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İQTİSAD  
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AZƏRBAYCAN RESPUBLİKASININ  
İQTİSADİYYAT NAZİRLİYİ



AZƏRBAYCAN RESPUBLİKASI  
NƏQLİYYAT, RABİTƏ VƏ YÜKSƏK  
TEKNOLOGİYALAR NAZİRLİYİ



AZƏRBAYCAN RESPUBLİKASI  
TƏHSİL NAZİRLİYİ



One Belt One Road  
Alliance for Science  
and Technology

**INTERNATIONAL CONFERENCE**

**DIGITAL ECONOMY:**

**MODERN CHALLENGES AND REAL OPPORTUNITIES**

**PROGRAM**

**13-14 February 2020**

**UNEC**

**Baku / Azerbaijan**

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Almaty University of Energy and Telecommunications; National Academy of Engineering, Almaty, Kazakhstan

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Director of the "One Belt, One Road" and Institute for Global Development, Xi'an Jiatong University, Beijing, China

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Head of the Organization of Scientific Research Activities of Talented Students, Tashkent Branch of Russian State University of Oil and Gas named after I.M.Gubkin, Tashkent, Uzbekistan

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Head of the Department of Social Development Economy And Pricing, Azerbaijan State University of Economics (UNEC), Baku, Azerbaijan

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Head of the Department of Organization of Trade and Customs, Azerbaijan State University of Economics (UNEC), Baku, Azerbaijan

**Prof. Mahish Ahmadov**

Head of the Department of Regulation of Economy, Azerbaijan State University of Economics (UNEC), Baku, Azerbaijan

**Prof. Alijan Babayev**

Head of the Department of Economic Theory, Azerbaijan State University of Economics (UNEC), Baku, Azerbaijan

**Prof. Umudvar Aliyev**

Head of the Department of Theoretical and Practical Economy, Azerbaijan State University of Economics (UNEC), Baku, Azerbaijan

**Four Seasons Hotel Baku**  
*(Neftchilar Avenue 1, Baku)*

9 <sup>00</sup> - 10 <sup>00</sup>	<b>REGISTRATION</b>
10 <sup>00</sup> - 11 <sup>00</sup>	<b>OPENING REMARKS</b> <b>Prof. Adalat Muradov</b> - Rector, Azerbaijan State University of Economics (UNEC) <b>Mikayil Jabbarov</b> - Minister of Economy of the Republic of Azerbaijan <b>Ramin Guluzade</b> - Minister of Transportation, Communications and High Technologies of the Republic of Azerbaijan <b>Jeyhun Bayramov</b> - Minister of Education of the Republic of Azerbaijan <b>Prof. Yongxue Lie</b> - “One Belt-One Road” Alliance for Science and Technology, Executive President, Beijing, China
11 <sup>00</sup> - 12 <sup>00</sup>	<b>KEYNOTE SPEAKERS</b>
11 <sup>00</sup> -11 <sup>20</sup>	<b>Prof. Claudia Loebbecke</b> Director of Media and Management Technologies Department, University of Cologne, Cologne, Germany <b>How Digitization, Data Analytics, and Artificial Intelligence Transform Business and Society?</b>
11 <sup>20</sup> -11 <sup>40</sup>	<b>Alex Kaplun</b> Venture Partner at Titanium VC President of Israel-Azerbaijan Chamber of Commerce <b>Digitalization evolution through the eyes of venture capital investors</b>
11 <sup>40</sup> -12 <sup>00</sup>	<b>Prof. Zongxian Feng</b> Director of “One Belt-One Road” and Global Development Institute, Xi’an Jiaotong University, Beijing, China <b>Development of digital economy and trade within the "one belt and one road" project</b>
12 <sup>30</sup> – 13 <sup>30</sup>	Lunch
14 <sup>00</sup> – 17 <sup>00</sup>	Concurrent sessions
18 <sup>00</sup>	Gala dinner

# SECTION 1

## DIGITAL TRANSFORMATION OF PUBLIC ADMINISTRATION

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*UNEC, Conference Hall, Room № 211*

