



Ministry of Artificial Intelligence and Digital Development of the Republic of Kazakhstan



Ministry of Science and Higher Education of the Republic of Kazakhstan

IEEE SIST 2026

2026 IEEE 6th International Conference on Smart Information Systems and Technologies

13-15 MAY 2026

Astana, Kazakhstan

CONFERENCE PROGRAM

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**2026 IEEE 6th International Conference on
Smart Information Systems and Technologies (SIST)
May 13 – 15, 2026
Astana IT University**

HONORARY COMMITTEE

Zhaslan Madiyev, Deputy Prime Minister – Minister of Artificial Intelligence and Digital Development of the Republic of Kazakhstan

Sayasat Nurbek, Minister of Science and Higher Education of the Republic of Kazakhstan

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TECHNICAL PROGRAMM COMMITTEE CHAIR

Oleksandr Kuchanskyi, Professor of the School of Artificial Intelligence and Data Science, Astana IT University, Kazakhstan

2026 IEEE 6th International Conference on Smart Information Systems and Technologies (SIST)
May 13-15, 2026
Astana, Kazakhstan

CONFERENCE PROGRAM

Time	Event	Venue
13 May (Wednesday)		
09:00 – 09:30	Participants registration	Offline / Online
09:30 – 10:00	Welcome Coffee	Near the Assembly Hall
10:00 –13:00	Opening Ceremony, Panel and Plenary sessions	Offline / Online, Assembly Hall
13:00 – 14:00	Lunch Break	
14:10– 16:00	Technical Sessions	Lecture Rooms
16:00 – 16:20	Coffee Break	Near the Assembly Hall
16:20 - 18:00	Technical Sessions	Lecture Rooms
19:00	Dinner	
14 May (Thursday)		
09:00 – 09:30	Participants registration	Offline / Online
09:30 – 10:00	Welcome Coffee	Near the Assembly Hall
10:00 – 13:00	Panel and Plenary sessions	Offline / Online, Assembly Hall
13:00 – 14:00	Lunch Break	
14:10 – 16:00	Technical Sessions	Lecture Rooms
16:00 – 16:20	Coffee Break	Near the Assembly Hall
16:20 – 18:00	Technical Sessions	Lecture Rooms
19:00	Cultural Program	
15 May (Friday)		
09:30 – 10:00	Welcome Coffee	Near the Assembly Hall
10:00 – 13:00	Technical Sessions	Lecture Rooms
13:00 – 14:30	Lunch Break	
14:30 – 16:00	Technical Sessions	Lecture Rooms
16:00 – 16:20	Coffee Break	Near the Assembly Hall
16:20 – 18:00	Technical Sessions	Lecture Rooms
18:00	Closing Ceremony	Online
19:00	City Tour (optional)	

PLENARY AND PANEL SESSIONS

13 May 2026 (Wednesday)

(Time zone UTC+5, Astana time)

Venue: Assembly Hall, Astana IT University

Online: Zoom session

<https://us06web.zoom.us/j/82595006161?pwd=2LZcDuUyfxpwO1dRr0WePKuCbakxRa.1>

09:00	Participants registration
09:30	Welcome coffee
10:00-11:00	Opening Ceremony
10:00	<i>Altair Akhmetov, Chairman of the Board - Rector of Astana IT University (Astana, Kazakhstan)</i>
10:05	<i>Zhaslan Madiyev, Deputy Prime Minister – Minister of Artificial Intelligence and Digital Development of the Republic of Kazakhstan (Astana, Kazakhstan) (TBC)</i>
10:10	<i>Sayasat Nurbek, Minister of Science and Higher Education of the Republic of Kazakhstan (Astana, Kazakhstan) (TBC)</i>
10:15	<i>Dusanka Boskovic, Minister of Science, High Education and Youth of the Government of Sarajevo Canton, Full Professor of University of Sarajevo, IEEE Region 8 Director (Sarajevo, Bosnia and Herzegovina)</i>
10:25	<i>Andrejs Romanovs, Professor of Riga Technical University, IEEE R8 PEAC Chair (Riga, Latvia)</i>
10:35	<i>Andrii Biloshchytskyi, Professor, Vice-Rector for Science and Innovation Astana IT University (Astana, Kazakhstan)</i>
10:40	<i>Didar Yedilkhan, Professor, Head of the Smart City research center Astana IT University, IEEE Kazakhstan Section Chair (Astana, Kazakhstan)</i>
10:50	<i>Signing of a memorandum between IEEE Kazakhstan Section and IEEE Ukraine Section (Didar Yedilkhan, Head of the Smart City research center Astana IT University and Iryna Ivasenko, Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine, Lviv, Ukraine)</i>
11:00-12:00	Panel session
11:00	<p>Topic: Scaling Intelligence: Bridging Innovation and Execution in a Globally AI-Driven Economy</p> <ol style="list-style-type: none"> 1. <i>Amir Mosavi, PhD, Obuda University (Budapest, Hungary), J.Selye University (Komárno, Slovakia)</i> 2. <i>Mohamed Elhoseny, PhD, Associate Professor at the University of Sharjah (Sharjah, United Arab Emirates)</i> 3. <i>Andreas Pester, Professor, British University in Egypt (Cairo, Egypt)</i> 4. <i>Abraham Althonayan, Professor, Brunel University London (London, United Kingdom)</i> 5. <i>Marat Nurtas, Associate Professor, International Information Technology University, (Almaty, Kazakhstan)</i> <p>Moderator: <i>Beibit Abdikenov, Assistant Professor, Director of the Scientific Innovation Center for Artificial Intelligence, Astana IT University (Astana, Kazakhstan)</i></p>
12:00-13:00	Plenary session
12:00	<i>Carsten Wolff, Professor, Dortmund University of Applied Sciences and Arts (Dortmund, Germany)</i>
12:20	<i>Syed Islam, Distinguished Professor, Federation University Australia (Ballarat, Australia)</i>
12:40	<i>Mohammad Shojafar, Associate Professor in Network Security, University of Surrey (Surrey, United Kingdom)</i>
13:00	Lunch Break
14:10-16:00	Technical Sessions
16:00-16:20	Coffee Break
16:20-18:00	Technical Sessions
19:00	Dinner

PLENARY AND PANEL SESSIONS

14 May 2026 (Thursday)

Venue: Assembly Hall, Astana IT University

Online: Zoom session

<https://us06web.zoom.us/j/89332086817?pwd=SOE20acZlyIsbrrRGU4jbbyyGLUdiq.1>

09:00	Participants registration
09:30	Welcome coffee
10:00	<i>Andrii Biloshchytskyi, Professor, Vice-Rector for Science and Innovation Astana IT University (Astana, Kazakhstan)</i>
10:05	<i>Damir Seissembekov, Chairman of the Telecommunications Committee of the Ministry of Artificial Intelligence and Digital Development of the Republic of Kazakhstan (Astana, Kazakhstan)</i>
10:10-11:00	Panel session #1
10:10	<p>Topic: <i>Shaping the Digital Future: The Transformational Impact of AI and Next-Generation Connectivity</i></p> <ol style="list-style-type: none"> 1. <i>Mohammad Shojafar, Associate Professor in Network Security, University of Surrey (Surrey, United Kingdom)</i> 2. <i>De Mi, Associate Professor in Future Communication Systems, Head of the Future Information Networks, Birmingham City University (Birmingham, United Kingdom)</i> 3. <i>Ibraheem Shayea – Professor, Associate Researcher at Istanbul Technical University (Istanbul, Turkiye)</i> 4. <i>Yuxiao Qin, Professor, Northwestern Polytechnical University (Xi’an, China)</i> 5. <i>Maksat Kuanyshbay, Senior AI Engineer, Center of AI, Halyk Bank, (Astana, Kazakhstan)</i> <p>Moderator: <i>Akhmet Tussupov Professor, School of Cybersecurity, (Astana, Kazakhstan)</i></p>
11:00-12:00	Panel session #2
	<p>Topic: <i>AI and Digitalization Across Industries: Unlocking Value Through Diverse Applications and Use Cases</i></p> <ol style="list-style-type: none"> 1. <i>Ignacio Sanjuán Moltó – Professor, Institute of Advanced Materials (INAM) at University Jaume I (Castelló de la Plana, Spain)</i> 2. <i>Nhiem Lu - Professor for Computer Science and Digitalization, University of Applied Sciences and Arts Dortmund (Dortmund, Germany)</i> 3. <i>Korhan Kayışli, PhD, Professor, Gazi University (Ankara, Turkiye)</i> 4. <i>Irina Ivasenko – IEEE Ukraine Section Past Chair, Professor, Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine (Lviv, Ukraine)</i> 5. <i>Galia Zamaratskaia, PhD, Associate Professor at Sweden Agricultural University (Uppsala, Sweden)</i> <p>Moderator: <i>Baurzhan Ilyassov, Director of the School of Intelligent Systems, Astana IT University (Astana, Kazakhstan)</i></p>
12:00-13:00	Panel session #3
	<p>Topic: <i>AI and Cybersecurity as a Foundation of the Digital Economy: Securing Trust in an Interconnected World</i></p> <ol style="list-style-type: none"> 1. <i>Syed Islam, Distinguished Professor, Federation University Australia (Ballarat, Australia)</i> 2. <i>Carsten Wolff, Professor, Dortmund University of Applied Sciences and Arts (Dortmund, Germany)</i> 3. <i>Serhii Hnatiuk, Professor, Vice-Rector for Research and Technology Transfer at National University “Kyiv Aviation Institute” (Kyiv, Ukraine)</i> 4. <i>Erdal Irmak, Professor, Gazi University (Ankara, Turkiye)</i> 5. <i>Saule Amanzholova, Director of the School of Cybersecurity, Astana IT University (Astana, Kazakhstan)</i> <p>Moderator: <i>Leila Rzayeva, Director of the Scientific Innovation Center for CyberTech, Astana IT University (Astana, Kazakhstan)</i></p>
13:00	Lunch Break

14:10-16:00	Technical Sessions
16:00-16:20	Coffee break
16:20-18:00	Technical Sessions
19:00	Cultural Program

PLENARY AND PANEL SESSION
15 May 2026 (Friday)
(Time zone UTC+5, Astana time)

Venue: Assembly Hall, Astana IT University

Online: Zoom session

09:30	Welcome coffee
10:00-13:00	Technical Sessions
13:00	Lunch Break
14.00-16:00	Technical Sessions
16:00-16:20	Coffee break
16:20-18:00	Technical Sessions
18:00	Plenary session: Conference results and closing
19:00	City tour (optional)

TECHNICAL SESSIONS
13 May 2026 (Wednesday)
(Time zone UTC+5, Astana time)

14:10 18:00	TECHNICAL SESSIONS
14:10 16:00	TRACK 1. COMPUTER SCIENCE Kumar Praveen, PhD, Professor (Chair) Gulnara Abitova, PhD, Associate Professor Section Secretary –Nurbay Kairbek, Daniyar Amantayev Venue C.1.2.227 https://us06web.zoom.us/j/89876503177?pwd=JEsoaKlmcBx9e8SQbS233v0P0vKBea.1
ID 19	1. Zhanerke Temirbekova, Kazakh National University named after al-Farabi, Kazakhstan 2. Zhansaya Myrzakul, Kazakh National University named after al-Farabi, Kazakhstan A Fully Homomorphic Encryption Library over Integers with Homomorphic Division
ID 37	1. Yurii Voloshchuk, Uzhhorod National University, Ukraine 2. Oleksandr Mitsa, Uzhhorod National University, Ukraine Adaptive Cascade-Based Categorization of Short Ukrainian Texts With Accuracy–Cost Optimization
ID 42	1. Evgeniy Lavrov, Sumy State university, Ukraine Concept “Operator 5.0”: Analysis the reliability of man-computer interactions in cyber-physical systems
ID 58	1. Ayanbek Serikov, Astana IT University, Kazakhstan Course Management and AI Models in Educational Program Design
ID 62	1. Zhanerke Baimukanova, Nazarbayev University, Kazakhstan 2. Alua Myrzakerimova, Astana IT University, Kazakhstan 3. Akbota Rakhym, Astana IT University, Kazakhstan Few-Shot Transfer Learning for Pneumonia Detection from Chest X-Ray Images
ID 68	1. Denys Liashenko, Taras Shevchenko National University of Kyiv, Ukraine 2. Oleksandr Timinskyi, Taras Shevchenko National University of Kyiv, Ukraine 3. Artem Yurechko, Taras Shevchenko National University of Kyiv, Ukraine Adaptive Lean Model of Communication Management in Content-Oriented IT Projects
ID 69	1. Kateryna Lavrukhina, KNUCA, Ukraine 2. Viktoriya Tytok, KNUCA, Ukraine 3. Hanna Shpakova, KNUCA, Ukraine 4. Serhii Petrukha, West Ukrainian National University, Ukraine 5. Artem Biloshchytskyi, Astana IT University, Kazakhstan 6. Maltsev Maksym, KNUCA, Ukraine Conceptual Approaches to Managing Innovation Activities of the Regions of Ukraine Based on the Digital Transformation Index in the Context of Economic Activity Acceleration
ID 76	1. Sergiy Bronin, Vilnius University, Lithuania 2. Olha Kravchenko, Taras Shevchenko National University of Kyiv, Ukraine 3. Olena Sipko, Taras Shevchenko National University of Kyiv, Ukraine A method for assessing the impact of AI tools in the process of learning and teaching courses in the field of information systems and technologies

