis How to be the best in digital innovation: Filip Dřímalka	I Kardoš, Slovak Alliance for Innovation Economy J. What are the challenges and effects of promoting on and the digital transition: Gustav Kalbe, DG Conr try of Health of Slovak Republic	
12:30 – 13:30	LUNCH		
13:30 –15:00	Industry transformation (Room: London I + II) Chairman: Miroslava Aleksieva How to get the industry to a higher level of digitization, but also open it to innovation and the dynamics of the country. Slovakia is a country built on industry, but people still do not have the necessary skills. How can we transform our industry in this context? The digital transformation of industry: capitalising on European ecosystems: Willem Jonker, EIT Digital Presentation: Emil Fitoš, IT Association of Slovakia DISCUSSION Emil Fitoš, IT Association of Slovakia Miroslav Dilský, EdgeCom Martin Kele, Matador	Modern regional education - needs, trends, innovations (Room: London III) Chairman: Roman Bomboš Regional education is the cornerstone of a country's quality education system. The complex ecosystem of schools and school facilities deserves an increased level of attention from the state and the need for its modernization is essential. The global pandemic pointed to the unpreparedness of setting up the system and the burden of responsibility remained on teachers and school staff. What are today's needs in regional education? How do teachers themselves see its future? What technologies are used by developed countries today to increase the quality of the educational process? What innovations do we plan to introduce into education and what are the trends in education and learning? This and much more will be in discussion on the topic of Modern Regional Education - needs, trends, innovations.	Healthcare reform (Room: Berlin) Chairman: Robert Babel'a Healthcare has to be reformed. Important part of the reform is the concept of Value Based Healthcare (VBHC). It has, in principle, three basic objectives: to improve healthcare for the patient and, in fact, his perception and experience of the care itself, to improve the health of the population and to reduce the overall cost of healthcare per capita. There is no better time to discuss this concept than at the present time, when we are launching a key health care reform in Slovakia. Is VBHC a suitable tool or way? And what can it offer to our healthcare system? Value Based procurement in healthcare: Pavol Lepey, Roche Slovensko



	Oliver Moravčík, Slovak University of Technologies in Bratislava	OpenLab - program of secondary vocational education in IT: Tomáš Božik, OpenLab Welcome to the teaching of the future: Martin Minárik, Nexineo Program of digital competencies coordinators: Alena Kanabová, Accenture Advanced Technology Center Digital education - Bridging the future digital divide: Colin Cui Yu, Huawei Technologies The development of a new field of study builds a bridge between tradition and innovation: Eva Guliková, Ekofond SPP DISCUSSION Svetlana Síthová, The Ministry of Education, Science, Research and Sport of the Slovak Republic Mário Lelovský, IT Association of Slovakia Peter Pallo, teacher of the year 2020	Laboratory diagnostics is the key to effective treatment of (and) healthcare: Peter Lednický, Unilabs As the digital hospital is born, blueprint is at the beginning: Peter Balco, ATOS IT Solutions and Services DISCUSSION Peter Ferjančík, Ministry of Health of the Slovak Republic Martin Kultan, Dôvera Health Insurance Company Marian Šóth, Association of Private Physicians
15:00 – 15:30	Coffee-break		
15:30 – 17:00	Why do we need supercomputers? (Room: London I + II) Chairman: Michal Čiž Are supercomputers and high-performance computing (HPC) essential for enabling advancement and innovations? Where are they indispensable even now? Who can use them and how? Join the discussion with Slovak experts about the HPC ecosystem in Slovakia, plans for the future and whether we are ready for the next generation of exascale supercomputers. How is Slovakia doing with supercomputing?: Lukáš Demovič, Slovak Academy of Science Modeling of 2D semiconductors using methods of exascale computing: Ivan Štich, Institute of Physics of	Cyber security staff can also be trained using modern methods (Room: London III) Chairman: Matej Šalmík The discussion panel will focus on state-of-the-art ideas on how to specialize, improve and, most importantly, attract employees' attention to information security training. DISCUSSION Marian Klačo, Volkswagen Slovensko Diana Legdanová, VSE Holding Jozef Úroda, Tatra bank Tomáš Zaťko, Citadelo	Data as a medicine for healthcare (Room: Berlin) Chairman: Alena Kuišová Data can work wonders in every area of life. Data has become a key topic over the last two decades, mainly due to the potential they hold. Various public and private organizations create, collect and analyze data to improve the quality of their services. Data for the healthcare sector represent the same benefit. Is the Slovak healthcare system ready for the "data-driven" era, are we able to collect data and evaluate it effectively? What trends does Slovakia follow and should it follow? Is the state preparing any legislative changes or projects in this area? All of these issues will be