### **Moderators:**

**Prof. NURAY TERZI**, Institute of Social Sciences, Marmara University, Istanbul, Turkey

**Prof. YELENA SHKARUPETA**, Department of Digital and Field Economics, Voronezh Technical University, Voronezh, Russia

- **Sagiroglu C.** Micro-service architecture in e-government solutions and digital maturity model (TUBITAK BILGEM Software Technology Research Institute (YTE), Istanbul, Turkey)
- **Aliyev E.** Automatic processing system of citizen requests in digital government framework (Institute of Control Systems of Azerbaijan National Academy of Sciences, Baku, Azerbaijan)
- **Kolyaqa V., Semashko N.** Public Administration in the Digital Transformation Era (Academy of Public Administration under the President of the Republic of Belarus, Minsk, Belarus)
- **Khasanshin I.** Digital economy as a radically new basis for the development of state government, business and society (Povolzhskiy State University of Telecommunications & Informatics, Samara, Russia)
- **Hasanova Z.** The main principles and importance of “E-Government” in Azerbaijan (UNEC, Baku, Azerbaijan)
- **Movsumova. F.** Digital trends of public administration (Academy of Public Administration under the President of the Republic of Azerbaijan, Baku, Azerbaijan)
- **Shkarupeta E. Kazartseva A.** Recommendations for the formation of the external innovation management system (Voronezh State Technical University, Voronezh, Russia)
- **Terzi N.** Digital Economy: Risks and Solutions (Marmara University, Istanbul, Turkey)
- **Guliyeva A., Rzayeva U., Huseynova R.** Impact of unemployment on GNP in modern conditions: case of Azerbaijan (UNEC, Baku, Azerbaijan)
- **Musayeva A.** Digital transformation process in public administration and governance within new opportunities: case study of Azerbaijan (UNEC, Baku, Azerbaijan)
- **Majidli F., Sultanli L.** E-government applications in Azerbaijan (UNEC, Baku, Azerbaijan)
- **Mazanova O.** Developmental perspectives of citizens’ it skills at electronic government (UNEC, Baku, Azerbaijan)



- **Pereslavytseva I., Kulakova A.** Risk management in conditions of digital transformation (Voronezh State Technical University, Voronezh, Russia)
- **Hodeish M., Humbe V.** Half-toning techniques based on error diffusion for electronic governance (Ramananda Tirta Maratvada University, Maharashtra, India)
- **Salayev E.** Assessment of current status of establishment of e-services in Azerbaijan and problems regarding electronic information support (UNEC, Baku, Azerbaijan)
- **Mammadova L.** Controlling as an enterprise management tool (UNEC, Baku, Azerbaijan)
- **Poponova T.** State Development of Digital Potential of Belarus Republic (Academy of Management under the President of the Republic of Belarus, Minsk, Belarus)
- **Alizada T.** Importance of National Innovation System (NIS) for Azerbaijan to transform into digital economy (UNEC, Baku, Azerbaijan)
- **Nadjafova Z.** Strategy and development of digital economy in Azerbaijan (UNEC, Baku, Azerbaijan)
- **Khankishiyeva J.** Digital economy development stages (UNEC, Baku, Azerbaijan)
- **Samedzade E.** The digital economy and national interests (UNEC, Baku, Azerbaijan)
- **Khanlarzade S.** The economic importance of digital economy (UNEC, Baku, Azerbaijan)
- **Abdullayeva G.** Modern problems of transition to digital economy and ways to solve them (UNEC, Baku, Azerbaijan)

## SECTION 2

### REGIONAL POLICIES IN DIGITAL PARTNERSHIP

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*UNEC, Haydar Aliyev Center, Room № 305*

#### **Moderators:**

**Prof. ALEKSEY BIKOV**, Belarus State University of Economics, Prorector on Scientific Affairs, Minsk, Belarus

**Ph.D. RENYING LI**, “One Belt-One Road” Alliance for Science and Technology, Deputy Executive President, Beijing, China

- **Markelov K.** Collaboration of the scientific and educational potential of the Caspian Sea region as a factor in the growth of competitiveness in the global economic space (Astrakhan State University, Astrakhan, Russia)
- **Guo J.** Chinese culture going abroad: Opportunities and Challenges in the context of digital economy (School of Foreign Studies in Xi'an Jiaotong University, Beijing, China)
- **Khalilov E., Khalilova T., Li R.** Caspian route of Silk Way and idea of it's possible restoration (International Academy of Sciences AS H&E; “One Belt – One Road” Alliance for Science and Technology, Beijing, China)
- **Bukau A., Khaustovich N., Shutsilin V.** Energy sector input-output analysis: case of Belarus (Belarus State Economic University, Minsk, Belarus)
- **Safonov E., Kirsanov S.** Digitalization in Russia: challenges and real opportunities (Russian State University for the Humanities, Moscow, Russia)
- **Ahmedjanova Q., Karimova R.** E-Agriculture in Uzbekistan (Qubkin Russian State University of Oil and Gas, Tashkent, Uzbekistan)
- **Kuldosheva G.** Challenges and Opportunities of ICT-LED PUBLIC sector reforms in transition economies: examination of the case of Uzbekistan (Information & Analysis Department of E-government and Digital economy project management centre under NAPM. Tashkent, Uzbekistan)
- **Bobokhujaev Sh., Otakuziyva Z.** Modern trends in the development of the digital economy in Uzbekistan (Gubkin Russian State University of Oil and Gas, Tashkent, Uzbekistan)
- **Litvinenko I.** Digital and innovative processes in the Russian economic sphere: analytical aspect (Moscow State University of Humanities Economics, Moscow, Russia)
- **Qandilova S.** Modern digital business in the sphere of tourism (UNEC, Baku, Azerbaijan)
- **Abbasov A., Ibrahimov O.** Digital Economy: global trends and advantages for developing countries (UNEC, Baku, Azerbaijan)
- **Hajiyeva L., Hamidova L.** Features of the use of digital technology in the tourism sector (UNEC, Baku, Azerbaijan)

