

INTERNATIONAL SCIENTIFIC CONFERENCE

"DIGITAL TRANSFORMATION AND ARTIFICIAL INTELLIGENCE"

30.06.2023-03.07.2023



**Location: Business and Technology University
#82, Ilia Chavchavadze Avenue
0162 Tbilisi, Georgia
For International Guests: ZOOM Platform
Time Zone: Georgia Time**

10:00–11:00

REGISTRATION AND RECEPTION

11:00–11:20

OPENING AND WELCOME SPEECHES

Prof. Nino Enukidze - *Rector, Business and Technology University*

Prof. Nodar Papukashvili - *Deputy Minister, Ministry of Education and Science*

Mr. Irakli Nadareishvili - *Deputy Minister, Ministry of Economy and Sustainable Development*

Mr. Tornike Cheishvili - *Deputy Minister, Ministry of Justice*

Mr. Rajden Kuprashvili - *Director, Anti-Corruption Bureau of Georgia*

11:20–11:40

RESEARCH PRESENTATION: GUIDING PRINCIPLES FOR CREATING A NATIONAL ARTIFICIAL INTELLIGENCE STRATEGY

Prof. Zviad Gabisonia - *BTU, Director of the Research Center, Head of the Doctoral Program "Digital Governance and Artificial Intelligence in Public Sector"*

Prof. Khatuna Burkadze - *BTU, Head of Doctoral Program "Digital Governance and Artificial Intelligence in Public Sector"*

11:40–11:45

VIDEO ADDRESS

Dr. Irakli Beridze - *Head, Centre for AI and Robotics at UNICRI*

11:45 – 12:15

PANEL – ARTIFICIAL INTELLIGENCE AND GEORGIA

Moderator: Prof. Khatuna Burkadze - BTU

Mr. Irakli Nadareishvili - *Deputy Minister, Ministry of Economy and Sustainable Development*

Mr. Rajden Kuprashvili - *Director, Anti-Corruption Bureau of Georgia*

Mr. Avtandil Kasradze - *Chairman, Georgia's Innovation and Technology Agency*

Prof. Zviad Gabisonia - *BTU, Director of the Research Center, Head of the Doctoral Program "Digital Governance and Artificial Intelligence in Public Sector"*

12:15 – 12:45

SCIENTIFIC REPORTS

Prof. Hans-Günter Lindner - *Cologne University of Applied Sciences - Human Models and Artificial Intelligence*

Prof. Aude de Kerros - *LAREQUOI Research Laboratory of the University of Versailles - Artificial Intelligence and its effects in the World of Art*

12:45 - 13:45 LUNCH

13:45-14:00

RESEARCH PRESENTATION: ACADEMIC CONTINUITY, BUSINESS CONTINUITY AND TECHNOLOGY IN HIGHER EDUCATION - OPPORTUNITIES AND CHALLENGES FOR USING ARTIFICIAL INTELLIGENCE

Prof. Maia Noniashvili - *BTU, Chancellor, Head of the Master's Program "Business administration and Modern Technologies"*

14:00-16:15

SCIENTIFIC REPORTS

Prof. Tea Meparishvili - *Technical University of Georgia - Development of Learning Environment: Studying the limits of Educational Technologies*

Prof. Lela Abdushelishvili - *BTU - Digital Transformation of Education Against the Background of Covid-19*

Ms. Sofio Uprekheldze - *PhD Student at BTU - Artificial Intelligence in the Process of Education Administration*

Ms. Nino Latsabidze - *PhD Student at Ilia State University - Transformation of Education with ChatGPT: Using AI for Interesting and Effective Language Teaching*

Prof. Uliana Tkachuk - *Lviv Institute of Management, Lviv National Academy of Arts and Higher Education - The Role of Wartime Technology in Academic Continuity*

Prof. Fredrik Enoksson - *Head of Engineering Sciences Teaching Department, ITM KTH Royal Institute of Technology - Opportunities and Challenges for Higher Education*

Prof. Kavita Subramanian - *University of Science Malaysia - Transforming Education in the Digital Age: Exploring the Power of Digital Transformation in Education*

Prof. Marzena Hajduk-Stelmacowicz - *Rzeszów University of Technology - Artificial Intelligence in the Learning and Teaching Process*

Prof. Daria Ivanchenko - *Ukrainian State University of Trade and Economics - Artificial Intelligence in the Educational Environment: Outline of Tasks and Challenges*