ID 78	<p>1. Damilya Amangeldykyzy, Astana IT University, Kazakhstan 2. Yasmin Tleukhan, Astana IT University, Kazakhstan 3. Alua Myrzakerimova, Astana IT University, Kazakhstan 4. Aivar Sakhipov, Astana IT University, Kazakhstan</p> <p>Short-Term AQI Forecasting in Almaty: A Machine Learning Approach Leveraging Air-Quality and Meteorological Data</p>
ID 83	<p>1. Noyan Tendikov, Astana IT University, Kazakhstan 2. Rostyslav Lisnevskiy, Astana IT University, Kazakhstan 3. Leila Rzayeva, Astana IT University, Kazakhstan</p> <p>Customizable methodology for structured analysis of software within isolated computational environments to secure critical IT infrastructures</p>
ID 90	<p>1. Bayangali Abdygalym, Q University, Kazakhstan 2. Zhanna Sadirmekova, Astana IT University, Kazakhstan 3. Madina Sambetbayeva, L.N. Gumilyov Eurasian National University, Kazakhstan 4. Roman Taberkhan, L.N. Gumilyov Eurasian National University, Kazakhstan</p> <p>Universal framework for integrating new concepts into ontologies across multiple domains</p>
16:00	Coffee break
16:20 18:00	TRACK 1. COMPUTER SCIENCE Venue C.1.2.227
ID 97	<p>1. Margulan Ratkhan, Eurasian National University, Kazakhstan 2. Makpal Zhartybayeva, L.N. Gumilyov Eurasian National University, Kazakhstan</p> <p>The Role of Artificial Intelligence in Near-Earth Space Monitoring</p>
ID 107	<p>1. Yerlan Tursynbek, Department of Cybersecurity, information processing and storage, Satbayev University, Kazakhstan 2. Nurtay Albanbay, Department of Cybersecurity, Satbayev University, Kazakhstan 3. Djamel Djenouri, School of Computing and Creative Technologies, University of the West of England, UK 4. Shahid Latif, School of Computing and Creative Technologies, University of the West of England, UK 5. Iliyas Samat, Department of Cybersecurity, Satbayev University, Kazakhstan 6. Akbota Akhankyzy, Department of Cybersecurity, Satbayev University, Kazakhstan</p> <p>IoTector: An Integrated Platform for Monitoring and Intelligent Attack Detection in IoT Networks</p>
ID 125	<p>1. Sabina Duisaliyeva, Kazakh-British Technical University, Kazakhstan 2. Aliya Tursynzhanova, Kazakh-British Technical University, Kazakhstan 3. Perizat Omarova, Institute of Information and Computational Technologies School of Applied Mathematics, Kazakhstan 4. Gulaiym Bayekova, International Information Technology University, Kazakhstan 5. Saltanat Amirgaliyeva, Institute of Information and Computational Technologies, Kazakhstan</p> <p>The Impact of Architectural Design and Positioning on Urban Air Circulation and Ventilation in Residential Environments</p>
ID 126	<p>1. Galina Bessonova, Kazakh-British Technical University, Kazakhstan 2. Aliya Tursynzhanova, Kazakh-British Technical University, Kazakhstan 3. Perizat Omarova, Institute of Information and Computational Technologies, School of Applied Mathematics, Kazakhstan 4. Aisulu Ataniyazova, Institute of Information and Computational Technologies, Kazakhstan 5. Ainur Kozbakova, Institute of Information and Computational Technologies, Kazakhstan</p> <p>INFLUENCE OF URBAN MORPHOLOGY ON AIRFLOW AND VENTILATION IN RESIDENTIAL AREAS OF ALMATY</p>

ID 133	<p>1. Yerlan Tursynbek, Department of Cybersecurity, information processing and storage, Satbayev University, Kazakhstan</p> <p>Lightweight Cryptography-Enhanced Federated Learning for Secure IoT Environments</p>
ID 138	<p>1. Dinmukhammed Orkushpayev, International Information Technology University, Kazakhstan</p> <p>2. Daniyar Kyzyrov, International IT University, Kazakhstan</p> <p>3. Saya Sapakova, International Information Technology University, Kazakhstan</p> <p>4. Artem Bykov, International Information Technology University, Kazakhstan</p> <p>5. Askar Sapakov, M. Tynyshpaev ALT University JSC, Kazakhstan</p> <p>6. Nurkamilya Daurenbayeva, International Information Technology University, Kazakhstan</p> <p>Comparative analysis of inference frameworks for the YOLOv11 model on the platform Rockchip RK3576</p>
ID 139	<p>1. T. Thilagam, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, India</p> <p>2. Sumit Ram, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, India</p> <p>3. Sushant Karn, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, India</p> <p>HarmoniMind: AI-Powered Mental Equilibrium and Relationship Optimizer</p>
ID 140	<p>1. Abdul Razaque, University of Arizona, USA</p> <p>2. Yagaliyeva Bagdat Yessenovna, Satbayev University, Kazakhstan</p> <p>A Bottom-Up Approach to Cybercrime Mitigation through Cyber Literacy and User-Centric Java-Based Security Assistance</p>
ID 157	<p>1. Sahybay Tynymbayev, International Information Technology University, IITU, Kazakhstan</p> <p>2. Rugui Yao, Northwestern Polytechnical University, China</p> <p>3. Alisher Skabylov, Al-Farabi Kazakh National University, Kazakhstan</p> <p>4. Dauren Zheksebay, Al-Farabi Kazakh National University, Kazakhstan</p> <p>5. Symbat Mamanova, International Information Technology University, Kazakhstan</p> <p>A Sequential Integer Divider with Three-Bit Quotient Generation per Iteration</p>
ID 165	<p>1. Tamara Radivilova, Kharkiv National University of Radio Electronics, Ukraine</p> <p>2. Lyudmyla Kirichenko, Lodz University of Technology, Poland</p> <p>3. Oksana Mulesa, University of Presov in Presov, Slovakia</p> <p>4. Oksana Pichugina, National Aerospace University Kharkiv Aviation Institute, Ukraine</p> <p>5. Ihor Dobrynin, Kharkiv National University of Radio Electronics, Ukraine</p> <p>6. Artem Mazepa, Kharkiv National University of Radio Electronics, Ukraine</p> <p>Admission Controller Model Based on Reinforcement Learning for Kubernetes Security with Proven PAC Guarantees</p>
ID 166	<p>1. Erasyl Meiramkhan, L. N. Gumilyov Eurasian National University, Kazakhstan</p> <p>2. Daiana Shautova, L. N. Gumilyov Eurasian National University, Kazakhstan</p> <p>3. Aruzhan Abayeva, L. N. Gumilyov Eurasian National University, Kazakhstan</p> <p>4. Aitbek Aktas , L. N. Gumilyov Eurasian National University, Kazakhstan</p> <p>Comparison of FTK Imager, KAPE, and Autopsy Tools for Windows Artifact Analysis</p>

14:10 16:00	<p>TRACK 2. TECHNOLOGY AND ENGINEERING MANAGEMENT</p> <p>Dana Tsoy (Chair) Section Secretary –Yerkezhan Amangozhayeva</p> <p>Venue- C1.2.139</p> <p>https://us06web.zoom.us/j/86775156230?pwd=LvTqWCHXSaE0vBiaeOzetxku9jcXa5.1</p>
ID 18	<p>1. Almas Ospanov, Astana IT University, Kazakhstan 2. Pedro Alonso-Jordá, Universitat Politècnica de València, Spain 3. Ainur Zhumadillayeva, L.N.Gumilev Eurasian National University, Kazakhstan</p> <p>CloudERP Bench: An Open-Source Testbed for Cost-Performance Evaluation of Cloud ERP Deployment Patterns for SMEs</p>
ID 24	<p>1. Almas Ospanov, Astana IT University, Kazakhstan 2. Pedro Alonso-Jordá, Universitat Politècnica de València, Spain 3. Ainur Zhumadillayeva, L.N.Gumilyov Eurasian national university, Kazakhstan</p> <p>SME-ERP-X: An Integrated AI/ML-Blockchain-Style Audit Ledger-Digital Twin ERP Architecture with Financial Feasibility Analysis for SMEs</p>
ID 40	<p>1. Mukhridin Eshkulov, Jizzakh polytechnic institute, Uzbekistan</p> <p>Spectral and Optical Performance Optimization of Monocrystalline Semi-Transparent Photovoltaic Panels Integrated into Greenhouses</p>
ID 45	<p>1. Anatolii Skurativskiyi Anatolii Skurativskiyi, State University "Kyiv Aviation Institute", Ukraine 2. Viktoriia Sydorenko, State University "Kyiv Aviation Institute", Ukraine 3. Artem Polozhencev, Kyiv Aviation Institute, Ukraine</p> <p>An Adaptive Method for Cybersecurity Requirements Management in Software Implementation</p>
ID 49	<p>1. Bakytgul Manarbekkyzy, Kazakh Automobile and Road Institute, Kazakhstan 2. Arlan Kazhetayev, Kazakh Automobile and Road Institute named after L.B. Goncharov, Kazakhstan 3. Ilyas Rustemov, Kazakh Automobile and Road Institute named after L.B. Goncharov, Kazakhstan 4. Darkhan Yelemes, Kazakh Automobile and Road Institute named after L.B. Goncharov, Kazakhstan 5. Kabdullagazy Nauruzbayev, Kazakh Automobile and Road Institute named after L.B. Goncharov, Kazakhstan 6. Muradjon Khodjabekov, Samarkand State Architectural and Civil Engineering University, Uzbekistan</p> <p>Digital Analytical Model for Management of Comprehensive Utilization of Limestone Screenings in Road Construction</p>
ID 65	<p>1. Bakytgul Manarbekkyzy, Kazakh Automobile and Road Institute, Kazakhstan 2. Darkhan Yelemes, Kazakh Automobile and Road Institute named after L.B. Goncharov, Kazakhstan 3. Ilyas Rustemov, Kazakh Automobile and Road Institute named after L.B. Goncharov, Kazakhstan 4. Kabdullagazy Nauruzbayev, Kazakh Automobile and Road Institute named after L.B. Goncharov, Kazakhstan 5. Arlan Kazhetayev, Kazakh Automobile and Road Institute named after L.B. Goncharov, Kazakhstan 6. Muradjon Khodjabekov, Samarkand State Architectural and Civil Engineering University, Uzbekistan</p> <p>Model-Based Justification of Nonlinear Operating Regimes of Vibrating Screens in Limestone Screenings Processing Lines</p>

ID 103	<p>1. Andrii Onyshchenko, Taras Shevchenko National University of Kyiv, Ukraine 2. Olena Lytvyn, KNU, Ukraine 3. Oleksandr Dykyi, Taras Shevchenko National University of Kyiv, Ukraine 4. Halyna Kashcheieva, Private Joint Stock Company “Higher Educational Institution “Interregional Academy of Personnel Management” , Ukraine 5. Nataliia Hrynychak, National Academy of Statistics, Accounting and Audit, Ukraine 6. Olena Motuzka, National Academy of Statistics, Accounting and Audit, Ukraine</p> <p>ETS Models and Financial-Macroeconomic Dynamics of a Country in the Context of Sustainable Development and Climate Transition</p>
ID 104	<p>1. Olena Lytvyn, Taras Shevchenko National University of Kyiv, Ukraine 2. Andrii Onyshchenko, Taras Shevchenko National University of Kyiv, Ukraine 3. Volodymyr Kudin, Taras Shevchenko National University of Kyiv, Ukraine 4. Nataliia Farenjuk, Taras Shevchenko National University of Kyiv, Ukraine 5. Lyubomyr Shved, Lviv Polytechnic National University Lviv, Ukraine</p> <p>Financial Dimensions of ETS Mechanisms in Advancing Sustainable Development</p>
ID 127	<p>1. Madina Bazarova, D. Serikbaev EKTU, Kazakhstan</p> <p>An Ontological Model Of The Teacher Training Process In The Context Of Digitalization Of Education</p>
ID 137	<p>1. Vadym Ziuziun, Taras Shevchenko National University of Kyiv, Ukraine 2. Daria Shcherbak, Taras Shevchenko National University of Kyiv, Ukraine</p> <p>A Service-Oriented Architecture for an Ecological Web Application Aimed at Reducing Food Waste</p>
ID 141	<p>1. Adelya Begbossynova, Astana IT University, Kazakhstan</p> <p>ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING AS STRATEGIC INSTRUMENTS OF CYBERSECURITY RISK MANAGEMENT IN DIGITAL TRANSFORMATION</p>
16:00	Coffee break
16:20 18:00	TRACK 2. TECHNOLOGY AND ENGINEERING MANAGEMENT Venue- C1.2.139
ID 142	<p>1. Aissulu Kaldarova, International Information Technology University, Kazakhstan</p> <p>Digital Learning Tools in Language Education: The Effectiveness of Quizlet for Vocabulary Teaching in Higher Education</p>
ID 146	<p>1. Sergey Bushuyev, Kyiv National University of Construction and Architecture, Ukraine 2. Kateryna Kolesnikova, International IT University, Kazakhstan 3. Svetlana Murzabekova, Nursultan Nazarbayev Educational Foundation, Kazakhstan 4. Maira Khusainova, Nursultan Nazarbayev Educational Foundation, Kazakhstan</p> <p>AI-Augmented Sustainable Development University. IITU case.</p>
ID 147	<p>1. Bushuyev Sergiy, Kyiv National University of Construction and Architecture, Ukraine 2. Dinara Kulibayeva, General Director of NNEF Public Foundation, Kazakhstan</p> <p>Adaptive Leadership in Sustainable Development of an IT University Driven by Artificial Intelligence</p>
ID 148	<p>1. Sergey Bushuyev, Kyiv National University of Construction and Architecture, Ukraine 2. Natalia Bushuyeva, Kyiv National University of Construction and Architecture, Ukraine 3. Denis Bushuyev, Astana IT University, Kazakhstan 4. Kateryna Kolesnikova, International IT University, Kazakhstan</p> <p>AI-Driven Leadership - Navigating the Dualities of Efficiency and Risk</p>
ID 161	<p>1. Serhii Chernov, Admiral Makarov National University of Shipbuilding 2. Iryna Zhuravel, Admiral Makarov National University of Shipbuilding 3. Liubava Chernova, Admiral Makarov National University of Shipbuilding 4. Liudmyla Chernova, Admiral Makarov National University of Shipbuilding 5. Evgeniy Trushliakov, Admiral Makarov National University of Shipbuilding 6. Arailym Medetbek, Astana IT University, Kazakhstan</p> <p>IT project management in the context of organizational change: a service-oriented approach and modified earned value management</p>

ID 164	1. Ayaulym Shaimuratova, Astana IT University, Kazakhstan Ecosystem Constraints Affecting the Commercialization of Generative AI Startups
ID 167	1. Kamilla Yergaliyeva, IITU, Kazakhstan 2. Lyazat Naizabayeva, IITU, Kazakhstan Optimizing Management Control in IT Projects: A Software-Based Framework for Enhancing Oversight Efficiency Among Non-Coding Stakeholders in SMEs
ID 225	1. Yuliia Riabchun, Kyiv National University of Construction and Architecture, Ukraine 2. Ihor Stuzhuk, Kyiv National University of Construction and Architecture, Ukraine 3. Illia Sachenko, Kyiv National University of Construction and Architecture, Ukraine 4. Olena Fedusenko, Taras Shevchenko National University of Kyiv, Ukraine 5. Yurii Naumenko, Kyiv National University of Construction and Architecture, Ukraine 6. Svitlana Biloshchytska, Astana IT University, Kazakhstan Adaptive Cross-Platform Architecture for Carpooling Information Systems in Mobile and Desktop Environments
ID 232	1. Tamerlan Mendybayev, AUES University, Kazakhstan 2. Birlik Mendybayev, ENU, Kazakhstan 3. Kuralay Tuspekova, Kyrgyz Economic University, Kyrgyzstan Algorithmic Framework for Functional-Spatial Planning: Integrating Capital Assessment and GIS for Sustainable Territorial Development
ID 243	1. Ruslan Tormosov, Astana IT University, Kazakhstan 2. Iurii Chupryna, Kyiv National University of Construction and Architecture, Ukraine 3. Innola Novykova, Kyiv National University of Construction and Architecture, Ukraine 4. Mykhailo Malykhin, Kyiv National University of Construction and Architecture, Ukraine 5. Kostiantyn Predun, Kyiv National University of Construction and Architecture, Ukraine 6. Nina Petrukha, Kyiv National University of Construction and Architecture, Ukraine METHODOLOGICAL SUPPORT FOR COGNITIVE-INTEGRATION MODELING OF ORGANIZATIONAL STRUCTURES IN CONSTRUCTION UNDER CONDITIONS OF DIGITAL TRANSFORMATION OF THE INDUSTRY
ID 253	1. Oman Abyshev, Oscar & Sons: Research & Development, Kyrgyzstan 2. Marat Abyshev, Kyrgyz State Technical University n.a. I. Razzakov, Kyrgyzstan 3. Ormon Abyshev, Kyrgyz State Technical University n.a. I. Razzakov, Kyrgyzstan 4. Anar Zaripova, Kyrgyz National University n.a. J. Balasagyn, Kyrgyzstan 5. Usen Omuraliev, Kyrgyz State Technical University n.a. I. Razzakov Application of Industrial Cyber-physical Technologies and Microfactories for Discrete Production System engineering