- **Aliyev Sh.** Formation and development of the digital economy (Chinese experience) (Sumgayit State University, Sumgayit, Azerbaijan)
- **Guliyeva A., Rzayeva U., Guliyeva G.** Relationship between renewable energy and economic indicators of the countries in the Caspian sea region (UNEC, Baku, Azerbaijan)
- **Bondarenko V.** On some legal aspects of an inclusive digital economy in the Republic of Belarus (Belarusian State Economic University, Minsk, Belarus)
- **Elimanova Zh.** Development of the digital economy in Kazakhstan (Kazakh University of Economy, Finance and International Trade, Nur-Sultan, Kazakhstan)
- **Sverlov A., Akulich I., Hajiyeva L.** Digital economy in the Republic of Belarus and the Republic of Azerbaijan (Belarusian State Economic University, Minsk, Belarus; UNEC, Baku, Azerbaijan)
- **Nureev R., Karapayev O.** Three stages of formation of digital economy (Russian Academy of Science, Moscow, Russia)
- **Aliyeva T.** On the application of the digital economy in the oil cluster (Azerbaijan University, Baku, Azerbaijan)
- **Ismayilov I.** The currents state of the labour market in Azerbaijan's digital economy and the problem of employment (UNEC, Baku, Azerbaijan)
- **Gasimov Y., Pashayev A., Agamalyeva L.** The role of national strategy in the development of the digital economy (Azerbaijan University, Baku, Azerbaijan)
- **Amanova L.** Food security in the field of electronic agriculture (UNEC, Baku, Azerbaijan)
- **Abbasova Kh., Azimov Y.** Financial Modelling: Technological applications on fixed income instruments in Azerbaijan (UNEC, Baku, Azerbaijan; TMF company, Amsterdam, the Netherlands)
- **Mikayilova R.** Development of an integrated approach method for forecasting the commodity market in order to determine the dynamics of the development of important sectors of the economy (UNEC, Baku, Azerbaijan)

## SECTION 3

### DIGITALIZATION OF FINANCIAL SECTOR

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*UNEC, White Hall, Room № 121*

#### **Moderators:**

**Prof. ZAHID MAMMADOV, Director of the Organization and Management of Scientific Activities Department ,Azerbaijan State Economic University (UNEC), Baku, Azerbaijan**

**Prof. ÁGNES CSÍSZRIK-KOCSIR, Director of the School of Management and Business, Obuda University, Budapest, Hungary**

- **Vasiliauskaite A.** Development of Lithuanian Financial Sector in Digitalization Environment: New Opportunities and Challenges (Mykolas Romeris University, Vilnius, Lithuania)
- **Sokolov V.** The Network Effects on the Interbank Market (National Research University – Higher school of Economics, Moscow, Russia)
- **Abdullayev A.** Regulatory Sandbox stimulates innovation in the digital economy (Electronic and Digital Financial Services Project, IFC, Baku, Azerbaijan)
- **Babayev O.** IT startups and ecosystem in Azerbaijan / Finansing and Growth of Tech Startups in Azerbaijan (Asian Development Bank, Baku, Azerbaijan)
- **Astrovsky A., Dymkov M.** Mathematical model of distribution and optimization of the total budget in interconnected generations (Belarusian State Economic University, Minsk, Belarus)
- **Csiszárík-Kocsir Á., Garai-Fodor M.** Generation differences in banking, based on the results of Hungarian quesitonnaire survey (Obuda University, Budapest, Hungary)
- **Sembiyeva L., Jagyparova A.** Development of the fintech industry problems in Kazakhstan (Eurasian National University named after L.N. Gumilyov, Nur-Sultan, Kazakhstan)
- **Ibrahimov K.** Digital transformation in the banking sector: development trends and challenges (UNEC, Baku, Azerbaijan)
- **Abesadze N., Kinkladze R., Abesadze O.** The Role of Digital Technology in Improving Banking Services (Tbilisi State University named after I. Javakhishvili; Georgian Technical University; Caucasus University, Tbilisi, Georgia)
- **Hatipoglu M.** Credit rationing in participation banks: evidence from Turkey (Cankırı Karapekin University, Cankırı, Turkey)
- **Kornyluk R., Kornyluk A.** Rating of banksfor regtech solutions (Kiev National Economic University named after Vadym Hetman, Kiev, Ukraine)
- **Baksheev G.** Digitalization of the Russian banking sector, tendens and trends (Novosibirsk State University, Novosibirsk, Russia)