the Slovak Academy of Science discussed in the panel Data as a medicine for healthcare. Who can afford artificial intelligence today?: Mária Bieliková, Kempelen Institute of Intelligent Technologies, Bratislava HAIDi - artificial intelligence helps hospitals: Is a supercomputer usable only for science?: Robert Jakub Kozák, Datlowe Cisár, Tachyum Data-driven Dôvera: Martin Fojtík, Dôvera Health HPC and numerical weather forecast in Slovakia: Insurance Jozef Vivoda, Slovak Hydrometeorological Institute Deployment of lab.online as a tool for patient The supercomputer is not just about computing management in laboratory examinations for power: Luboš Kolář, Hewlett-Packard Enterprise self-payers: Gabriel Gaidoš, Unilabs The value of data in healthcare: Jozef Benčík, **DISCUSSION** SAS Slovakia Panel speakers Digital evolution of the drug preparation and Luboš Kolář, HPE administration process: Rastislav Karbas, Prosoft DISCUSSION Milan Andrejkovič, The Ministry of Investment, Regional Development and Informatization of the Slovak Republic Pavol Capek, National Health Information Centre Lukáš Palaj, Ministry of Health of Slovak Republic Martin Smatana, Patient Rights Protection Association Róbert Suja, consultant Petra Zappe, AmCham Break 17:00 - 18:00



	ITAPA OPEN TALK: How to make Slovakia an innovative superpower (Room: Lobby) Chairman: Juraj Porubský
18:00 – 19:30	Are there any ideas in Slovakia that are in some way the best in the world? Are there any ideas with the potential to break into the global market? Do we have an environment and institutions that help and motivate this? What are the main obstacles and, in particular, what should we do to make Slovakia an innovative superpower?
	Speakers: Emil Fitoš (IT Association of Slovakia), Martin Kanovský (Ministry of Education, Science, Research and Sport of the Slovak Republic), Peter Lukeš (businessman and investor), Ivan Mikloš (MESA10), Dušan Velič (The Ministry of Investment, Regional Development and Informatization of the Slovak Republic)
19:30 - 20:00	Glass of wine

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11/10/2021 – A safe country in the digital age

7:30 - 8:30	Registration of participants, morning coffee		
	EU AND NATO: how to build a safe Europe (Room: London)		
	Opening of the 3rd Congress Day		
8:30 - 9:30	DISCUSSION Martin Klus, Ministry of Foreign and European Affairs of Slovak Republic Marian Majer, Ministry of Defence of Slovak Republic Vladimíra Marcinková, Committee of the National Council of the Slovak Republic for European Affairs Tomáš Valášek, Committee of the National Council of the Slovak Republic for European Affairs		
	A safe country in the digital age (Room: London)		
9:30 - 11:00	Cyber security - who does it depend on?: Rastislav Janota, National Security Authority SK-CERT TALOS Threat Intelligence - how Cisco helps keep the digital world safe: Peter Mesjar, CISCO Ransomware, and when it happens to you?: Tomáš Hlavsa, ATOS IT Solutions and Services Penetration testing: Petr Dočekal, Asseco Central Europe The amendment to the Cyber Security Act calls for automation: Roman Čupka, Kemp Flowmon		



	Zero Trust Network Access as one of the basic pillars of security in today's digital world: Jaro Stoličný, Fortinet How to reduce the impact of misinformation in the online space?: Dominika Hajdu, Centre for Democracy & Resilience GLOBSEC Cyber security also has its trends, averted face and milestones: Pavel Nechala, Attorney		
11:00 – 11:20	Coffee-break		
11:20 – 12:20	European space research (Room: London) Despite decades of research, space remains a place hungry for further exploration. Online watching of space flights is becoming a routine for a large part of the population of the planet Earth, commercial projects and visions of space tourism are no longer scientific fiction. Does the commercialization of the space help its discovery? What's next? Where does the potential of the space remain unexplored? Unlike the space, does space research have its limits in it? How to prevent military misuse of outer space? Between industry and government institutions, who is creating space policy and who is implementing and catching up? Keynote: Sa'id Mosteshar, London Institute of Space Policy and Law DISCUSSION Vladimír Bednár, Ministry of Finance of Slovak Republic Tomáš Hrozenský, European Space Policy Institute Matej Poliaček, International Space Station Flight Operations Jana Rovňanová, Ministry of Education SR Jiří Šilha, Faculty of Mathematics, Physics and Informatics Comenius University Bratislava		
12:20 – 13:20	LUNCH		
13:20 - 14:50	New disruptive technologies in defense and Security and the European Defense Fund (Room: London I + II) Chairman: Adela Bobovská Presentation: Michal Olexa, European Commission Presentation: Michał Rekowski, Kościuszko Institute Will artificial intelligence protect us from cyber threats? Juraj Nemeček, TEMPEST AI - let's not miss another train!: Andrej Aleksiev, IT Association Slovakia DISCUSSION Michal Trnka, Gerulata	Quantum technologies (Room: London III) Chairman: Juraj Kubica We have been using knowledge and phenomena from quantum physics in practically all technologies since the middle of the 20th century. At present, we are at the beginning of the development of second-generation quantum technologies, which work with the quantum properties of individual quantum systems and change the very principles of technology operation. In this panel you will learn what quantum technologies are about, what will be the benefit of quantum communication infrastructure and quantum computers, what is happening in this area in the world and what are the possibilities and plans in Slovakia. We will also discuss what all the development of quantum technologies is related to, what resources and investments their development requires and which areas of the	Technology trends for cybersecurity and defense security (Room: Berlin) Chairman: Peter Matej Technology trends for cybersecurity Achilles - a reinforcement of cyber security: Ferdinand Vavrík, CSIRT MIRRI Hunting season: Ján Kromel, Lynx EDR tool ESET Enterprise Inspector and its practical use: Ondrej Krajč, ESET Are you vaccinated against ransomware?: Marián Kuna, Oracle The protection of your end devices is sufficient: Jaroslav Stoličný, Fortinet