14:10 16:00	<p>TRACK 3. COMMUNICATIONS</p> <p>Saule Amanzholova, Candidate of Technical Sciences, Associate Professor (Chair) Laura Aldasheva, Candidate of Technical Sciences Section Secretary - Neilya Yessentay, Syrym Sapash</p> <p>Venue- C1.2.240</p> <p>https://us06web.zoom.us/j/82072011833?pwd=OECbSrGB5f3o9SptvcpEUHWe7E8hL6.1</p>
14:10 14:30	<p>Invited Session Presentation: Amir Mosavi, PhD, Obuda University (Budapest, Hungary), J.Selye University (Komárno, Slovakia)</p>
ID 74	<p>1. Andriy Fesenko, State University "Kyiv Aviation Institute", Ukraine 2. Dmytro Levkin, State University "Kyiv Aviation Institute", Ukraine 3. Andriy Fesenko, Kyiv Aviation Institute, Ukraine Mathematical Modeling of Security-Aware Cyber-Physical Systems Using Pseudodifferential Operators</p>
ID 151	<p>1. Azamat Yerezhepbayev, Astana IT University, Kazakhstan 2. Aigul Adamova, Astana IT University, Kazakhstan Development of Distributed Computing Architecture for Enhancing the Security of Cyber-Physical Systems in Industrial Internet of Things</p>
ID 152	<p>1. Ankitha K, Annamacharya Institute of Technology and Sciences, India 2. Adithya Kumar Reddy Y.B., Annamacharya Institute of Technology and Sciences, India 3. Akhila Y., Annamacharya Institute of Technology and Sciences, India 4. Avinash G., Annamacharya Institute of Technology and Sciences, India 5. Dhananjaya Babu K., Annamacharya Institute of Technology and Sciences, India 6. Suresh S., Annamacharya Institute of Technology and Sciences, India Automatic Dynamic Wireless EV Charging System</p>
ID 162	<p>1. Serhii Chornous, National University of Life and Environmental Sciences of Ukraine, Ukraine 2. Dmytro Kasatkin, National University of Life and Environmental Sciences of Ukraine, Ukraine 3. Oleksii Chornous, National University of Life and Environmental Sciences of Ukraine, Ukraine 4. Mykola Tsiutsiura, State University of Trade and Economics, Ukraine 5. Svilana Tsiutsiura, State University of Trade and Economics, Ukraine 6. Elizaveta Zavhorodnya, State University of Trade and Economics, Ukraine Enhancing Virtualization Levels Based on Modern Server Solutions and OTN Technology, and Investigating the Interconnection Between Network Management System and Parameters of the Backbone Fiber Optic Network for Geographically Distributed Enterprises</p>
ID 204	<p>1. Gulsaya Nurzhaubayeva, Astana IT University, Kazakhstan Comparative Study of Textile Based Wearable Antenna Designs for Reliable IoT Operation at 2.45 GHz</p>
ID 206	<p>1. Vitalii Bidochka, Taras Shevchenko National University of Kyiv, Ukraine 2. Sergiy Paliy, Taras Shevchenko National University of Kyiv, Ukraine Increasing the efficiency of data processing by edge gateways in heterogeneous IoT networks using the Simple Binary Encoding method</p>
ID 209	<p>1. Bohdan Savchuk, Anbosoft LLC, USA Real-time vulnerability testing system for IoT networks based on dynamic threat analysis</p>
ID 222	<p>1. Lina Yilmaz, Istanbul Technical University, Turkiye 2. Ibraheem Shayea, Istanbul Technical University, Turkiye</p>

	<p>3. Akzhibek Amirova, Astana IT University, Kazakhstan 4. Maksat Serikuly, Astana IT University, Kazakhstan Proactive Handover Prediction in Mobile Networks Using Machine Learning Techniques</p>
ID 226	<p>1. Mustafa Aytaç, Istanbul Technical University, Turkiye 2. Ibraheem Shayea, Istanbul Technical University, Turkiye 3. Laura Aldasheva, Astana IT University, Kazakhstan 4. Akzhibek Amirova, Astana IT University, Kazakhstan IoT Data-Driven Energy Prediction for Smart Buildings: A Comparative Analysis of Machine Learning Models</p>
ID 259	<p>1. Amiran Kurman, Astana IT University, Kazakhstan 2. Aigul Adamova, Astana IT University, Kazakhstan Feature Analysis and Model Selection for Detecting Spoofing and Reconnaissance Attacks in IoT</p>
16:00	Coffee break
16:20	TRACK 3. COMMUNICATIONS
18:00	Venue- C1.2.240
ID 260	<p>1. Nurkhat Zhakiyev, Astana IT University, Kazakhstan 2. Mustafa Eren Poyraz, Gazi University 3. Güngör Bal, Başkent University, Turkiye 4. Erdal Irmak, Gazi University, Turkiye 5. Nihat Öztürk, Gazi University, Turkiye Application of the ABC Algorithm for Coverage Area Optimization in LTE Technology</p>
ID 277	<p>1. Aigul Kulakayeva, International Information Technology University, Kazakhstan 2. Berik Zhumazhanov, Ghalam LLP, Kazakhstan 3. Bagdat Kozhakhmetova, International Information Technology University, Kazakhstan 4. Dana Tsoy, International Information Technology University, Kazakhstan Strategies for the Disposal of Spacecraft of the National Earth Remote Sensing Constellation of the Republic of Kazakhstan</p>
ID 340	<p>1. Mehmet Tolga Kılınçkaya, Istanbul Technical University, Turkiye 2. Ibraheem Shayea, Istanbul Technical University, Turkiye 3. Laura Aldasheva, Astana IT University, Kazakhstan 4. Akzhibek Amirova, Astana IT University, Kazakhstan 5. Akhmet Tussupov, Astana IT University, Kazakhstan Estimating Parking Lot Occupancy Rates From Images Using CNN and YOLOv11</p>
ID 364	<p>1. Nurzhigit Smailov, Institute of Mechanics and Machine Engineering named after Academician U. A. Joldasbekov, Kazakhstan 2. Aidana Bazarbay, Satbayev University, Kazakhstan 3. Ainur Kuttybayeva, Institute of Mechanics and Machine Engineering named after Academician U. A. Joldasbekov, Kazakhstan 4. Zhiger Zhanatayuly, Institute of Mechanics and Machine Engineering named after Academician U. A. Joldasbekov, Kazakhstan 5. Beibarys Sekenov, Institute of Mechanics and Machine Engineering named after Academician U. A. Joldasbekov, Kazakhstan 6. Dina Bauyrzhankyzy, Institute of Mechanics and Machine Engineering named after Academician U. A. Joldasbekov, Kazakhstan Optimizing the sensitivity of fiber optic sensors to measure deformations in composite materials</p>
ID 365	<p>1. Ngoc Tran, FPT University, Vietnam Perceived Network Latency and Stability as Drivers of User Experience in Interactive Video Applications: Evidence From Mobile Users in Vietnam</p>
ID 542	<p>1. Yassine Himeur, University of Dubai, UAE 2. Omar Alnaseri, Baden-Wuerttemberg Cooperative State University, Germany</p>

<p>3. Shadi Atalla, University of Dubai, UAE 4. Wathiq Mansoor, American University of Iraq – Baghdad, Iraq 5. Hussain Al-Ahmad, University of Dubai, UAE FedLLM-6G: A Federated Large Language Model for Semantic-Aware and Privacy-Preserving Communication in 6G Networks</p>

14:10 16:00	<p>TRACK 4. COMPUTATIONAL INTELLIGENCE</p> <p>Muslim Sergaziyev, PhD, Associate Professor (Chair) Beibit Abdikenov, PhD, Assistant Professor Temirlan Karibekov, Doctor of Medical Sciences Aliya Nugumanova, PhD, Associate Professor Section Secretary – Aizada Kaiyr, Aigerim Bazarkhanova</p> <p>Venue- C1.2.122</p> <p>https://us06web.zoom.us/j/88514885985?pwd=8boFk0d5Ts7DWnlRpooxJKXWzEY2EL.1</p>
ID 10	<p>1. Sushant Gavaraskar, Vishwakarma Institute of Information Technology Pune, India Trust-Aware Explainable AI for Credit-Card Fraud Detection: An XAI-Driven Decision Support System with SHAP, Counterfactuals and a Trust Index</p>
ID 32	<p>1. Sultanbek Jakhanov, KBTU, Kazakhstan Conformal Prediction for Crowdfunding Risk Assessment: A Distribution-Free Approach to Uncertainty Quantification</p>
ID 51	<p>1. Tomoki Ito, Keio University, Japan 2. Yoshiyuki Suimon, Keio University, Japan Construction of Road Traffic Accident Dataset Associated with Meteorological Data</p>
ID 105	<p>1. Parwiz Rahman, Al-Farabi Kazakh National University, Kazakhstan 2. Dinara Zhaisanova, Al-Farabi Kazakh National University, Kazakhstan XAI-Informed Iterative Development (XIID): An Architecture to construct High-Performance, Explainable Loan Default Prediction Models</p>
ID 108	<p>1. Arman Nurgalykov, International University of Information Technology, Kazakhstan 2. Saya Sapakova, International University of Information Technology, Kazakhstan 3. Gani Nurgazy, International University of Information Technology, Kazakhstan 4. Askar Sapakov, M. Tynyshpaev ALT University JSC, Kazakhstan 5. Duriya Daniyarova, Kazakh American University, Kazakhstan Multi-Intersection Coordination in Smart Cities: A Spatio-Temporal Graph Attention Reinforcement Learning Approach</p>
ID 114	<p>1. Parakhat Nurimov, "Tashkent Institute of Irrigation and Agricultural Mechanization Engineers" National Research University, Uzbekistan Latency-Aware CNN-SNN Speaker Verification with Early-Exit for Resource-Constrained Deployment</p>
ID 115	<p>1. Chenghan Yang, Al-Farabi Kazakh National University, Kazakhstan 2. Baidong Zhao, Al-Farabi Kazakh National University, Kazakhstan 3. Dingkun Zheng, Al-Farabi Kazakh National University, Kazakhstan 4. Shangpeng Lei, Al-Farabi Kazakh National University, Kazakhstan 5. Long Chen, Sichuan University of Science and Engineering, China 6. Madina Mansurova, Al-Farabi Kazakh National University, Kazakhstan Lightweight Semantic Segmentation for Traversable Area Detection in Complex Agricultural Environments Using MobileNetV3-U-Net-Lite</p>
ID 117	<p>1. Yelizaveta Tkachyova, Satbayev University, Kazakhstan 2. Ariana Sholdanbaeva, Satbayev University, Kazakhstan 3. Amir Abdullin, Satbayev University, Kazakhstan 4. Abdul Razaque, Satbayev University, Kazakhstan Next-Generation AI Framework for Real-Time Phishing Detection: A Hybrid Random Forest-LightGBM Method</p>
ID 118	<p>1. Kamila Kanafina, Astana IT University, Kazakhstan Use of AI Methods for Speech Recognition and Big Data Query Processing</p>
ID 122	<p>1. Shirali Kadyrov, New Uzbekistan University, Uzbekistan 2. Aliya Mukhtarova, SDU University, Kazakhstan</p>

	3. Sanzhar Tleubergen, SDU University, Kazakhstan Evaluating Open-Source Large Language Models on Kazakhstan's NIS Admission Examination
ID 129	1. Diana Yermekova, International Information Technology University, Kazakhstan AUTOMATED SYSTEM FOR STUDENT ATTENDANCE TRACKING IN CLASSROOMS BASED ON VIDEO RECOGNITION
16:00	Coffee break
16:20 18:00	TRACK 4. COMPUTATIONAL INTELLIGENCE Venue- C1.2.122
ID 134	1. Nady Slam, Northwest Minzu University, China 2. Ziwen Zheng, Yunnan Mobile Lancang Branch, China A Sequential Game Framework for Emergency Decision-Making with Fuzzy Bayesian
ID 150	1. Mohammad Shahin Uddin, International Islamic University Chittagong, Bangladesh 2. Abrar Fahim, Islamic University of Technology, Bangladesh 3. Sebika Dey, Sylhet Agricultural University, Bangladesh 4. Nusrath Sultana, East Delta University, Bangladesh 5. Md. Shakhauat Hossan Sumon, North South University, Bangladesh 6. El Shahriar Khan, Islamic University of Technology, Bangladesh SE-DenseNet201: An Accurate and Explainable Deep Learning Approach for Cotton Leaf Disease Classification
ID 154	1. Tair Baurzhan, Astana IT University, Kazakhstan Explainable Machine Learning for Risk-Based Transaction Monitoring
ID 160	1. Anday Duru, Karabuk University, Turkiye Triage Decision Support Using CBC Under Class Imbalance
ID 163	1. Gaukhar Toktagulova, Astana IT University, Kazakhstan 2. Aigul Mimenbayeva, Astana IT University, Kazakhstan 3. Marlen Amanbayev, Astana IT University, Kazakhstan Comparative Analysis of Transformer Architectures for Masked Gene Expression Prediction
ID 169	1. Anar Amangozhayeva, Turan University, Kazakhstan 2. Yerkezhan Amangozhayeva, International Information Technology University, Kazakhstan 3. Mariya Markelova, Turan University, Kazakhstan 4. Viktoriya Zabolotnikova, Turan University, Kazakhstan 5. Dinara Jarikbayeva, Narxoz University, Kazakhstan 6. Serikzhan Tastulekov, Turan University, Kazakhstan A Data-Driven Model for Monitoring the State of Digital Financial Infrastructures: The IRFPI Approach
ID 170	1. Aidos Mukhatayev, Astana IT University, Kazakhstan 2. Arailym Medetbek, Astana IT University, Kazakhstan 3. Sapar Toxanov, Astana IT University, Kazakhstan 4. Andrii Biloshchytskyi, Astana IT University, Kazakhstan 5. Serik Omirbayev, Astana IT University, Kazakhstan 6. Temirlan Karibekov, Astana IT University, Kazakhstan Development of a conceptual model of an intelligent digital ecosystem of science management
ID 171	1. Nurkamilya Daurenbayeva, International Information Technology University, IITU, Kazakhstan 2. Symbat Mamanova, International Information Technology University, IITU, Kazakhstan 3. Ali Abd Almisreb, International University of Sarajevo, Bosnia and Herzegovina 4. Almas Nurlanuly, Civil Aviation Academy, Kazakhstan 5. Nazym Barlykbay, International Information Technology University, IITU, Kazakhstan