- **Morozevich O.** Working with the office space of the bank in the context of digitalization (Belarusian State Economic University, Minsk, Belarus)
- **Shalnev O., Greshonkov A.** Practical cases of complex systems digital transformation (Voronezh State Technical University, Voronezh, Russia)
- **Guliyev H.** Sense of Big Data: applications in banking system of Azerbaijan (UNEC, Baku, Azerbaijan)
- **Kashiyeva F., Huseynova A.** New trends of the innovative activities of banks in Azerbaijan (UNEC, Baku, Azerbaijan)
- **Zamanova S.** The role of e-finance in ensuring effective e-government services (Academy of Public Administration under the President of the Republic of Azerbaijan, Baku, Azerbaijan)
- **Vəliyev T.** Artificial Intelligence in Modern Financial Technologies (Suleyman Demirel University, Isparta, Turkey)
- **Csiszárík-Kocsir A., Garai-Fodor M.** The impact of financial literacy on payment habits in the digital world, based on the results of a questionnaire survey (Óbuda University, Budapest, Hungary)
- **Kovalenko V., Sheludko S.** Financial technologies' impact on the development of banking (Odessa State University of Economics, Odessa, Ukraine)
- **Ibrahimov V.** Impacts of digital technologies in financial services (UNEC, Baku, Azerbaijan)
- **Murshudli F., Khanlarova R.** International banking business: new trends in financial technologies (UNEC, Baku, Azerbaijan)
- **Aliyev S.** Development of Banking Marketing in the Digital Transformation (UNEC, Baku, Azerbaijan)
- **Bekbolsynova A.** The role of information systems in the efficiency of the tax authorities of the Republic of Kazakhstan (LN Gumilyov Eurasian National University, Nur-Sultan, Kazakhstan)
- **Latifov K.** Prevention of money laundering via new technologies in the banking system (UNEC, Baku, Azerbaijan)
- **Abbasova S.** Features of the audit methodology in the accounting and analytical system for managing the business processes of construction organizations (UNEC, Baku, Azerbaijan)
- **Hajiyeva A.** Commercial activity of enterprises in the conditions of overcoming the crisis (UNEC, Baku, Azerbaijan)
- **Gurbanova T.** Risks of the financial system in a digital economy (UNEC, Baku, Azerbaijan)
- **Mehdiyeva L.** Problems of the Tax System in the Conditions of the Digital Economy (UNEC, Baku, Azerbaijan)
- **Aliyeva R.** Taxation issues in the digital economy (UNEC, Baku, Azerbaijan)
- **Shakharova A., Beisenova L., Tazhikenova S.** Development of electronic internal state audit in the Republic of Kazakhstan (Eurasian National University named after L.N. Gumilyov, Nur-Sultan, Kazakhstan)

- **Hasanli M.** Development of entrepreneurship as a key direction of digital economy (UNEC, Baku, Azerbaijan)
- **Kerimli I., Kerimov R.** National economic indicators and national accounts system (UNEC, Baku, Azerbaijan)
- **Jafarli H.** Analysis and assessment of the structural problems of the national economy at the present stage (UNEC, Baku, Azerbaijan)
- **Musayev A.** Advantages of ICT education in improving the financial infrastructure of Azerbaijan (Institute of Oriental Studies of ANAS, Baku, Azerbaijan)
- **Farzaliyeva S.** Digital Transformation of the Banking Sector (UNEC, Baku, Azerbaijan)

## SECTION 4

# DIGITAL TRANSFORMATION OF SOCIAL SECTORS AND EDUCATION

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*UNEC, Career Center, Room № 201*

### **Moderators:**

**Prof. RAJES SHINDE**, Svami Ramanand Teerth University of Marathwada, Director of School of Management Sciences, Maharashtra, India

**Ph.D. EMIN AMRULLAYEV**, Director of the Institute of Education of the Republic of Azerbaijan, Baku, Azerbaijan

- **Shinde R.** Digitalization of the Higher education system in India (Swami Ramanand Teerth Marathwada University, Maharashtra, India)
- **Ugrinovich E., Bashkina E.** Digital economy: an international platform for the ecosystem of scientific and technical information (International Center for Scientific and Technical Information, Moscow, Russia)
- **Mammadov Z., Alizadeh Sh.** Universities' new mission in transition to the digital economy: challenges and expectations (UNEC, Baku, Azerbaijan)
- **Nabiyeva I.** Transformation of the education system into the digital age (UNEC, Baku, Azerbaijan)
- **Eyyubov A., Pashaeva I.** Electronic document circulation in higher education institutions: features and problems of full implementation (UNEC, Baku, Azerbaijan)
- **Alikaeva M., Zhangorazova Z., Ksanayeva M.** Digital transformation of the educational process: methodological aspects (Kabardino-Balkarian state University named after H.M. Berbekov, Nalchik, Russia; Kabardino-Balkarian State Agrarian University named after V.M.Kokov, Nalchik, Russia)
- **Beliatskaya T., Knyazkova V.** Digital literacy as the key element of digital society and economy development (Belorussian State University of Informatics and Radioelectronics, Minsk, Belarus)
- **Mineva O., Glinchevskiy E., Abbasbeyli M., Alikhanova, L.** Social and functional insourcing as a tool to form self-learning socially-oriented companies of the digital era (Astrakhan State University, Astrakhan, Russia; UNEC, Baku, Azerbaijan)
- **Mammadov E., Pashaeva I.** The necessity to improve and modernize the existing information support for managerial accounting in higher educational institutions in the context of digitalization of the economy (UNEC, Baku, Azerbaijan)
- **Mamedova S.** Digital Transformation of the Healthcare Sphere (UNEC, Baku, Azerbaijan)
- **Ivanova V., Lezina T., Stoyanova O.** Corporate universities in the digital age: challenges and opportunities (St. Petersburg State University, St. Petersburg, Russia)