	and other invited guests	economy and society will potentially be affected by their development. DISCUSSION Djeylan Aktas, Institute of Physics, Slovak Academy of Sciences Vladimír Bužek, Slovak Academy of Sciences Miroslav Grajcar Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava Rupert Ursin, Qtlabs Mário Ziman, Slovak Academy of Sciences	IT / OT security in industry: Michal Sekula, ATOS IT Solutions and Services DISCUSSION Pavol Adamek, InterWay
14:50 - 15.00	Coffee-break		
14:30 – 16:00	How to build a secure digital state (Room: London I + II) Chairman: Peter Matej Trends in cyber and information security in the public sector: Martin Florian, Ministry of Investment, Regional Development and Informatization of the Slovak Republic Clashing - increase the security habits of your employees in information and cyber security: Martin Valko, ANECT How to proactively protect against data loss, restore and backup storage with Pure Storage: Andrej Mišík, Veracomp Slovakia Identity is becoming a new perimeter and it is crucial to prepare strategies for its security: Daniel Hetényi, CyberArk The weakest link is the user!: Tomáš Barta, Proofpoint/Veracomp Slovakia	How to certify the security of cloud services in accordance with EU requirements? (Room: London III) Chairman: Róbert Kormaňák Certification of process and service products (collectively, "products") in cybersecurity is the process by which an accredited conformity assessment body provides written assurance that a product, process, service, or system is in compliance with specific requirements. Certification is the most formal, but also the most reliable in a number of conformity assessment methods. Based on the mandate given by EU Regulation no. 2019/881 on ENISA and on the certification of cyber security of information and communication technologies, ENISA set up an ad-hoc working group working on the preparation of a candidate scheme for EUCS (European Cybersecurity Certification Scheme for Cloud Services). How to assess the security of cloud services in line with the European Cyber Security Certification Framework as well as the requirements for accreditation and market surveillance in relation to the marketing of products? DISCUSSION	Do not be afraid to report vulnerabilities and do not hesitate to accept such notification (Room: Berlin) Chairman: Matej Šalmík Vulnerabilities are a natural part of products and services. It is almost impossible to avoid them. Today, there are ethical hackers and security researchers whose daily routine is to find vulnerabilities and report them to affected organizations. How should they behave when notifying? Why is it good when an ethical hacker finds a vulnerability instead of an attacker? On the other hand, what are the rules for the organization where they have found the vulnerability and what measures should be taken to manage the vulnerabilities? DISCUSSION Pavol Capek, National Health Information Centre Tomáš Suchý, SUCHÝ & PARTNERS Roman Varga, DÔVERA Health Insurance Tomáš Zaťko, Citadelo



	Ivan Makatura, Cyber Security Competence and Certification Center Rastislav Neczli, professional consultant for cloud services Juraj Pankuch, MIRDI Miroslav Pikus, independent consultant Martin Senčák, Slovak National Accreditation Service		
16:00 – 16:30	Break		
16:30 – 17:30	ITAPA OPEN TALK: Slovakia swept by misinformation (Room: Lobby) Chairman: Zuzana Kovačič Hanzelová Speakers: Ivan Korčok (Minister of Foreign and European Affairs of the Slovak Republic), Roman Mikulec (Minister of the Interior of the Slovak Republic), Jaroslav Naď		
	(Minister of Defense of the Slovak Republic), Veronika Remišová (Deputy Prime Minister of Investments, Regional Development and Informatization of the Slovak Republic)		
17:30 – 18:00	Glass of wine		

This program is provisional and will be subject to change. Arrange an <u>online meeting through the matchmaking platform</u> provided for ITAPA by the SBA agency.