	6. Akbota Akim, International Information Technology University, IITU, Kazakhstan Quantum-Enhanced Deep Learning for Microclimate Fault Diagnosis
ID 172	1. Miras Alimov, Astana IT University, Kazakhstan 2. Aigul Adamova, Astana IT University, Kazakhstan SHAP-Guided Feature Selection with LightGBM-BiLSTM Ensemble for Intrusion Detection in Wireless Sensor Networks
ID 173	1. Pakizar Shamoï, KBTU, Kazakhstan 2. Anuza Akturina, KBTU, Kazakhstan 3. Miras Kaisagaliyev, KBTU, Kazakhstan 4. Zhusup Smambayev, KBTU, Kazakhstan Understanding Public Reactions to AI in Education: Opinion Mining of Social Media Data
ID 177	1. Saule Amanzholova, Astana IT University, Kazakhstan 2. Samat Mukhanov, Astana IT University, Kazakhstan 3. Balziya Aldosh, Astana IT University, Kazakhstan 4. Syrym Sapash, Astana IT University, Kazakhstan 5. Darkhan Serik, Astana IT University, Kazakhstan Intelligent Road Sign Monitoring and Classification System on Embedded Edge Devices with TPU Acceleration

14:10 16:00	TRACK 5. ROBOTICS AND AUTOMATION Ilyas Kazambayev (Chair) Aruzhan Shoman, PhD Daniyar Dauletiya Section Secretary – Ainur Medetkhan Venue- C1.2.121 https://us06web.zoom.us/j/88683096822?pwd=MTXZiCrlzar4Yf7rLD4ZuYlc83GC0e.1
14:10 14:30	Invited Session Presentation: Galia Zamaratskaia, PhD, Associate Professor at Sweden Agricultural University (Uppsala, Sweden)
ID 25	1. Ayan Kemel, L.N.Gumilev Eurasian National University, Kazakhstan Operator-Aware Hierarchical Fuzzy Control for Urban UAV Navigation: An Empirical Benchmark of Soft Arithmetic Operators
ID 26	1. Ayan Kemel, L.N.Gumilev Eurasian National University, Kazakhstan From Turn Delay to Yaw Pulse A Duration Based Fuzzy Control Framework for UAV Cornering Around Buildings
ID 79	1. Mazakov Talgat, al-Farabi Kazakh National University, Kazakhstan Mathematical model of a multi-motor conveyor drive
ID 89	1. Akhmet-Sultan Alatau, Kazakh-British Technical University, Kazakhstan A Hybrid Multi-Agent Architecture for Resilient Logistics Planning Under Demand and Supply Uncertainty
ID 153	1. Chengyang Yang, Mingde Experimental School Xuzhou, China 2. Lin Xuan, Al-Farabi Kazakh National University, Kazakhstan 3. Chenghan Yang, Al-Farabi Kazakh National University, Kazakhstan 4. Baidong Zhao, Al-Farabi Kazakh National University, Kazakhstan 5. Dingkun Zheng, Al-Farabi Kazakh National University, Kazakhstan 6. Madina Mansurova, Al-Farabi Kazakh National University, Kazakhstan Design of an Intelligent Robotic System Integrating Medical Waste Transportation and Omnidirectional Precision Disinfection
ID 240	1. Aohua han, 西华大学, China 2. Yitong peng, Xihua University, China 3. Hong hu, Xihua University, China Design and Experiment of a Pneumatic Impact Precision Shooting and Sowing Device for Soybeans in Hilly and Mountainous Areas
ID 261	1. Mykola Klymenko, KNUCA, Ukraine 2. Yevhen Mishchuk, Kyiv National University of Construction and Architecture, Ukraine 3. Dmytro Mishchuk, Kyiv National University of Construction and Architecture, Ukraine 4. Yaroslav Korobenko, Kyiv National University of Construction and Architecture, Ukraine 5. Andrii Biloshchytskyi, Astana IT University, Kazakhstan 6. Ievgen Ivinskyi, Kyiv National University of Construction and Architecture, Ukraine THE CLASSICAL MECHANICS METHODS IN PROBLEMS OF OPTIMIZATION OF ROBOTIC SYSTEMS USING THE NIRYO ONE PLATFORM
ID 336	1. Nurbolat Tasbolatuly, Astana IT University, Kazakhstan Practical Output Tracking for Switched Nonlinear Time-Delay Systems via a SLF
ID 348	1. Adil Maidanov, L. N. Gumilyov Eurasian National University, Kazakhstan 2. Hüseyin Canbolat, Ankara Yıldırım Beyazıt University, Türkiye 3. Sabyrzhan Atanov, L. N. Gumilyov Eurasian National University, Kazakhstan Fuzzy logic-based adaptive control for LiDAR-equipped mobile robots

ID 352	1. Abzal Kyzyrkanov, Astana IT University, Kazakhstan An Exploratory Study of Gender Effects on Pupillary Cognitive Load in Human–Robot Interaction
16:00	Coffee break
16:20 18:00	TRACK 5. ROBOTICS AND AUTOMATION Venue- C1.2.121
ID 406	1. Dina Kantayeva, Astana IT University, Kazakhstan 2. Batyrzhan Akhmetzhanov, Astana IT University, Kazakhstan 3. Ilyas Kazambayev, Astana IT University, Kazakhstan Concept of the Smart Archival Box for Historical Artifacts Storage
ID 435	1. Adilet Ormanov, Eurasian National university, Kazakhstan 2. Kanagat Dyusekeev, Eurasian National University, Kazakhstan 3. Stanislav Shidlovskiy, National Research Tomsk State University 4. Zarina Sayakulova , Astana IT University, Kazakhstan Development of a Fuzzy Control Algorithm for Precise Quadcopter Landing Under Wind Disturbances
ID 251	1. Yuliia Riabchun, Kyiv National University of Construction and Architecture, Ukraine 2. Elena Gorda, Kyiv National University of Construction and Architecture, Ukraine 3. Anatolii Serdiuk, Warsaw University of Technology Evolutionary Swarm Model for Decentralized UAV Navigation and Local Positioning

14:10 16:00	TRACK 6. SIGNAL PROCESSING Baurzhan Ilyassov, PhD, professor (Chair) Leila Rzayeva, PhD, Associate Professor Section Secretary – Gulzhazira Almakhambetkyzy, Aigerim Bakytbek Venue- Atameken Space https://us06web.zoom.us/j/89011220480?pwd=rYkwtXovx9CzLpijPmU86qD7jcpMF0.1
14:10 14:30	Invited Session Presentation: <i>Ignacio Sanjuán Moltó – Professor, Institute of Advanced Materials (INAM) at University Jaume I (Castelló de la Plana, Spain)</i>
ID 46	1. Arypzhhan Aben, Khoja Akhmet Yassawi International Kazakh-Turkish University, Kazakhstan Comparative analysis of CNN, BiLSTM and GCN models in automatic detection of speech disorders in children in the Kazakh language
ID 95	1. Anel Auyezova, IITU, Kazakhstan 2. Aigerim Aitim, IITU, Kazakhstan 3. Bakhtgerrey Sinchev, IITU, Kazakhstan 4. Tolkynai Sadykova, IITU, Kazakhstan 5. Yernar Madiyar, AITU, Kazakhstan 6. Orynkul Sagyntay, IITU, Kazakhstan Hybrid Neural Approaches for NP-Complete Problem Solving in Unstructured Legal Data
ID 101	1. Ivan Bondar, Kazakh Automobile and Road Institute named after L. B. Goncharov, Kazakhstan Processing of Geotechnical Sensor Signals For Early Detection of Stability Loss in Earth Embankments
ID 106	1. Bakhyt Alipova, International IT University, Kazakhstan Interactive Signal Processing–Based Modeling of Thermoelastic Response in a Half-Space Using Green-Type Function in MATLAB GUI
ID 113	1. Alina Gutoreva, KBTU, Kazakhstan 2. Zhaniya Omar, KBTU, Kazakhstan Tracking Human Daily Cognitive Activity from EEG and Biometric Data
ID 120	1. Zhuldyz Bagybek, International Information Technology University, Kazakhstan 2. Aigerim Aitim, International Information Technology University, Kazakhstan Calibration-Free Motor Imagery Classification Based on Electroencephalography Using Domain-Adversarial Neural Networks
ID 121	1. Zhuldyz Bagybek, International Information Technology University, Kazakhstan 2. Aigerim Aitim, International Information Technology University, Kazakhstan Ablation and Robustness Analysis of Domain-Adversarial EEGNet for Calibration-Free Motor Imagery Brain-Computer Interfaces
ID 329	1. Aidana Abilova, L.N.Gumilev Eurasian National University, Kazakhstan Processing Images for Rapid Detection and Quantification of Seismic Surface Changes
ID 347	1. Dina Koishiyeva, Kazakh-British Technical University, Kazakhstan 2. Assel Mukasheva, Kazakh-British Technical University, Kazakhstan 3. Murat Nauryzbayev, Kazakh-British Technical University, Kazakhstan 4. Olzhas Kenzhaliyev, Kazakh-British Technical University, Kazakhstan 5. Jeong Won Kang, National University of Transportation, Korea Predicting Livestock Activity Patterns with Machine Learning
ID 351	1. Abzal Kyzyrkanov, Astana IT University, Kazakhstan CSP–LDA Decoding of Left–Right Hand Motor Imagery EEG: Interpretable Spatial Patterns and Subject-Level Error Trends

16:00	Coffee break
16:20	TRACK 6. SIGNAL PROCESSING
18:00	Venue- Atameken Space
ID 377	<p>1. Nurzhigit Smailov, Institute of Mechanics and Machine Engineering named after Academician U. A. Joldasbekov, Kazakhstan</p> <p>2. Akezhan Sabibolda, Institute of Mechanics and Machine Engineering named after Academician U. A. Joldasbekov, Kazakhstan</p> <p>3. Maral Abulkhanova, Satbayev University, Kazakhstan</p> <p>4. Moldir Baigulbayeva, Al-Farabi Kazakh National University, Kazakhstan</p> <p>5. Ydyrys Makhatov, Satbayev University, Kazakhstan</p> <p>6. Dina Bauyrzhankyzy, Institute of Mechanics and Machine Engineering named after Academician U. A. Joldasbekov, Kazakhstan</p> <p>Doppler-Aware Dynamic Spectral-Correlation Framework for Passive Radio Emitter Tracking</p>
ID 492	<p>1. Zhanseitova Akzhunis , Eurasian National University named after L.N. Gumilyov, Kazakhstan</p> <p>Features of Using the OKO-3 Ground-Penetrating Radar for Detection and Analysis of Subsurface Heterogeneities</p>
ID 507	<p>1. Zhanseitova Akzhunis , Eurasian National University named after L.N. Gumilyov, Kazakhstan</p> <p>1. Features of Using the OKO-3 Ground-Penetrating Radar for Detection and Analysis of Subsurface Heterogeneities</p>

<p>14:10 16:00</p>	<p>Workshop «AI-Driven Physical Culture and Mass Sports (AIMS 2025)»</p> <p>Alexandr Neftissov, PhD, Associate Professor (chair) Alina Ten Section Secretary –Lalita Kirichenko</p> <p>Venue - Kazakh National University of Sports, “Sports Analytics and Training” Research Center, Meeting Room (11 Karkaraly Street, Astana)</p> <p>https://us06web.zoom.us/j/84412600461?pwd=tOpSzDRcJqMa9BEhno41WVAbLZBfdK.1</p>
<p>ID 242</p>	<p>1. Saida Smakova, Kazakh National University of Sports, Kazakhstan 2. Khanat Kassenov, Kazakh National University of Sports, Kazakhstan 3. Tursynzada Kuangaliyeva, Kazakh National University of Sports, Kazakhstan 4. Alexander Neftissov, Kazakh National University of Sports, Kazakhstan 5. Madina Kutubayeva, L.N. Gumilyov Eurasian National University, Kazakhstan Video-Based Exercise Form Evaluation Using Temporal Pose Alignment and Explainable Angle Descriptors</p>
<p>ID 263</p>	<p>1. Temirlan Ozbek, Nazarbayev University, Kazakhstan 2. Yeltay Rakhmanov, Nazarbayev University, Kazakhstan Feasibility Study of Implementing AI-driven Exercise Platforms in Kazakhstani Practice</p>
<p>ID 379</p>	<p>1. Lalita Kirichenko, Astana IT University, Kazakhstan 2. Alexandr Neftissov, Kazakh National University of Sports, Kazakhstan 3. Andrey Shunko , Kazakh National University of Sports, Kazakhstan 4. Nikolay Martyntsov, Astana IT University, Kazakhstan 5. Valentin Savitskii, Ministry of Tourism and Sports of the Republic of Kazakhstan, Kazakhstan Concept of an intelligent monitoring system based on artificial intelligence for identifying schoolchildren's aptitudes for sports</p>
<p>ID 383</p>	<p>1. Andrey Mikryakov, Astana IT University, Kazakhstan 2. Adil Faizullin, Astana IT University, Kazakhstan 3. Ilyas Kazambayev, Astana IT University, Kazakhstan 4. Aubakirova Aliya, Astana IT University, Kazakhstan 5. Ainur Medetkhan, Astana IT University, Kazakhstan Development of an intelligent fitness tracker for predictive fatigue analysis based on artificial intelligence and the internet of things technologies</p>
<p>ID 430</p>	<p>1. Alina Ten, Kazakh National University of Sports, Kazakhstan 2. Yerik Makhambetov, Dulaty University, Kazakhstan 3. Vladimir Potop, University Center Pitesti, National University of Science and Technology “Politehnica” 4. Anna Zhidovinova, Kazakh Academy of Sport and Tourism, Kazakhstan 5. Oleg Komarov , Akhmet Baitursynuly Kostanay Regional University, Kazakhstan 6. Janat Nurtazina, Kazakh National University of Sports, Kazakhstan Machine Learning-Based Classification of Sport-Specific Morphofunctional Profiles in Young Male Athletes</p>
<p>ID 432</p>	<p>1. Tursynzada Kuangaliyeva, Kazakh National University of Sports, Kazakhstan Impact of Grip Classification and Grip-Strength Training on Competitive Effectiveness in Female Judo Athletes</p>
<p>ID 438</p>	<p>1. Zhaxat Kenzhin, Kazakh National University of Sports, Kazakhstan A Conceptual Model of Long-Term Judo Training Based on Performance Monitoring and Technical and Tactical Indicators</p>