- **Lunev A., Mineva O., Tomashevskaya Y., Mamedov Z.** Prospects for the development of university endowment funds in the era of digitalization (Astrakhan State University; Astrakhan, Russia; UNEC, Baku, Azerbaijan)
- **Cohen V.** Digital Economy in High Education System (Vilnius University, Vilnius, Lithuania)
- **Aliyeva T.** Digitalization of the educational process: trends and decisions (UNEC, Baku, Azerbaijan)
- **Syshchikova E., Popova O.** Transfer to the intellectual economy (Russian State University of Justice; Voronezh State Technical University, Voronezh, Russia)
- **Shalnev O., Kolosova N.** Formation and development of innovative infrastructure of science (Voronezh State Technical University, Voronezh, Russia)
- **Simchenko N.** Digital Twins and Institutional Effects in Economy (V.I.Vernadsky Crimean Federal University, Simferopol)
- **Zamanova N.** Education in the digital world (Azerbaijan State Pedagogical University, Baku, Azerbaijan)
- **Huseynov F.** Digitalization of education in Azerbaijan (Azerbaijan State Academy of Physical Culture and Sport, Baku, Azerbaijan)
- **Alizadeh Sh.** The application of scientific data by using information technology in the evaluation of scientific activities (UNEC, Baku, Azerbaijan)
- **Mammadov E., Ahmadova E., Abasov V.** Modern approaches to evaluating digital economy (UNEC, Baku, Azerbaijan)
- **Tokmergenova M., Bánhidi Z., Dobos I.** Digital economy and society indicator (DESI) and hasse diagrams (Budapest University of Technology and Economics, Budapest, Hungary)
- **Azharuddin S.** A systematic literature review of bridging the industry-academia skill gap considering the university syllabus and industry expectation in computer science and its sector (University named after Dr. Babasaheb Ambedkar Marathwada, Aurangabad, India)
- **Huseynova R.** Influence of the digital education on the formation of human capital (UNEC, Baku, Azerbaijan)
- **Suleimenov I., Kabdushev Sh., Egemberdieva Z.** A new approach for artificially intelligent systems development for monitoring of the quality of education in modern universities (National Engineering Academy of RK, Almaty, Kazakhstan; Almaty University of Power Engineering and Telecommunications, Almaty, Kazakhstan)
- **Allahverdieva L.** Transformative role of education in the modern digital economy (Moscow State University for the Humanities and Economics, Moscow, Russia)
- **Ukubasova G., Mukhamedzhanova A.** Influence of the digital economy on the transformation of student training (Kazakh University of Economics, Finance and International Trade, Nur-Sultan, Kazakhstan)



- **Suleymanov T.** University branding in the age of digitalization challenges and opportunities: a case study of Azerbaijan (UNEC, Baku, Azerbaijan)
- **Aliyeva B.** Globalization in education and the importance and place of information technologies (UNEC, Baku, Azerbaijan)
- **Sultanli L., Aliyev V.** The role of social media in recruitment processes in human resources management (UNEC, Baku, Azerbaijan)
- **Azizova R.** Transformation of Higher Education In The Digital Economy (UNEC, Baku, Azerbaijan)
- **Rustamova S., Ali M., Azizova A.** To the first attempt of creating an online English-Azerbaijani veterinary dictionary on parasitology (Institute of Veterinary Research, Baku, Azerbaijan)
- **Hajiyeva A.** The Importance of the Digital Economy in Increasing the Efficiency of the Socio-Economic System (UNEC, Baku, Azerbaijan)
- **Rzazade E., Hasanova S.** Innovative methods of teaching foreign languages in training of technical personnel (Odlar Yurdu University, Baku, Azerbaijan)
- **Raziyev S., Rzayev O.** From the experience of teaching the Chronicle of Digital Electronic Media Development (UNEC Zagatala Branch, Zagatala, Azerbaijan)
- **Baktymbet A., Galieva A.** Human capital development as a promising area in the digitalization era (University of Economics, Finance and International Trade, Nur-Sultan, Kazakhstan)
- **Mansour H.** Impact of Digital Media in Marketing and Innovative Artistic Thought. A Study from Art Education in Oman (Sultan Qaboos University, Muscat, Oman)
- **Suleymanov A., Ahmadova M., Mammadova G.** One Belt, One Way: Collaboration for the Prosperity of University Management (Azerbaijan Technological University, Ganja, Azerbaijan)
- **Abdalova M.** Technopark - as a structural element of digital infrastructure (UNEC, Baku, Azerbaijan)
- **Mamedova U.** Problems and perspectives of application of information and communication technologies in the agrarian sector (UNEC, Baku, Azerbaijan)
- **Guliyev A., Kerimzade M.** Food Security in the Information System (UNEC, Baku, Azerbaijan)
- **Bayramli Q.** Prospects for the development of digital agriculture in Azerbaijan (UNEC, Baku, Azerbaijan)
- **Muradov R.** Employment in the digital economy: "Work 4.0" - a model of labor and employment of the future (UNEC, Baku, Azerbaijan)
- **Musayev I., Gasimov N.** Digitalization the Turkey Model of Human Resource Management (University of Yalova, Yalova, Turkey; UNEC, Baku, Azerbaijan)
- **Morozova N.** Influence of the digitalization of the economy on the labor market (Academy of Management under the President of the Republic of Belarus, Minsk, Belarus)