16:15-16:40 DISCUSSION AND Q&A

16:40-17:00

RESEARCH PRESENTATION: CYBER SECURITY CHALLENGES AND WAYS TO OVERCOME THEM

Prof. Khatuna Burkadze - *BTU, Head of Doctoral Program "Digital Governance and Artificial Intelligence in Public Sector"*

17:00-18:15

SCIENTIFIC REPORTS

Prof. Mikheil Golijashvili - *BTU - Use of Open Sources and Their Importance for Intelligence: The Example of the Russia-Ukraine War*

Prof. Andro Gotsiridze - *BTU - Volunteering vs Hacktivism: New Models of Cyber Defense*

Mr. Giga Inashvili - *Scientific Research Center of the Ministry of Defense "Delta" - The impact of the Use of Drones on the Course of War*

Prof. Giorgi Antadze - *Assistant Professor, BTU, Head of Master's Program "International Security and Technologies" - Failure of Strategic Planning in the Russia-Ukraine War: the Example of Russia*

Prof. Giorgi Iashvili - *Associate professor, BTU - The Cyber Dimension of the Russia-Ukraine War - Key Findings*

18:15-18:30 **DISCUSSION AND Q&A**

10:00-10:30

REGISTRATION AND WELCOME COFFEE

10:30-10:45

PRESENTATION OF STUDIES: DIGITAL GOVERNANCE IN THE JUSTICE SYSTEM AND LEGAL TECHNOLOGIES

Prof. Zviad Gabisonia - *BTU, Director of Research Center*

10:45-11:15

PANEL: TECHNOLOGY LAW AND DIGITIZATION OF LAW (LEGALTECH)

Moderator: Prof. Zviad Gabisonia - BTU

Mr. Vakhtang Zhvania - *Director of the Justice Training Center of the State Administrative Council*

Prof. Eka Kardava - *Director of the Parliamentary Research Center, BTU*

Mr. Dimitri Gugunava - *Digital Governance Agency*

Mr. Davit Simonia - *Director of the Legal Assistance Service*

11:15-11:45

SCIENTIFIC REPORTS

Prof. Shuba Ghosh - *Syracuse University, USA, Director of Syracuse Institute of Intellectual Property Law - Fast Lawyer, Slow Lawyer: Legal Techniques and Regulation of the Legal Profession*

Prof. Levan Nanobashvili - *Blockchain: Benefits and Legal Risks*

Prof. Sergi Jorbenadze - *TSU - The Right to Act Anonymously in Social Media and the Corresponding Legal Consequences*

Prof. Ushangi Bakhtadze - *GTU- Prediction Algorithm and Sentencing*

Ms. Nini Shengelia - *Lecturer - New Zealand's Online Torts Code, Its Global Impact and an Alternative Model for Regulating Digital Platforms*

12:30-13:00

LUNCH

13:00-13:20

RESEARCH PRESENTATION: THE ROLE OF VIRTUAL REALITY IN THE TREATMENT OF MENTAL CONDITIONS

Prof. Nino Mikava - *BTU*

13:20-14:00

PANEL: DIGITAL TRANSFORMATION AND HEALTHCARE TECHNOLOGIES (HEALTHTECH) Moderator: Prof. Nino Mikava

Ms. Nino Makhashvili - *Psychiatrist - Ilia State University*

Mr. Zaza Vardiashvili - *Caucasus International University - Psychologist, Founder of the Digital Healthcare Association*

Ms. Anano Bubuteishvili - *Representative of "Jerars" Clinic*

14:00-14:15

SCIENTIFIC REPORTS

Prof. Zurab Bosikashvili - *STU and University of Georgia - Early Detection and Prevention of Cardiovascular Diseases at an Early Stage Using New Machine Learning Approaches*

14:15-14:30 **DISCUSSION AND Q&A**

14:30-15:00 **COFFEE BREAK**

15:00-15:30

RESEARCH PRESENTATION: "AGROREVOLUTION" - THE IMPORTANCE OF AGRITECH IN DIGITAL TRANSFORMATION

Prof. Tamta Mamulaidze - *BTU*

15:30-16:15

PANEL: DIGITAL TRANSFORMATION IN THE AGRICULTURAL SECTOR Moderator: Prof. Tamta Mamulaidze