ID 442	1. Yuliya Idiyatova, AITU, Kazakhstan Review of Regional Models for Engaging Older Adults in Mass Sports: Practices Using Digital Technologies
ID 460	1. Lalita Kirichenko, Astana IT University, Kazakhstan 2. Alexandr Neftissov, Kazakh National University of Sports, Kazakhstan 3. Damir Tassybayev, Astana IT University, Kazakhstan 4. Magzhan Amangeldi, Astana IT University, Kazakhstan 5. Oleg Stelvaga, Astana IT University, Kazakhstan Development of a Real-Time Pull-Up Validation System for Competitive Sports Using YOLO26n-Pose
16:00	Coffee break
16:20 18:00	Workpshop «AI-Driven Physical Culture and Mass Sports (AIMS 2025)» Venue- C1.2.225
ID 473	1. Zhassyn Mukhambet, Kazakh National University of Sports, Kazakhstan 2. Adilzhan Kereyev, K. Zhubanov Aktobe Regional University, Kazakhstan 3. Mukhtar Seitkerei, K. Zhubanov Aktobe Regional University, Kazakhstan 4. Aisulu Tengirbergen, K. Zhubanov Aktobe Regional University, Kazakhstan 5. Daulet Azerbayev, Kazakh National University of Sports, Kazakhstan ASSESSMENT OF BIOMECHANICAL PARAMETERS OF PHYSICAL EXERCISES BASED ON COMPUTER VISION
ID 518	1. Svitlana Kokareva, National University «Zaporizhzhia Polytechnic» 2. Borys Kokarev, National University «Zaporizhzhia Polytechnic» 3. Artem Kokarev, National University «Zaporizhzhia Polytechnic» OPTIMIZING STRATEGIES FOR THE DEVELOPMENT OF A NEW COMPETITIVE ROUTINE IMAGE IN AEROBIC GYMNASTICS THROUGH THE APPLICATION OF ARTIFICIAL INTELLIGENCE SYSTEMS
ID 546	1. Sergiy Bronin, Vilnius University 2. Dmytro Vasilchuk, National Technical University "Kharkiv Polytechnic Institute" 3. Roman Tomashevskiy, National Technical University "Kharkiv Polytechnic Institute" 4. Borys Liubarskyi, National Technical University "Kharkiv Polytechnic Institute" 5. Olexandr Plakhtiy, Ukrainian State University of Railway Transport Metrological Verification And Dynamic Characteristics Analysis Of A Venturi-Flowmeter-Based Spirometer Primary Transducer For Sports Medicine
ID 552	1. Lalita Kirichenko, Astana IT University, Kazakhstan 2. Alexandr Neftissov, Kazakh National University of Sports, Kazakhstan 3. Nikolay Martyntsov, Astana IT University, Kazakhstan 4. Damir Tassybayev, Astana IT University, Kazakhstan Development of AI-Based Analytical Systems in Sports: A Case Study of Table Tennis

TECHNICAL SESSIONS
14 May 2026 (Thursday)
(Time zone UTC+5, Astana time)

14:10 18:00	TECHNICAL SESSIONS
14:10 16:00	<p>TRACK 1. COMPUTER SCIENCE (Room 1)</p> <p>Kumar Praveen, PhD, Professor (Chair) Gulnara Abitova, PhD, Associate Professor Section Secretary –Nurbay Kairbek, Daniyar Amantayev</p> <p>Venue C.1.2.227</p> <p>https://us06web.zoom.us/j/83175004971?pwd=QIFBkHGBds7zs3AuIR4LbNyYwM9wtZ.1</p>
ID 175	<p>1. Marlen Amanbayev, Astana IT University, Kazakhstan 2. Sayan Aukatov, Astana IT University, Kazakhstan 3. Azamat Nagumanov, Astana IT University, Kazakhstan 4. Aivar Sakhipov, Astana IT University, Kazakhstan 5. Symbat Nurgaliyeva, Astana IT University, Kazakhstan 6. Islam Omirzak, Astana IT University, Kazakhstan</p> <p>AI-Powered Code Generation in Agile Workflows: Risks, Review Strategies, and Developer Perceptions</p>
ID 176	<p>1. Roman Vassilchenko, Astana IT University, Kazakhstan 2. Vladislav Goncharov, Astana IT University, Kazakhstan 3. Alibek Orynbek, Astana IT University, Kazakhstan</p> <p>Intelligent Tender Procurement Analysis: Comparative Study of International Systems and Kazakhstan's AdalQarau Platform</p>
ID 178	<p>1. Yurii Andrashko, Uzhhorod National University, Ukraine 2. Sergii Shkiria, Uzhhorod National University, Ukraine 3. Mariia Lomaha, Uzhhorod National University, Ukraine</p> <p>Pre-Authentication Semantic Filtering with Compact Convolutional Neural Networks for Digital Object Verification</p>
ID 191	<p>1. Ramin Sagandykov, Astana IT University, , Kazakhstan 2. Yunkyung Lee, Korea National University of Transportation, Korea 3. Saule Amanzholova, Astana IT University, Kazakhstan 4. Serik Aisulu, Non-profit JSC “Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeyev, Kazakhstan 5. Assel Mukasheva, Kazakh-British Technical University, Kazakhstan</p> <p>An Investigation of an Explainability-Driven Hybrid Model for Flow-Based Intrusion Detection</p>
ID 192	<p>1. Aliya Jemal Getahun, Al Farabi Kazakh National university, Kazakhstan 2. Alnur Kengesbay, Astana IT University, Kazakhstan 3. Baglan Imanbek, Al Farabi Kazakh National university, Kazakhstan 4. Bibars Amangeldy, Al Farabi Kazakh National university, Kazakhstan 5. Zhanel Baigarayeva, Al Farabi Kazakh National university, Kazakhstan 6. Dinara Azat, Nazarbayev University, Kazakhstan</p> <p>An Explainable Self-Attention and Intersample Attention Transformer for Initial Multi-Class Screening of Sleep Disorders</p>

ID 194	<ol style="list-style-type: none"> 1. Aliya Jemal Getahun, Al Farabi Kazakh National university, Kazakhstan 2. Alnur Kengesbay, Astana IT University, Kazakhstan 3. Baglan Imanbek, Al Farabi Kazakh National university, Kazakhstan 4. Akerke Amangeldy , Al Farabi Kazakh National university, Kazakhstan 5. Bibars Amangeldy, Al Farabi Kazakh National university, Kazakhstan 6. Zhanel Baigarayeva, Al Farabi Kazakh National university, Kazakhstan <p>A Benchmarking Study of Classical and Quantum Machine Learning Approaches for Blood–Brain Barrier Permeability Prediction</p>
ID 195	<ol style="list-style-type: none"> 1. Aliya Jemal Getahun, Al Farabi Kazakh National university, Kazakhstan 2. Alnur Kengesbay, Astana IT University, Kazakhstan 3. Bibars Amangeldy, Al Farabi Kazakh National university, Kazakhstan 4. Zhanel Baigarayeva, Al Farabi Kazakh National university, Kazakhstan 5. Sabira Ataee, Uppsala University 6. Edom Belayneh, Michigan University <p>Quantifying Epigenetic Drift Using an Explainable Transformer-Based Foundation Model for Estimating Biological Age via Methylation Entropy</p>
ID 196	<ol style="list-style-type: none"> 1. Bakdaulet Zhumagulov, Joldasbekov Institute of Mechanics and Engineering, Kazakhstan 2. Maksat Turmakhan, Satbayev University, Kazakhstan 3. Symbat Sharipova, Satbayev University, Kazakhstan 4. Zhanel Zholdybaeva, Abai Kazakh National Pedagogical University, Kazakhstan 5. Zhanar Omirbekova, Satbayev University, Kazakhstan 6. Ulzhalgas Zhunissova, Joldasbekov Institute of Mechanics and Engineering, Kazakhstan <p>Analyzing Negative Transfer in Cross-Modal Attention Fusion of Multi-Omic Data for Psychiatric Disorders</p>
ID 197	<ol style="list-style-type: none"> 1. Adilet Kakharov, Al-Farabi Kazakh National University, Kazakhstan 2. Shugyla Kurmanbek, Al-Farabi Kazakh National University, Kazakhstan 3. Nurdaulet Tasmurzayev, Al-Farabi Kazakh National University, Kazakhstan 4. Jamilya Kaibullayeva, Institute of Cardiology and Internal Diseases, Kazakhstan 5. Assiya Boltaboyeva, Al-Farabi Kazakh National University, Kazakhstan 6. Gulshat Amirkhanova, Al-Farabi Kazakh National University, Kazakhstan <p>Causal AI Framework for Treatment Effect Estimation in Cardiovascular Disease Risk Analysis</p>
ID 198	<ol style="list-style-type: none"> 1. Shugyla Kurmanbek, Al-Farabi Kazakh National University, Kazakhstan 2. Dinara Turmakhanbet, Al-Farabi Kazakh National University, Kazakhstan 3. Akerke Amangeldy, Al-Farabi Kazakh National University, Kazakhstan 4. Raikhan Bolatbekova, Almaty Oncology Center, Kazakhstan 5. Nursultan Izbagambetov, Almaty Oncology Center, Kazakhstan 6. Assiya Boltaboyeva, Al-Farabi Kazakh National University, Kazakhstan <p>Benchmarking Tabular Foundation Models and AutoML Systems in Cardiovascular Disease Prediction</p>
ID 200	<ol style="list-style-type: none"> 1. Abdulaziz Abdukarimov, Joldasbekov Institute of Mechanics and Engineering, Kazakhstan 2. Miras Mukazhan, Joldasbekov Institute of Mechanics and Engineering, Kazakhstan 3. Aruzhan Baisiikhova, Abai Kazakh National Pedagogical University, Kazakhstan 4. Adilet Kakharov, Al-Farabi Kazakh National University, Kazakhstan 5. Waldemar Wójcik, Lublin University of Technology, Poland 6. Baglan Imanbek, Al-Farabi Kazakh National University, Kazakhstan <p>Predicting Volatile Fatty Acid Concentration in Anaerobic Digesters Using Routine Measurements and AI-Based Machine Learning</p>
16:00	Coffee break

16:20 18:00	TRACK 1. COMPUTER SCIENCE (Room 1) Venue C.1.2.227 https://us06web.zoom.us/j/83175004971?pwd=QIFBkHGBds7zs3AuIR4LbNyYwM9wtZ.1
ID 201	1. Mukhamejan Aitkazin, Al Farabi Kazakh National University, Kazakhstan 2. Tolebi Riza, Al Farabi Kazakh National University, Kazakhstan 3. Murat Bolysbek, Al Farabi Kazakh National University, Kazakhstan 4. Asylzhan Bolysbek, Al Farabi Kazakh National University, Kazakhstan 5. Nathnael Biresaw, Kazak British technical University, Kazakhstan 6. Nurdaulet Tasmurzayev, Al Farabi Kazakh National University, Kazakhstan Explainable Deep Learning for Pediatric Brain Tumor Segmentation using Attention U-Net
ID 202	1. Mirwais Mohebi , Al-Farabi Kazakh National University, Kazakhstan 2. Marlen Maulenbekov, Telecommunications and Space Technologies, Kazakhstan 3. Abenezher Alemayehu , Kazakh British Technical University, Kazakhstan 4. Gulmira Nietbaeva, Abai Kazakh National Pedagogical University, Kazakhstan 5. Inzhu Amangeldi, Abai Kazakh National Pedagogical University, Kazakhstan 6. Alan Kazkenov, Innovations and Aerospace Industry of the Republic of Kazakhstan, Kazakhstan Benchmarking of Classical and Modern Tabular Machine Learning Models for Sleep Efficiency Prediction
ID 205	1. Olena Kryvoruchko, National University of Life and Environmental Sciences of Ukraine,Ukraine 2. Elizaveta Zavhorodnya, State University of Trade and Economics, Ukraine 3. Yaroslav Shestak, State University of Trade and Economics, Ukraine 4. Oleh Kulynych, National University of Life and Environmental Sciences of Ukraine, Ukraine Intelligent Model for Protecting the Components of the Information Infrastructure of a Higher Education Institution Based on Modern Cybersecurity Approaches
ID 208	1. Saida Abdrakhmanova, Astana IT University, Kazakhstan Multimodal machine learning method for early identification of skin diseases
ID 210	1. Sapargul Ordobaeva, Vistula University, Poland 2. Selcuk Cankurt, Vistula University, Poland 3. Ualikhan Sadyk, SDU University, Kazakhstan Interpretable Hybrid CNN-BiLSTM-Attention Model for ECG Arrhythmia Classification
ID 211	1. Dair Karatay, Astana IT University, Kazakhstan 2. Zhanna Sadirmekova, Astana IT University, Kazakhstan Fake News Detection on Twitter Using Machine Learning
ID 212	1. Alemzhan Makhambetov, Astana IT University, Kazakhstan 2. Aigul Adamova, Astana IT University, Kazakhstan Comparative Evaluation of QUIC Congestion Control Algorithms with Machine Learning-Based Adaptation Across Diverse Network Environments
ID 228	1. Yersultan Serimbetov, Astana IT University, Kazakhstan 2. Yunkyung Lee, Korea National University of Transportation, Korea 3. Saule Amanzholova, Astana IT University, Kazakhstan 4. Jeong Won Kang, Korea National University of Transportation, Korea 5. Aisulu Serik , Almaty University of Power Engineering and Telecommunications, Kazakhstan 6. Assel Mukasheva, Kazakh-British Technical University, Kazakhstan

	A Systematic Review and Taxonomy of Machine Learning Approaches for Static Malware Detection in Linux ELF Binaries
ID 229	<ol style="list-style-type: none"> 1. Ihor Berezutskyi, Kyiv National University of Construction and Architecture, Ukraine 2. Tetyana Honcharenko, Kyiv National University of Construction and Architecture, Ukraine 3. Mykola Tsai, Kyiv National University of Construction and Architecture, Ukraine 4. Mykola Zdrilko, Kyiv National University of Construction and Architecture, Ukraine 5. Illia Sachenko, Kyiv National University of Construction and Architecture, Ukraine 6. Nursaya Batyr, Astana IT University, Kazakhstan Database-driven Information System for Support IT Project Methodology Selection
ID 254	<ol style="list-style-type: none"> 1. Assem Tynyshtybay, Kazakh-British Technical University, Kazakhstan 2. Azamat Serek, Astana IT University, Kazakhstan 3. Meraryslan Meraliyev, SDU University, Kazakhstan Development of Adaptive Approach for Kazakh Text Correction Using Sequence-to-Sequence Models
ID 266	<ol style="list-style-type: none"> 1. Aldiyar Seyl Khanov, Astana IT University, Kazakhstan Development of a hybrid deep learning model for detection and stable tracking of multiple objects in dense occlusion
14:10 16:00	TRACK 1. COMPUTER SCIENCE (Room 2) Kumar Praveen, PhD, Professor (Chair) Gulnara Abitova, PhD, Associate Professor Section Secretary –Nurbay Kairbek, Daniyar Amantayev Venue C.1.2.225 https://us06web.zoom.us/j/82095614358?pwd=BJbJgeP8hObLtaJ4Vn1aVzNEozWGqY.1
ID 278	<ol style="list-style-type: none"> 1. Zhumaniyaz Mamatnabiyev, Suleyman Demirel University, Kazakhstan 2. Shodi Farhod, SDU University, Kazakhstan A Graph-Based Approach to Structuring The Internet of Things Curriculum
ID 280	<ol style="list-style-type: none"> 1. Rostyslav Lisnevskyi, Astana IT University, Kazakhstan 2. Myroslava Gladka, Taras Shevchenko National University of Kyiv, Ukraine 3. Mykola Kostikov, Taras Shevchenko National University of Kyiv, Ukraine 4. Saule Amanzholova, Astana IT University, Kazakhstan 5. Ruslan Tormosov, Astana IT University, Kazakhstan 6. Vitalii Lisnevskyi, Astana IT University, Kazakhstan Development of a hybrid analytical model to assess the impact of central bank digital currencies
ID 284	<ol style="list-style-type: none"> 1. Rostyslav Lisnevskyi, AITU, Kazakhstan 2. Vitalii Lisnevskyi, Astana IT University, Kazakhstan 3. Vladlen Lisnevskyi, Taras Shevchenko National University of Kyiv, Ukraine 4. Noyan Tendikov, Astana IT University, Kazakhstan 5. Oleksandr Kuchanskyi, Astana IT University, Kazakhstan Optimizing nonce range selection in solo Bitcoin mining
ID 290	<ol style="list-style-type: none"> 1. Azamat Karsybayev, Astana IT University, Kazakhstan Development of machine learning methods to define the forest area in Kazakhstan by analyzing aerial and satellite images
ID 293	<ol style="list-style-type: none"> 1. Beibarys Kozgambek, Kazakh-British Technical University, Kazakhstan Author name disambiguation under sparse-data conditions