## PLENARY SESSION

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*(UNEC, Main Hall)*

- 10<sup>00</sup> – 10<sup>20</sup> **Moderator: Prof. Ali Abbasov**  
Head of the Department of Digital Economics and ICT,  
Azerbaijan State University of Economics (UNEC), Baku,  
Azerbaijan  
**“Digital Economy in Azerbaijan, views on the future and  
cross-border cooperation”**
- 10<sup>20</sup> – 10<sup>40</sup> **Prof. Nuray Terzi**  
Institute of Social Sciences, Marmara University, Istanbul,  
Turkey  
**“Digital Economy: Risks and Solutions”**
- 10<sup>40</sup> – 11<sup>00</sup> **Prof. Yushu Liu**  
Deputy Director of the Macro Research Department at the  
RDCY (Chongyang Institute for Financial Studies, Renmin  
University of China), Beijing, China  
**Digitalizing the Silk Road: Opportunities and Challenges**
- 11<sup>00</sup> – 11<sup>20</sup> **Prof. Ingrid Pappel**  
Head of Electronic Management Technology and Services  
Program, Tallinn University of Technology, Tallinn, Estonia  
**“Process of Digital transformation in public sector in  
Estonia”**

### **PANEL PRESENTATIONS OF INFORMATION TECHNOLOGIES COMPANIES**

- 11<sup>40</sup> – 13<sup>00</sup> **Bakcell - “Azertelecom” MMC**  
**“SINAM” LLC**  
**“Azercosmos” OJSCo**
- 13<sup>00</sup> – 14<sup>00</sup> Lunch  
14<sup>00</sup> -17<sup>00</sup> Concurrent sessions

## SECTION 5

# TECHNOLOGICAL, HUMANITIVE AND ETHICAL PROBLEMS IN DIGITAL TRANSFORMATION

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*UNEC, Conference hall, Room № 211*

### **Moderators:**

**TURAL KARIMLI**, Ministry of Transport, Communications and High Technologies of the Republic of Azerbaijan, Chairman of the Board of Innovation Agency, Baku, Azerbaijan

**Prof. OLQA ANDREYEVA**, International Scientific and Technical Information Center, Advisor to General Director, Moscow, Russia

- **Andreeva O.** ICSTI as a centre for international cooperation to promote the digital age (International Centre for Scientific and Technical Information, Moscow, Russia)
- **Garai-Fodor M., Jackel K., Csiszárík-Kocsir A.** Z and Y generation consumption and leisure practices in the light of digitalization in the aspect of youth strategy focusing on young people (Óbuda University, Budapest, Hungary)
- **Salikhova Ya., Arenkov I., Lizovskaya V.** Features of competitive relations in digital markets (St. Petersburg State University of Economics, St. Petersburg, Russia)
- **Quliyev A., Abesadze N., Kinkladze R.** Gender inequality statistics in remuneration in conditions of the digital economy (UNEC, Baku, Azerbaijan; Tbilisi State University named after I. Javakhishvili, Tbilisi, Georgia)
- **Kolycheva V.** Digital art economics or art as a challenge to modern financial technologies (Saint Petersburg State University, St. Petersburg, Russia)
- **Balayev R., Alizadeh M., Hajizadeh S., Badalova S.** Digital media costs: features and evaluation (UNEC, Baku, Azerbaijan)
- **Mammadli G.** The Effect of Price Fairness Perceptions on Switching Intention in the Principle of Dynamic Pricing: A Research About Online Ticket (UNEC, Baku, Azerbaijan)
- **Akbulaev N.** Influence of mobile applications of taxi order service on the financial condition of taxi companies (UNEC, Baku, Azerbaijan)
- **Sirotkina N., Sereda E., Korotaeva E.** Strategy of growth poles digital transformation (Voronezh State Technical University, Voronezh, Russia)
- **Blyum V., Surygin A., Yusupov R.** Legal Basis for Digital Development of Society: Role of the Model Laws of the CIS Interparliamentary Assembly (Russian Academy of Sciences, St. Petersburg, Russia)
- **Mineva O., Markelov K., Glinchevskiy E., Ismailova M.** Metanoia changing

behavioural patterns of employees, capitalists, and the state under impact of world globalization & digitalization (Astrakhan State University, Astrakhan, Russia; Azerbaijan National Academy of Sciences Baku, Azerbaijan)