Mr. Rati Kochlamazashvili - *Deputy Co-chairman of AAP Farmers' Association*

Mr. Gela Khanishvili - *Advisor of the Project Management Agency*

Mr. Nodar Kereselidze - *National Projects Manager, UNDP*

16:15-16:30 **DISCUSSION AND Q&A**

10:00–10:15

REGISTRATION AND WELCOME COFFEE

10:15–10:30

RESEARCH PRESENTATION: BUSINESS MODELS IN THE DIGITAL ECONOMY

Prof. Tsotne Zghenti - *BTU*

10:30–13:00

SCIENTIFIC REPORTS – Digital Transformation in the Economy I

Prof. Keso Sumbadze - *BTU - Importance of HR Compliance for Businesses, Challenges and Perspectives.*

Prof. Davit Kipshidze - *BTU - The Involvement of Artificial Intelligence in the Management of NFT Digital Assets*

Prof. J. Satpathy - *Brubaveswar Srinivasa University, India - Treatment of Heterodox Economics for Complex Digital Transformation Protocols in Economic Choice*

Prof. Hamel Elhadj - *Hassiba Benboual University of Chlef, Algeria - What is Econometrics?*

Prof. Elżbieta Szczygieł - *Pedagogical University of Krakow, Poland - Circular Behaviors of Polish Consumers in Relation to Electrical and Electronic Products*

Prof. Vadym Yelisieiev - *State University of Trade and Economics, Ukraine - Digitization of Management, Objective Reasoning and Subjectivity of Perception*

Prof. Piotr Kozak - *Nicolaus Copernicus University of Toruń, Poland - Unleashing the Power of Artificial Intelligence: A New Dimension in Finance and Control*

Prof. Oleg Tsilvik - *State University of Trade and Economics, Ukraine - Tools for Digital Transformation in Commerce*

13:00–14:00 LUNCH

14:00–15:15

SCIENTIFIC REPORTS – DIGITAL TRANSFORMATION IN THE ECONOMY II

Prof. Sos Khachikyan - *State University of Economics, Armenia - The Role of Small States in the New World Order of the Digital Transformation Ecosystem*

Prof. Paulina Belch - *Rzeszów University of Technology, Poland - Application of Artificial Intelligence in Transport*

Prof. Ani Vashakmadze - *BTU - Digital Transformation of Creative Entrepreneurship*

Prof. Davit Gondauri - *BTU - the Impact of Artificial Intelligence on the Gross Domestic Product (How to Measure the Digital Economy in the Era of 5G Technologies)*

Prof. Maia Melikidze - *BTU - Digital Transformation and Renewable Energies*

15:15 - 15:30 **DISCUSSION AND Q&A**

15:30-16:00 **COFFEE BREAK**

16:00-18:30

SCIENTIFIC REPORTS – ARTIFICIAL INTELLIGENCE AND DIGITAL GOVERNANCE

Prof. Kavita Subramanian - *University of Science, Malaysia - Unlocking the Potential: Exploring the Synergy of Digital Transformation and Artificial Intelligence in Transforming Industries and Societies*

Prof. Ana Verulashvili - *BTU - Digital Technologies in Cultural Organizations to Create the Best Experience for Visitors"*

Prof. Dimitrios Koukiadis - *University of Nicosia, Cyprus - Goethe University Frankfurt, Germany) - Legal and Ethical AI: Algorithmic Regulation and Fundamental Rights*

Prof. Khatuna Burkadze - *BTU - Head of Doctoral Program "Digital Governance and Artificial Intelligence" - "Introduction of Digital Advances in Foreign and Security Policy"*

Ms. Salome Zirakadze - *Artificial Intelligence and Georgia - Education Technologies*

Ms. Nino Eloshvili- *Development of Artificial Intelligence and Related Challenges of Intellectual Property Law*

Prof. Jonida Hysa - *University College of Beder, Albania - Using Some Machine Learning Techniques to Predict Students' Final Grades*

Prof. Daria Ivanchenko - *State University of Trade and Economics, Ukraine - Artificial Intelligence in the Educational Environment: Defining Tasks and Challenges*

Ms. Nino Latsabidze - *PhD Student at Ilia State University - Transformation of Education with ChatGPT: Using AI for Interesting and Effective Language Teaching*

Prof. Gvantsa Gvinjilia - *Tbilisi State Conservatory - Multimedia Music in the Context of the Age of Digital Technologies*

Mr. Luka Baklaga - *Revolutionizing Sustainable Energy Production with Quantum Artificial Intelligence: Applications in Autonomous Robotics and Data Management*

18:30-19:00 **DISCUSSION AND Q&A**

19:00 **OFFICIAL CLOSING CEREMONY**