ID 294	1. Nariman Sailaubek, Astana IT University, Kazakhstan 2. Praveen Kumar, Astana IT University, Kazakhstan Criteria-Based Evaluation of Pedestrian Navigation Systems
ID 299	1. Akniyet Sarsenbek, Astana IT University, Kazakhstan 2. Zhanna Sadirmekova, Astana IT University, Kazakhstan Development of an Algorithm for Personalized Selection of Game Based Tasks to Foster Critical Thinking in School Students
ID 303	1. Sanzhar Kurmambayev, Al-Farabi Kazakh National University, Kazakhstan 2. Saule Amanzholova, Astana IT University, Kazakhstan A Comparative Study of Supervised Machine Learning Algorithms for Ransomware Detection
ID 307	1. Serhii Pozdniakovych, Kyiv National University of Construction and Architecture, Ukraine 2. Tetyana Honcharenko, Kyiv National University of Construction and Architecture, Ukraine 3. Igor Achkasov, Kyiv National University of Construction and Architecture, Ukraine 4. Roman Zhuk, Kyiv National University of Construction and Architecture, Ukraine 5. Sergiy Paliy, Kyiv National University of Construction and Architecture, Ukraine 6. Artem Biloshchytskyi, Kyiv National University of Construction and Architecture, Ukraine Security Challenges and Robustness of Computer Vision Systems to Adversarial Attacks
ID 319	1. Bexultan Yessirkegen, Astana IT University, Kazakhstan 2. Alua Myrzakerimova, Astana IT University, Kazakhstan 3. Temirlan Ilyassov, Astana IT University, Kazakhstan Risk-Aware, Multi-Objective Truck Routing in Europe
ID 320	1. Akmadi Assylkhan, Astana IT University, Kazakhstan 2. Svitlana Biloshchytska, Astana IT University, Kazakhstan Comparative Evaluation of Neural Architectures for AI-Generated Text Detection
16:00	Coffee break
16:20 18:00	TRACK 1. COMPUTER SCIENCE (Room 2) Venue C.1.2.225 https://us06web.zoom.us/j/82095614358?pwd=BJbJgeP8hObLtaJ4Vn1aVzNEozWGqY.1
ID 331	1. Nurtore Onggarbay, Astana IT University, Kazakhstan 2. Aigul Adamova, Astana IT University, Kazakhstan Intrusion Detection in IIoT Networks Using a Hybrid Deep Learning Architecture: Ablation and Feature Analysis on CIC-IOT 2025
ID 333	1. Mukhammed Kaskyrbaev, Astana IT University, Kazakhstan Early Rug Pull Detection in Solana DeFi Using Liquidity Pool Dynamics and Machine Learnings
ID 337	1. Mustafu Sarvarov, Astana IT University, Kazakhstan Integrating Crop Yield Prediction with Market Price Forecasting for Data-Driven Crop Selection in Kazakhstan
ID 341	1. Alina Omarova, International Information Technologies University, Kazakhstan 2. Anel Auyezova, International Information Technology University, Kazakhstan 3. Tomiris Baikenova, International Information Technology University, Kazakhstan 4. Togzhan Batyrbek, International Information Technology University, Kazakhstan 5. Aiyim Kydyrali, International Information Technology University, Kazakhstan 6. Symbat Koibakova, Yessenov University, Kazakhstan

	Application of Satellite Data for Monitoring the Condition of the Caspian Sea Water Areas in Port Zones
ID 343	1. Diyas Nurullayev, Astana IT university, Kazakhstan 2. Alibek Orynbek, Astana IT university, Kazakhstan Enhancing Consensus Efficiency and Security in DAG-Based Distributed Ledgers via an Adaptive Tip Selection Algorithm
ID 344	1. Dias Rustembek, Astana IT University, Kazakhstan 2. Aidiye Aidarbekov, Astana IT University, Kazakhstan 3. Riza Akhitova, Astana IT University, Kazakhstan An Empirical Comparison of Manual and Automatic Geometry Optimization for Mobile Rendering
ID 345	1. Jeleubay Aslan, Astana IT University, Kazakhstan 2. Nurzhamal Kashkimbayeva, Astana IT University, Kazakhstan Development of an intelligent software platform for forecasting market trends and stock prices based on the analysis of big financial data and news feeds
ID 346	1. Anastasiya Vecherkovskaya, Taras Shevchenko National University of Kyiv, Ukraine 2. Serhii Dotsenko, Taras Shevchenko National University of Kyiv, Ukraine Game-Theoretic Approaches to Optimal UAV Route Planning for Threat Detection and Interception
ID 355	1. Orlan Galiy, Astana IT University, Kazakhstan 2. Ainur Zhumadillayeva, Astana IT University, Kazakhstan Calibration-Aware MRI-Based Transfer learning for Early Cognitive Impairment Detection Across OASIS and ADNI Cohorts
ID 357	1. Rymgul Kazhimova, Astana IT University, Kazakhstan Real-Time Spatio-Temporal Trajectory Analysis for Robust Traffic Violation Detection in Urban Video Streams
ID 360	1. Yevheniia Kataieva, Comenius University in Bratislava, Slovakia 2. Philip Mojto, Slovak University of Technology in Bratislava, Slovakia A Machine Learning Pipeline for Bug-Inducing Commit Prediction to Support Testing Prioritization

14:10 16:00	<p>TRACK 2. TECHNOLOGY AND ENGINEERING MANAGEMENT</p> <p>Dana Tsoy (Chair) Section Secretary –Yerkezhan Amangozhayeva</p> <p>Venue- C1.2.139</p> <p>https://us06web.zoom.us/j/86836645146?pwd=wKCvb5NYaF19T0C9nCm0TmljHd7A6G.1</p>
14:10 14:30	<p>Invited Session Presentation: Yuxiao Qin, Professor, Northwestern Polytechnical University (Xi'an, China)</p>
ID 255	<p>1. Oman Abyshev, Oscar & Sons Group, Kazakhstan 2. Marat Abyshev, Kyrgyz State Technical University n.a. I. Razzakov, Kyrgyzstan 3. Ormon Abyshev, Kyrgyz State Technical University n.a. I. Razzakov, Kyrgyzstan 4. Anar Zaripova, Kyrgyz National University n.a. J.Balasagyn, Kyrgyzstan 5. Usen Omuraliev, Kyrgyz State Technical University n.a. I. Razzakov, Kyrgyzstan</p> <p>Application of Synthetic Data Generation and Machine Learning for Continious Production System engineering</p>
ID 305	<p>1. Vladyslav Susidko, Kyiv National University of Construction and Architecture, Ukraine 2. Tetyana Honcharenko, Kyiv National University of Construction and Architecture, Ukraine 3. Vitalii Gots, Kyiv National University of Construction and Architecture, Ukraine 4. Pavlo Kruk, Kyiv National University of Construction and Architecture, Ukraine 5. Roman Zhuk, Kyiv National University of Construction and Architecture, Ukraine 6. Artem Biloshchytskyi, Astana IT University, Kazakhstan</p> <p>An Integrated Cloud-based System for Human Psychological State Assessment</p>
ID 330	<p>1. Nuryim Shora, NCPD «Orleu», Kazakhstan 2. Aidana Shilibekova, NCPD «Orleu», Kazakhstan 3. Azamat Bidanov, NCPD «Orleu», Kazakhstan</p> <p>Design and Implementation of a Smart Information System for Multi-Level Teacher Effectiveness Ranking</p>
ID 338	<p>1. Iurii Chupryna, Kyiv National University of Construction and Architecture, Ukraine 2. Galyna Ryzhakova, Kyiv National University of Construction and Architecture, Ukraine 3. Myroslava Zinchenko, Kyiv National University of Construction and Architecture, Ukraine 4. Andrii Biloshchytskyi, Astana IT University, Kazakhstan 5. Viktoriya Gonchar, Kyiv National Economic University named after Vadym Hetman, Ukraine 6. Vadym Pokolenko, Kyiv National University of Construction and Architecture, Ukraine</p> <p>MULTI-LEVEL COGNITIVE MODELING OF THE ORGANIZATIONAL AND TECHNOLOGICAL STRUCTURE OF CONSTRUCTION BASED ON INTEGRATED INFORMATION AND ANALYTICAL PLATFORMS</p>
ID 339	<p>1. Viktor Morozov, Taras Shevchenko National University of Kyiv, Ukraine</p> <p>Engineering Management Models for Fixed-Budget IT Projects under Uncertainty and Nonlinear External Influences</p>
ID 342	<p>1. Khrystyna Chupryna, Kyiv National University of Construction and Architecture, Ukraine 2. Iryna Ivakhnenko, Kyiv National University of Construction and Architecture, Ukraine 3. Oleksiy Mostovenko, Kyiv National University of Construction and Architecture, Ukraine 4. Yevhenii Biloshchytskyi, Astana IT University, Kazakhstan</p>

	<p>5. Oleksandr Kalinin, Kyiv National Economic University named after Vadym Hetman, Ukraine</p> <p>6. Nina Petrukha, Kyiv National University of Construction and Architecture, Ukraine</p> <p>AI-BASED DECISION SUPPORT SYSTEM FOR SMART MANAGEMENT OF CONSTRUCTION ENTERPRISES</p>
ID 363	<p>1. Vadym Ziuziun, Taras Shevchenko National University of Kyiv, Ukraine</p> <p>2. Anastasiia Avramets, Taras Shevchenko National University of Kyiv, Ukraine</p> <p>Information System for Structuring and Analyzing Multimedia Data to Optimize Media Processes</p>
ID 375	<p>1. Tugce SAVRAN, Gazi University, Turkiye</p> <p>2. Erdal IRMAK, Gazi University, Turkiye</p> <p>Comparative analysis of BFO and PSO algorithms for optimal STATCOM placement</p>
ID 400	<p>1. Gulnara Abitova, Astana IT University, Kazakhstan</p> <p>2. Anuar Baitulakov, Astana IT University, Kazakhstan</p> <p>3. Rakhman Shora, Astana IT University, Kazakhstan</p> <p>4. Ibragim Galymzhanuly, Astana IT University, Kazakhstan</p> <p>Design of an Intelligent Smart Bus Stop System Using AI and Multimodal Interfaces</p>
ID 405	<p>1. Anuar Baitulakov, Astana IT University, Kazakhstan</p> <p>2. Alimzhan Yessenov, Astana IT University, Kazakhstan</p> <p>3. Milena Kim, Astana IT University, Kazakhstan</p> <p>4. Orisbay Abdiramanov, Astana IT University, Kazakhstan</p> <p>5. Gulnara Abitova, Astana IT University, Kazakhstan</p> <p>Optimizing Production Processes in Construction Using Digital Twins and Neural Network Technologies</p>
ID 418	<p>1. Sude Ozcan, Istanbul Technical University, Turkiye</p> <p>2. Ibraheem Shayea, Istanbul Technical University, ITU, Turkiye</p> <p>3. Gul Gabdulualitovna Dzhussupova, Ministry of Science and Higher Education of the Republic of Kazakhstan, Kazakhstan</p> <p>4. Kassimova Botakoz Rahmetollaevna, L.N. Gumilyov Eurasian National University, Kazakhstan</p> <p>Machine Learning-Based Wind Power Forecasting and Automated Fault Detection Using SCADA Data</p>
16:00	Coffee break
16:20	TRACK 2. TECHNOLOGY AND ENGINEERING MANAGEMENT
18:00	Venue- C1.2.139
ID 451	<p>1. Adejor Abiche, Astana IT university, Kazakhstan</p> <p>2. Gehad Hamada, international IT university, Kazakhstan</p> <p>3. Mohamed Hamada, Abu Dhabi University, UAE</p> <p>A Data-Driven Machine Learning Model for Operational Excellence Diagnostics in Business Enterprises</p>
ID 468	<p>1. Elnara Khanafiyeva, Kazakh-British Technical University, Kazakhstan</p> <p>Digital Transformation in IT Project Management: The Impact of Cloud Technologies on Efficiency and Agile Performance</p>
ID 499	<p>1. Assel Sultan, Kazakh-British Technical University, Kazakhstan</p> <p>Generative AI for Automating Homework Checking and Feedback in Smart School</p>
ID 512	<p>1. Medet Mukushev, Astana IT University, Kazakhstan</p> <p>2. Andrii Biloshchytskyi, Astana IT University, Kazakhstan</p> <p>3. Temirlan Karibekov, Astana IT University, Kazakhstan</p> <p>A Conceptual Framework for a Predictive Safety-Oriented Smart Hospital Architecture</p>

ID 517	1. Akmaral Makmova, KBTU, Kazakhstan Competitive Landscape Assessment in the E-commerce Sector
ID 521	1. Erdal Irmak, Gazi University, Turkiye 2. Izviye Fatimanur Tepe, Gazi University, Turkiye 3. Aşkın Nur Aras, Gazi University, Turkiye 4. Seda Kul, Karamanoglu Mehmetbey University, Turkiye Data-driven forecasting of air handling unit energy consumption in data centers
ID 545	1. Sergiy Gnatyuk, State University "Kyiv Aviation Institute", Ukraine 2. Nazerke Baisholan, State University "Kyiv Aviation Institute", Ukraine 3. Nazerke Baisholan, Al-Farabi Kazakh National University, Kazakhstan A Federated Extension of FraudX AI for Privacy Preserving Anomaly Detection
ID 548	1. Tetiana Fesenko, Kharkiv National University of Radio Electronics, Ukraine AI Governance for Large-Scale Digital Memory Projects: a Lifecycle-Based Framework
ID 550	1. Tetiana Fesenko, Kharkiv National University of Radio Electronics, Ukraine Synergizing Standards of Project Management with AI-Driven Support: Challenges and Opportunities for Future Project Governance