- **Smirnova D., Mineva O., Minev V., Letichevskaya V., Kasimov A.** Organization management based on evaluation of consumer satisfaction and loyalty of target customer (Astrakhan State University, Astrakhan, Russia; (UNEC, Baku, Azerbaijan)
- **Salimov K., Kazymov M.** The organization and legal support of the development of the digital economy (Baku State University, Baku, Azerbaijan)
- **Huseynova R.** Technological trends and challenges. Neuronet and the digital economy 2.0 (Western Caspian University, Baku, Azerbaijan)
- **Abdurahmanova S., Ablasanov R.** Ways to digitally strengthen the infrastructure of the economy in the country (Azerbaijan Technical University, Baku, Azerbaijan)
- **Gasimov V., Mammadova R.** Authentication problems and palmprint methods in a digital economy (Azerbaijan Technical University, Baku, Azerbaijan)
- **Huseynov E., Hasanova H.** Multifactor development model of ICT sector (UNEC, Odlar Yurdu University, Baku, Azerbaijan)
- **Kovalenko N., Kosyanchuk V.** Application and processing of Big Data in economics (Belarusian State Economic University, Minsk, Belarus)
- **Sirotkina N., Meshcheryakova M., Batova A.** Innovative centres of global technological excellence (Voronezh State Technical University, Voronezh, Russia)
- **Tsohla S.** Cross-sectoral networking in digital economy (V.I.Vernadsky Crimean Federal University, Simferopol)
- **Bogavac M., Ćekerevac Z.** Assessing the success of SME digital transformation (Union-Nikola Tesla University, Belgrade, Serbia)
- **Babayev A.** Digital economy: benefits and contradictions (UNEC, Baku, Azerbaijan)
- **Guliyeva A.** New possibilities for effective policy in digital economy (UNEC, Baku, Azerbaijan)
- **Hasanov H.** Azerbaijan imperatives of the Digital Economy (UNEC, Baku, Azerbaijan)
- **Ahmadov M.** Digital technologies as a means of improving strategic planning (UNEC, Baku, Azerbaijan)
- **Fatullayev R., Fatullayev A., Abbasov A.** Speech technologies market in Azerbaijan (Institute of Management Systems, Baku, Azerbaijan)
- **Teymurova V.** Statistical study of information and communication technologies in human capital development (UNEC, Baku, Azerbaijan)
- **Khankishiyev Kh.** Digital economy as an innovation of the XXI century (UNEC, Baku, Azerbaijan)
- **Hajizadeh S., Badalova S.** Digital economy is a new development paradigm:

new opportunities and priorities (UNEC, Baku, Azerbaijan)

- **Gasimov V., Aliyeva Sh.** The role of cloud technology in the formation of digital economy (Azerbaijan Technical University, Baku, Azerbaijan)
- **Dobos I., Gelei A.** Coopetition in the digital era: a game theoretic analysis (Budapest University of Technology and Economics, Budapest, Hungary)
- **Achapovskaya A.** Digital Economy: Advantages and Risks (Belarusian State Economic University, Minsk, Belarus)
- **Yagubov S., Namazova L.** Statistical evaluation of the level of ICT use in enterprises (UNEC, Baku, Azerbaijan)
- **Samedova E., Aliyeva M.** Digital economy: features and trends of development (UNEC, Baku, Azerbaijan)
- **Musayeva S.** Analysis of the impact of ict on economic development: an example of Azerbaijan (UNEC, Baku, Azerbaijan)
- **Amadi L.** The new digital economy and inclusive economic growth: Comparative analysis of advanced, emerging markets and developing economies (Port-Xartkort University, Goba, Nigeria)
- **Prokopchuk Y.** View of intellect as rapidly developing fundamental resource of economics and universe (Ukrainian National Institute of Mechanics, Dnipro, Ukraine)
- **Aslanov Z., Kafarova N.** Formation of documentary support of organization activity in mechanical engineering (UNEC, Baku, Azerbaijan)
- **Shkarupeta E.** Conceptual and methodological aspects of digital transformation of industry (Voronezh State Technical University, Voronezh, Russia)
- **Sultanova A., Abdullayeva M.** Forecasting of optimal parameters of household and industrial waste for the purpose of receiving oil products using fuzzy inference models (ASOIU, Baku, Azerbaijan)
- **Karimova S.** Adaptation of the agrarian sector management structure to innovative development requirements (UNEC, Baku, Azerbaijan)
- **Abdullazadah A.** The application of the digital economy to sports, e-sports (eSports) (UNEC, Baku, Azerbaijan)

## SECTION 6

# DIGITAL CURRENCIES AND E-COMMERCE: RISKS AND OPPORTUNITIES

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*UNEC, White conference hall, Room № 121*