14:10 16:00	TRACK 4. COMPUTATIONAL INTELLIGENCE (Room 1) Muslim Sergaziyev, PhD, Associate Professor (Chair) Beibit Abdikenov, PhD, Assistant Professor Temirlan Karibekov, Doctor of Medical Sciences Aliya Nugumanova, PhD, Associate Professor Section Secretary – Aizada Kaiyr, Aigerim Bazarkhanova Venue- C1.2.122 https://us06web.zoom.us/j/83428134477?pwd=9Bd6KZWqwH5OGCOR2RQ05RhiDYDhmH.1
14:10 14:30	Invited Session Presentation: Mohamed Elhoseny, PhD, Associate Professor at the University of Sharjah (Sharjah, United Arab Emirates)
ID 179	1. Nurshapagat Shapay, AITU, Kazakhstan 2. Nurzhamal Kashkimbayeva, AITU, Kazakhstan 3. Dinara Kaibassova, AITU, Kazakhstan Domain Adaptation Techniques for Plant Disease Classification: Bridging the Gap Between Laboratory and Field Conditions
ID 180	1. Aigul Mimenbayeva, Astana IT University, Kazakhstan Cross-Domain Emotion Prediction and Speech Synthesis for the Kazakh Language
ID 184	1. Dilara Abzhanova, Astana IT University, Kazakhstan 2. Sapar Toxanov, Astana IT University, Kazakhstan 3. Alexandr Neftissov, Kazakh National University of Sports, Kazakhstan 4. Batyrbek Bakytkeriuly, National Information Technologies, Kazakhstan 5. Dias Utebayev, Astana IT University, Kazakhstan Geoinformation model of forecasting water resources in the regions of the Republic of Kazakhstan based on the integration of multi-criteria data
ID 185	1. Sergey Kinzhikeyev, Astana IT University, Kazakhstan 2. Dung Nguyen, Le Quy Don Technical University, Vietnam 3. Tru Vu, Le Quy Don Technical University, Vietnam 4. Duc Duong, Le Quy Don Technical University, Vietnam 5. Dina Kinzhikeeva, Research Institute "Ghalam", Kazakhstan 6. Nurbol Sarsekeyev, LLP "Research Institute "Almatygenplan", Kazakhstan Design of a Non-Orthogonal Redundant Sensor Block and a Fault Detection and Isolation Algorithm for Inertial Navigation Systems
ID 213	1. Adilbek Bekeshev, AITU, Kazakhstan 2. Aidiye Aidarbekov, Astana IT University, Kazakhstan 3. Askar Ospan, Astana IT University, Kazakhstan Data-Driven Prediction of Media Content Engagement Using Machine Learning Models
ID 214	1. Makpal Zhartybayeva, ENU, Kazakhstan 2. Zhanar Oralbekova, AITU, Kazakhstan Semantic Top-K Tool Routing for Multilingual LLM Systems
ID 215	1. Oleksii Matsiievskiy, Kyiv National University of Construction and Architecture, Ukraine 2. Ihor Bosenko, Kyiv National University of Construction and Architecture, Ukraine 3. Roman Mazurenko, Kyiv National University of Construction and Architecture, Ukraine 4. Igor Achkasov, Kyiv National University of Construction and Architecture, Ukraine 5. Roman Zhuk, Kyiv National University of Construction and Architecture, Ukraine

	6. Yevhenii Biloshchytskyi, Astana IT University, Kazakhstan Multimodal Neural Interfaces for Human-in-the-Loop Verification of Digital Twins of Damaged Infrastructure
ID 216	1. Ihor Bosenko, Kyiv National University of Construction and Architecture, Ukraine 2. Oleksii Matsiievskiy, Kyiv National University of Construction and Architecture, Ukraine 3. Yurii Naumenko, Kyiv National University of Construction and Architecture, Ukraine 4. Roman Mazurenko, Kyiv National University of Construction and Architecture, Ukraine 5. Tamara Liashchenko, Kyiv National University of Construction and Architecture, Ukraine 6. Yevhenii Biloshchytskyi, Astana IT University, Kazakhstan Machine Learning–Based Decision Support for Assessing the Recoverability of Damaged Infrastructure Objects
ID 221	1. Adlet Bolatov, Astana IT University, Kazakhstan 2. Bolatzhan Kumalakov , Astana IT University, Kazakhstan Integrating Generative AI Across the Agile Software Development Lifecycle
ID 224	1. Arman Issin, Astana IT University, Kazakhstan 2. Zhanar Akhmetova, Astana IT University, Kazakhstan Development of an Intelligent Demand Forecasting System for Restaurant Site Selection in Astana Using Machine Learning-Derived Feature Weighting via SHAP Analysis
ID 230	1. Kalizhan Akhmetov, Astana IT University, Kazakhstan 2. Dinara Kaibassova , Astana IT University, Kazakhstan Impact of Dataset Bias and Artifacts on Deep Learning Models for Chest X-ray Image Analysis
16:00	Coffee break
16:20 18:00	TRACK 4. COMPUTATIONAL INTELLIGENCE (Room 1) Venue- C1.2.122 https://us06web.zoom.us/j/83428134477?pwd=9Bd6KZWqwH5OGCOR2RQ05RhiDYDhmH.1
ID 231	1. Yernar Madiyar, AITU, Kazakhstan 2. Abzal Kyzyrkanov, AITU, Kazakhstan 3. Alibek Orynbeq, AITU, Kazakhstan 4. Dinara Bekmanova, UKGU, , Kazakhstan Intelligent Legal Assistant with Neural Semantic Retrieval and Neuro-Symbolic Reasoning
ID 234	1. Askhat Takayev, Astana IT University, Kazakhstan 2. Dinara Kaibassova, Astana IT University, Kazakhstan Comparative Analysis of Ensemble Machine Learning Methods for Phishing URL Classification
ID 249	1. Yaroslav Hozak, Taras Shevchenko national university of Kyiv, Ukraine 2. Sergiy Paliy, Taras Shevchenko national university of Kyiv, Ukraine ROI-SSD: Region of Interest Single Shot Detector
ID 250	1. Zhumabek Sabit, Astana IT University, Kazakhstan 2. Azamat Serek, Astana IT University, Kazakhstan Gender-Specific Feature Asymmetry in Heart Disease Prediction: An Explainable AI Approach for High-Sensitivity Clinical Screening
ID 252	1. Assel Shora, Astana IT University, Kazakhstan 2. Aigul Adamova, Astana IT University, Kazakhstan

	Adaptive Byzantine-Robust Aggregation for Privacy-Preserving Federated Learning in IoT Environments: An Empirical Evaluation
ID 257	1. Yoshiyuki Suimon, Keio University, Japan Generation of Pseudo Individual-Level Data Reflecting Statistical Characteristics of the Big Five Traits in Japan and LLM-Based Survey Simulation
ID 258	1. Symbat Nurgaliyeva, Astana IT university, Kazakhstan 2. Muratali Amangali, Astana IT University, Kazakhstan 3. Makhmetova Kuralay, Astana IT University, Kazakhstan 4. Assiya Karatay, Astana IT University, Kazakhstan 5. Nazym Turysbek, Astana IT University, Kazakhstan 6. Nazerke Rustembek, Astana IT University, Kazakhstan Practical Implementation of Route Optimization and Real-Time Detection in an Intelligent Waste Monitoring System for Smart Cities
ID 265	1. Dinmukhamed Baimakhanbet, SDU, Kazakhstan 2. Shirali Kadyrov, New Uzbekistan University, Tashkent, Uzbekistan Approximating Geodesic Structure in Graph Attention Networks via Heat Kernel Diffusion
ID 276	1. Adilzhan Kereyev, K.Zhubanov Aktobe Regional University, Kazakhstan 2. Tairkhan Yessenkhan, K.Zhubanov Aktobe regional university, Kazakhstan 3. Vasif Nabiyeu, Karadeniz Technical University, Turkiye Coordinate Transformation as a Method for Fisheye Image Correction in Computer Vision Systems
ID 282	1. Ali Parwiz Baktash, Astana IT University, Kazakhstan 2. Kuanysh Bakirov, Faculty of Information Technology, Eurasian National University, Kazakhstan 3. Aruzhan Shoman, Astana IT University, Kazakhstan 4. Yan Kudashov, Astana IT University, Kazakhstan 5. Daniyar Dauletiya, Astana IT University, Kazakhstan Real-Time Tomato Leaf Disease Classification for Vertical Farming: Training on Public Data and Preliminary Field Validation
ID 291	1. Xeniya Traxel, Astana IT University, Kazakhstan 2. Samat Tankeyev, Astana IT University, Kazakhstan Where Students Draw the Line Between AI Assistance and Cheating in Introductory Programming
14:10 16:00	TRACK 4. COMPUTATIONAL INTELLIGENCE (Room 2) Muslim Sergaziyev, PhD, Associate Professor (Chair) Beibit Abdikenov, PhD, Assistant Professor Temirlan Karibekov, Doctor of Medical Sciences Aliya Nugumanova, PhD, Associate Professor Section Secretary – Aizada Kaiyr, Aigerim Bazarkhanova Venue- C1.2.121 https://us06web.zoom.us/j/85731574386?pwd=kfNunNV3JpXgCdV3gnt86u1m682KH8.1
14:10 14:30	Invited Session Presentation: Abraham Althonayan, Professor, Brunel University London (London, United Kingdom)
ID 296	1. Tanzimul Alam Fahim, The University of North Carolina at Pembroke Pembroke, USA 2. Abrar Fahim, Islamic University of Technology, Bangladesh 3. Avijit Deb Nath, The University of Toledo, USA

	<p>4. Shirsendu Mondal, University of North Carolina at Pembroke, USA 5. Mohammad Shahin Uddin, International Islamic University Chittagong, Bangladesh 6. Shakil Mia, Daffodil International University, Dhaka, Bangladesh 7. Md. Shakhauat Hossan Sumon, North South University, Bangladesh</p> <p>BrainFuseNet: Attention-Enhanced Deep Fusion for Interpretable and Generalized Brain Tumor MRI Classification</p>
ID 298	<p>1. Serhii Dolhopolov, Kyiv National University of Construction and Architecture, Ukraine 2. Tetyana Honcharenko, Kyiv National University of Construction and Architecture, Ukraine 3. Yuriy Dudnyk, Kyiv National University of Construction and Architecture, Ukraine 4. Vladyslav Hots, Kyiv National University of Construction and Architecture, Ukraine 5. Anatolii Fesan, Kyiv National University of Construction and Architecture, Ukraine 6. Nursaya Batyr, Astana IT University, Kazakhstan</p> <p>Agentic AI-Driven Architecture for Dynamic Verification of Infrastructure Digital Twins</p>
ID 309	<p>1. Marya Ryspayeva, Astana IT University, Kazakhstan</p> <p>Optimal Synthetic Data Ratio for GAN-Based Breast Cancer Classification</p>
ID 310	<p>1. Arailym Tleubayeva, Astana IT University, Kazakhstan 2. Birganym Abilkhayr, Astana IT University, Kazakhstan 3. Azamat Orazgali, Astana IT University, Kazakhstan 4. Aday Shomanov, Astana IT University, Kazakhstan 5. Zhansaya Makhambetova, Astana IT University, Kazakhstan 6. Sabyr Berikuly, Astana IT University, Kazakhstan</p> <p>Document Segmentation in Legal Retrieval-Augmented Generation: An Empirical Study on Kazakh Legal Texts</p>
ID 311	<p>1. Anton Kostin, Department of Electronic Computers Kharkiv National University of Radio Electronics, Ukraine 2. Olesia Barkovska, Department of Electronic Computers Kharkiv National University of Radio Electronics, Ukraine 3. Ihor Novoseltsev, Lytx 4. Mark Cherepovskyi, Department of Electronic Computers Kharkiv National University of Radio Electronics, Ukraine 5. Vladyslav Kholiev, Department of Electronic Computers Kharkiv National University of Radio Electronics, Ukraine 6. Anton Havrashenko, Department of Electronic Computers Kharkiv National University of Radio Electronic, Ukraine</p> <p>An Adaptive Hardware–Software System for Local Glass Dimming</p>
ID 313	<p>1. Madiyar Khassen, Astana IT University, Kazakhstan 2. Aidiye Aidarbekov, Astana IT University, Kazakhstan 3. Askar Murat, Astana IT University, Kazakhstan 4. Gulmira Shakhmetova, Astana IT University, Kazakhstan</p> <p>Automated Long-Answer Grading via Knowledge-Grounded Retrieval and Segment-Level Entailment</p>
ID 323	<p>1. Dinmukhammed Mynzhassar, Astana IT University, Kazakhstan 2. Zhanar Akhmetova, Astana IT University, Kazakhstan</p> <p>U-Net-Based Segmentation of Pulmonary Abnormalities in Chest X-rays: A Prototype for AI-Assisted Diagnostics Using MONAI and Cross-Validation on Multi-Source Datasets</p>
ID 326	<p>1. Assylmurat Yeraliyev, Astana IT University, Kazakhstan 2. Nurzhamal Kashkimbayeva, Astana IT University, Kazakhstan 3. Dinara Kaibassova, Astana IT University, Kazakhstan</p>

	Multimodal Data Fusion for District-Scale Crop Yield Prediction in Northern Kazakhstan
ID 327	1. Mukan Idrissov, Astana IT University, Kazakhstan 2. Nurzhamal Kashkimbayeva, Astana IT University, Kazakhstan 3. Dinara Kaibassova, Astana IT University, Kazakhstan Determining the Optimal Planting Time for Agricultural Crops in Northern Kazakhstan
ID 332	1. Sanzhar Maulkan, AITU, Kazakhstan 2. Aigul Adamova, AITU, Kazakhstan Comparing Machine Learning and Deep Learning for Intrusion Detection in MQTT-Based Campus IoT Networks
ID 334	1. David Novikov, Astana IT University, Kazakhstan 2. Aibek Raushanov, "Zaman Bank" JSC, Kazakhstan 3. Riza Akhitova, Astana IT University, Kazakhstan StudioGen: A Hybrid 3D-AI Workflow for Controllable Depth-Guided Studio Scenography
16:00	Coffee break
16:20 18:00	TRACK 4. COMPUTATIONAL INTELLIGENCE (Room 2) Venue- C1.2.121 https://us06web.zoom.us/j/85731574386?pwd=kfNunNV3JpXgCdV3gnt86u1m682KH8.1
ID 350	1. Dastan Sapargali, Astana IT University, Kazakhstan 2. Zharasbek Baishemirov, Astana IT University, Kazakhstan Intelligent Machine Learning Methods for Predicting Loan Approval Decisions
ID 353	1. SAMAT ANUARBEK, SDU University, Kazakhstan 2. Shirali Kadyrov, New Uzbekistan University, Uzbekistan Hardy-Regularized Deep Neural Networks for Stable Function Approximation
ID 359	1. Marat Nurtas, Institute of Ionosphere, IITU, Kazakhstan 2. Aidana Mergembayeva, IITU, Kazakhstan Satellite-Based Deep Learning models for Mineral Exploration
ID 367	1. Askhat Yergaliyev, International Information Technology University, Kazakhstan 2. Daniyar Rakhimzhanov, AstanaIT University, Kazakhstan 3. Aigerm Mansurova, Astana IT University, Kazakhstan 4. Lyailya Baibulekova, University of International Business named after K. Sagadiyev, Kazakhstan Interpretable Multi-Agent Analysis of Spontaneous Multilingual Passenger Complaints for Smart Urban Transport Management
ID 368	1. Mahdi Habibi, Nazarbayev University, Kazakhstan 2. Adnan Yazici, Nazarbayev University, Kazakhstan Comparative Evaluation of Retrieval-Only and LLM-Assisted RAG-HAR for Elderly Fall Detection
ID 381	1. Diyar Mukhidenov, Astana IT University, Kazakhstan 2. Karlygash Makhmetova, Astana IT University, Kazakhstan 3. Nurlybek Taubakabyl, Astana IT University, Kazakhstan Application of RANSAC and DBSCAN Algorithms in Unity for Automated Lane Detection in Traffic Environments
ID 388	1. Aruzhan Karatay, Astana IT University, Kazakhstan 2. Makpal Zhartybayeva, Astana IT University, Kazakhstan Instruction Fine-Tuning of Large Language Models for Structured Educational Response Generation