### **Moderators:**

**Prof. DAVOOD ASKARANY, University of Auckland, Department of Accounting and Finance, Auckland, New Zealand**

**Prof. OKSANA MINEVA, Department of Management, Astrakhan State University, Astrakhan, Russia**

- **Askarany D.** Cost management through product design and costing stages (University of Auckland, Auckland, New Zealand)
- **Lemesh V.** The use of cryptocurrencies in Belarus: status and prospects (Belarusian Economic State University, Minsk, Belarus)
- **Gasimov V., Aslanova R.** Cryptocurrency and blockchain technology as the basic components of the digital economy (Azerbaijan Technical University, Baku, Azerbaijan)
- **Linkevich E., Ibragimov Z.** About opportunities for creating and using a collective cryptocurrency for servicing settlements in the EAEU (Kuban State University, Krasnodar, Russia)
- **Makaretskaya T.** Alternative forms of raising funds in the context of the digital transformation of the economy (Academy of Management under the President of the Republic of Belarus, Minsk, Belarus)
- **Mustafayev Y., Khubanov A.** Objects of valuation of financial assets in commercial banks and their recognition (UNEC, Baku, Azerbaijan)
- **Guliyeva N.** Extended Abstract The Place Of Crypto Coins In Azerbaijan's Money Market (UNEC, Baku, Azerbaijan)
- **Dilavarov F.** Improvements to the agribusiness system based on the use of information technology "Blockchain" (Sumgait State University, Sumgait, Azerbaijan)
- **Mozhenkova E., Paramonov A.** Evaluation of the effectiveness of supporting corporate information systems in the economic direction (Belarusian State University of Informatics and Radioelectronics, Minsk, Belarus)
- **Prigoda L., Alikaeva M., Mineva O., Zumakulova F.** Digital transformation in the financial sector: concept and adaptive tools (Maikop State Technological University, Maikop, Russia; Kabardino-Balkarian state University after H. M. Berbekov, Nalchik, Russia; Astrakhan State University, Astrakhan, Russia)
- **Ibrahimli Ch.** Methodological aspects of the study of the impact of e-business on economic growth (Azerbaijan Cooperative University, Baku, Azerbaijan)

- **Samedova M., Ahmadov Z.** Intangible import of goods and services in the digital economy (UNEC, National Aviation Academy, Baku, Azerbaijan)
- **Bobokhujaev Sh.** Electronic trading systems in the digital economy of Uzbekistan (Russian State University of Oil and Gas named after Gubkin, Tashkent, Uzbekistan)
- **Alasgarova A.** Current situation and development of e-commerce in Azerbaijan (UNEC, Baku, Azerbaijan)
- **Jafarova N.** Influence of digital technologies on the development of e-commerce (UNEC, Baku, Azerbaijan)
- **Ibrahimov V., Novruzlu A.** How technology will influence the future of marketing? (UNEC, Baku, Azerbaijan)
- **Bayramov Z., Guliev R.** Factors affecting consumption of credit card (ASOIU, UNEC, Baku, Azerbaijan)
- **Ahmadova A.** Influence of the importance of information in e-commerce on the development of digital economy (ADNSU, Baku, Azerbaijan)
- **Mammadova A., Xudiyeva P., İsmayilova B.** Improvement of electronic services to the population in Azerbaijan (UNEC, Baku, Azerbaijan)
- **Mikayilova R., Səmədov A.** Features of information and communication technologies in the development of the commodity market (UNEC, Baku, Azerbaijan)
- **Abdullayeva I.** Digital Economy and Transactional housing market costs (UNEC, Baku, Azerbaijan)
- **Huseynova A.** Directions and perspectives of e-services in Azerbaijan (UNEC, Baku, Azerbaijan)
- **Agarzayev A.** Digital Economy: application of innovative business models (UNEC, Baku, Azerbaijan)
- **Rahab A., Suci I.** Business relationship adaptation of Batik Banyumas SMSs (Jenderal Soedirman University, Java, Indonesia)
- **Zeynalova Z.** Principles of taxation in e-commerce and the need for their provision (Anadolu University, Eskishehir, Turkey)
- **Veysov E.** Digital transformation of business and challenges to the tax system (Belarusian State Economic University, Minsk, Belarus)
- **Muradov R., Hamidov H.** Business aspects of the digital economy (UNEC, Baku, Azerbaijan)
- **Mammadova İ.** The role of the transition to the digital economy in enhancing foreign economic relations (UNEC, Baku, Azerbaijan)

## SECTION 7

### SMART CITY: INTERNATIONAL EXPERIENCE

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*UNEC, Haydar Aliyev Center, Room № 305*

#### **Moderators:**

**Prof. YEVGENIY SAFONOV**, Director of the Domodedovo branch of the Russian State Humanitarian University, Domodedovo, Russia

**Prof. FERRUH TUZCUOGLU**, Sakarya University, Faculty of Political Science, Sakarya, Turkey

- **Allahverdiyev F.** The role and importance of infrastructure in the digital economy building (AzerTelecom LLC, Baku, Azerbaijan)
- **Knudsen P., Millward O.** Why Public Sector IT Projects Fail. Model for Digital Transformation in Public Sector. Case Study Denmark (Aalborg University, Copenhagen, Denmark)
- **Dymkov M.** Multiparametric dynamic production model in presence of ecological factors (Belarus State Economic University, Minsk, Belarus)
- **Tuzcuoglu F.** Smart Cities and Metropolitan Management SCADA Application: Sakarya Metropolitan Municipality Example (Sakarya University, Ankara, Turkey)
- **Imamquluyev R.** Application of fuzzy logic model for proper lighting and efficiency of rooms in interior design (Odlar Yurdu University, Baku, Azerbaijan)
- **Mehdiyeva G., Gulaliyev M.** Impact of the digital economy on climate change mitigation (UNEC, Baku, Azerbaijan)
- **Hasanova M.** Socio-cultural services as an integral part of the competitive economy (ADMU, Baku, Azerbaijan)
- **Abbasova Sh., Orujova M., Orujova T.** Environmental Factor in the Sistem of Macroeconomic Indicators (Baku State University, Baku, Azerbaijan)
- **Filippova L.** Green economy financing instruments (The Academy of Public Administration under the Aegis of the President of the Republic of Belarus, Minsk, Belarus)