ID 428	<p>1. Zhasulan Abdigaliyev, Astana IT University, Kazakhstan 2. Alisher Shayakhmetov, Astana IT University, Kazakhstan 3. Rostislav Shpakovskiy, Astana IT University, Kazakhstan 4. Ruslan Omirgaliyev, Astana IT University, Kazakhstan</p> <p>Balancing Accuracy and Interpretability in Explainable AI for Breast Disease Diagnosis</p>
ID 443	<p>1. Oleksandr Kuchanskyi, Astana IT University, Kazakhstan 2. Zhanel Rymkhanova, Astana IT University, Kazakhstan 3. Rostyslav Lisnevskiy, Astana IT University, Kazakhstan 4. Myroslava Gladka, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine</p> <p>Time-Weighted PageRank for Measuring Structural Embeddedness in Large-Scale Bibliographic Coupling Networks</p>
ID 447	<p>1. Dias Ilyas, Astana IT University, Kazakhstan 2. Aigul Mimenbayeva, Astana IT University, Kazakhstan</p> <p>Sybyrla: End-to-End Low-Resource Kazakh Speech Recognition Using Whisper with Multilingual Code Switching</p>
ID 448	<p>1. Tumar Togysova, Narxoz University, Kazakhstan 2. Sabrina Yessenova, Narxoz University, Kazakhstan 3. Ayaulym Zhaksylyk, Narxoz University, Kazakhstan 4. Serik Batyrkhan, Narxoz University, Kazakhstan 5. Yershat Sapazhanov, Narxoz University, Kazakhstan</p> <p>A Smart SIS Module for Course Planning: Curriculum-Aware Collaborative Filtering with Explainable Recommendations</p>
19:00	Cultural Program

TECHNICAL SESSIONS
15 May 2026 (Friday)
(Time zone UTC+5, Astana time)

10:00 18:00	TECHNICAL SESSIONS
10:00 13:00	TRACK 1. COMPUTER SCIENCE Kumar Praveen, PhD, Professor (Chair) Gulnara Abitova, PhD, Associate Professor Section Secretary –Nurbay Kairbek, Daniyar Amantayev Venue C.1.2.227 https://us06web.zoom.us/j/87091996497?pwd=bpqrvCZIfQBGinAA3M6zxnrR6Rk5L6.1
ID 361	1. Zhansaya Myrzakul , al-Farabi Kazakh National University, Kazakhstan Development and Performance Evaluation of a Modified Homomorphic Encryption Scheme for ESP32-Based Resource-Constrained IoT Devices
ID 372	1. Saltanat Amirgaliyeva, Laboratory of Artificial Intelligence and Robotics named after academician Amirgaliyev Y.N Institute of Information and Computational Technologies Institute of Automation and Information Technology, Kazakhstan 2. Azemsha Siarhei , Laboratory of Artificial Intelligence and Robotics named after academician Amirgaliyev Y.N Institute of Information and Computational Technologies Institute of Automation and Information Technology, Kazakhstan 3. Irina Kravchenya, Laboratory of Artificial Intelligence and Robotics named after academician Amirgaliyev Y.N Institute of Information and Computational Technologies Institute of Automation and Information Technology, Kazakhstan 4. Gulaiym Bayekova, IITU, Kazakhstan 5. Aisulu Ataniyazova, Laboratory of Artificial Intelligence and Robotics named after academician Amirgaliyev Y.N Institute of Information and Computational Technologies Institute of Automation and Information Technology, Kazakhstan 6. Ilya Audzeyenka , LLP “IBA Astana Dev” , Kazakhstan Iterative Timetable Coordination for Overlapping Transit Routes with Discrete-Event Simulation
ID 373	1. Anna Kolomiiets, KNU, Ukraine 2. Denis Popov, KNU, Ukraine Development and Implementation of an Intelligent Information System for Healthy Eating Habit Formation Based on LLM-Analysis
ID 380	1. Askar Oralkhan, Kazakh-British Technical University, Kazakhstan 2. Temirlan Zhaxalykov, Narxoz University, Kazakhstan Experimental Evaluation of Multipartite Entanglement Across Trapped-Ion and Superconducting NISQ Architectures
ID 387	1. Zaur Berdibekov, Astana IT University, Kazakhstan 2. Beksultan Boltay, Astana IT University, Kazakhstan Methods and tools for monitoring and analyzing internet quality in the Smart City Concept
ID 389	1. Altynbek Seitenov, Astana IT University, Kazakhstan Implementation of a Tokenized Access Control Mechanism with ZKP Verification for Telemedicine Systems

ID 390	1. Batyrkhan Aliyev, Astana IT University, Kazakhstan 2. Samat Mukhanov, Astana IT University, Kazakhstan 3. Balziya Aldosh, Astana IT University, Kazakhstan 4. Ibraheem Shaye, Istanbul Technical University, Turkiye Comparative Analysis of Machine Learning Models for Cyber Risk Management to Enhance the Sustainability and Security of Digital Transformation
ID 399	1. Pakizar Shamo, KBTU, Kazakhstan 2. Aleksandr Semerikov, KBTU, Kazakhstan Event-Level Emotion Recognition in the Wild Using Deep Facial Expression Analysis
ID 410	1. Damira Alikhan, Astana IT university A comparative study of anomaly detection methods in adaptive educational platforms
ID 412	1. Vyacheslav Takizhanov, Astana IT University 2. Aldiyar Ibragimov, Astana IT University Simulation-Based Robustness Assessment of Astana's Bus Network Under Random and Targeted Failures
ID 416	1. Nursulta Bukenbayev, Astana IT University 2. Nurbol Sembayev, Astana IT University 3. Askar Seralinov, Astana IT University 4. Ruslan Omirgaliyev, Astana IT University 5. Shynar Zhussipkaliyeva, Astana IT University Comparative Analysis of Security Vulnerabilities in AI-Generated Versus Human-Written Python Code: An Automated Static Analysis Approach
ID 420	1. Daniil Alexandrov, Astana IT University 2. Dinara Kaibassova, Astana IT University News-Driven Cryptocurrency Market Modeling under Abnormal and Absolute Reaction Frameworks
ID 421	1. Dias Berlibek, L.N. Gumilyov Eurasian National University 2. Aigul Shaikhanova, L.N. Gumilyov Eurasian National University 3. Arailym Medetbek, Astana IT University Correlation-Weighted Logistic Risk Model for Explainable Phishing Detection
ID 425	1. Shynbolat Unaibayev, Astana IT University 2. Sagyndyk Suleimanov, Astana IT University 3. Olga Ussatova, Astana IT University, Institute of Information and Computing Technologies 4. Akzhibek Amirova, Astana IT University 5. Begimbayeva Yenlik, Astana IT University, Energo University Homomorphic Encryption in Multi-Factor Authentication: A Partial Homomorphic Encryption Approach to One-Time Password Protection
ID 427	1. Nursultan Khaimuldin, Astana IT University 2. Nurgissa Kabarbek, Astana IT University 3. Abulhair Islamov, Astana IT University 4. Zhansultan Salman, Astana IT University 5. Dilnaza Maratova, Astana IT University 6. Bexultan Turgunov, Astana IT University An Intelligent Approach to Building a Scalable Geospatial Data Platform with Continuous Delivery and Dynamic Scaling
ID 429	1. Mariyam Abu, Astana IT University Evaluation Protocol for Morphology-Tolerant Predictive Text in Kazakh Using N-gram Models
13:00	Lunch Break
14:00	TRACK 1. COMPUTER SCIENCE
16:00	Venue C.1.2.227

ID 431	<p>1. Aizhan Omarova , «Institute of High Technologies» LLP 2. Bekarys Nurzhaubayev, CyberTech 3. Samat Kairambayev, NAC “Kazatomprom” JSC 4. Murat Zhakenov, “Digital Heritage of Eurasia” LLP 5. Botakoz Kassimova, L.N. Gumilyov Eurasian National University 6. Olzhas Konakbayev, Research and Innovation Center "CyberTech"</p> <p>Efficient Archiving and Robust Detection of Post-Mining Subsidence in Satellite Data</p>
ID 445	<p>1. Mirwais Mohebi, Al-Farabi Kazakh National University 2. Aiman Bekturganova, Al-Farabi Kazakh National University 3. Sarsenbek Zhussupbekov, Al-Farabi Kazakh National University 4. Jandos Amankulov, Kazakh Institute of Oncology and radiology 5. Zhanar Aukazhiyeva, ALT University 6. Moldir Kumatova, Joldasbekov Institute of Mechanics and Engineering</p> <p>Hybrid Quantum–Classical Neural Network Framework for Sleep Efficiency Classification</p>
ID 465	<p>1. Dana Orenkyzy, Astana IT University</p> <p>Development of methods and algorithms for intelligent clustering of short texts</p>
ID 467	<p>1. Manshuk Nagymetkyzy, Kazakh-British Technical University 2. Alibek Bisembaev, Kazakh-British Technical University</p> <p>AI-Based Decision Making Tools for Enhancing Ethical Leadership and Stakeholder Engagement: Evidence from ESG Workforce and Social Metrics</p>
ID 476	<p>1. Magzhan Kuanyshbek, Kazakh-British Technical University 2. Samat Mukhanov , Astana IT University 3. Dauren Sagidullauly, Astana IT University 4. Seilkhanova Kymbat, Astana IT University</p> <p>Comparative Analysis of Structural Complexity in Feature-Oriented Frontend Application Architectures: Feature-Sliced Design and the Feature-Based Modular Approach</p>
ID 484	<p>1. Zharasbek Baishemirov, Kazakh-British Technical University 2. Dina Ospanova, Astana IT University 3. Beibut Amirgaliyev, Astana IT University 4. Didar Yedilkhan, Astana IT University</p> <p>Evaluating Physics-Informed and Data-Driven Recurrent Networks for Heatwave Prediction</p>
ID 488	<p>1. Nurzhan Saktaganov, Kazakh-British Technical University 2. Samat Mukhanov, Astana IT University 3. Kymbat Seilkhanova, Astana IT University 4. Saule Amanzholova, Astana IT University</p> <p>Machine Learning–Driven UEBA for Behavioral Access Control in Zero Trust Client Ecosystems</p>
ID 493	<p>1. Bakyt Estay, Astana International University 2. Gulden Ormanova, Astana IT University 3. Aruzhan Rakhimberdina, Astana IT University 4. Beibut Amirgaliyev, Astana IT University 5. Tamara Zhukabaeva, L. N. Gumilyov Eurasian National University 6. Altynbek Yermekov, Astana IT University</p> <p>Design and implementation of an IoT and AI-based integrated system for real-time air quality monitoring</p>
ID 501	<p>1. Sayan Nurmukhambet, Astana IT University</p> <p>Subgroup Calibration and Mastery Decision Errors in Knowledge Tracing</p>

ID 503	1. Aman Mussa, al-Farabi Kazakh National University Synthetic Reality at Scale: The Technical Evolution and Security Crisis of Deepfakes
16:00	Coffee break
16:20 18:00	TRACK 1. COMPUTER SCIENCE Venue C.1.2.227
ID 506	1. Dina Kantayeva, Astana IT University 2. Akbar Beshli-ogly , Astana IT University 3. Svitlana Biloshchytska, Astana IT University Comparative Analysis of Methods for Near-Duplicate Detection in Kazakh-Language Documents
ID 520	1. Nurdaulet Khaimuldin , Astana IT University An Intelligent Approach to Building a Scalable Geospatial Platform for Separate Waste Collection with Photo-Based AI Classification and Disposal Recommendations
ID 530	1. Amina Adilkhan, Astana IT University 2. Beibut Amirgaliyev, Astana IT University Methods and Models for Developing an AI Agent for Monitoring Consumer Behaviour Trends and Detecting Market Anomalies
ID 533	1. Damir Kenzhe, Astana IT University 2. Muslim Sergaziyev, Astana IT University Tourist Route Optimization With Bus Connectivity Constraints Using Genetic Algorithms: Crossover, Mutation, and Selection Analysis
ID 549	1. Nataliia Yehorchenkova, Kyiv National University of Construction and Architecture 2. Oleksii Yehorchenkov, Comenius University Preparing Spatial Planning for AI: Key Challenges, Gaps, And Opportunities In Territorial Decision Support

<p>10.00 13.00</p>	<p>TRACK 4. COMPUTATIONAL INTELLIGENCE</p> <p>Muslim Sergaziyev, PhD, Associate Professor (Chair) Beibit Abdikenov, PhD, Assistant Professor Temirlan Karibekov, Doctor of Medical Sciences Aliya Nugumanova, PhD, Associate Professor Section Secretary – Aizada Kaiyr, Aigerim Bazarkhanova</p> <p>Venue- C1.2.122</p> <p>https://us06web.zoom.us/j/82731232131?pwd=5qAFcvuLaVmyx9Zb6K2yXVJhX8bwin.1</p>
<p>ID 458</p>	<p>1. Nurym Kaiyrkhan, Astana IT university, Kazakhstan Decision-Focused Stochastic Optimization for AI-Driven Pharmaceutical Supply Chains in Kazakhstan</p>
<p>ID 470</p>	<p>1. Batyrzhan Akhmetzhanov, Astana IT University, Kazakhstan 2. Maxim Kirik, Astana IT University, Kazakhstan 3. Daniyar Abdrakhmanov, Astana IT University, Kazakhstan 4. Rassul Abilev, Astana IT University, Kazakhstan Multi-Level Optical–Radar Correlation Decoupling Framework for Hidden Land Surface Change Detection</p>
<p>ID 477</p>	<p>1. Zhanerke Pernesh, Astana IT University, Kazakhstan 2. Alisher Dautov, Astana IT University, Kazakhstan 3. Marlen Amanbayev, Astana IT University, Kazakhstan 4. Aigul Mimenbayeva, Astana IT University, Kazakhstan Convolutional Neural Networks with Transfer Learning for Three-Class Lung CT Classification</p>
<p>ID 483</p>	<p>1. Dinara Akimova, AITU, Kazakhstan Development of an Explainable Machine Learning Framework for Cyberattack Detection Using Multiple Interpretation Techniques</p>
<p>ID 486</p>	<p>1. Zhamilya Abdildanova, Kazakh-British Technical University, KBTU, Kazakhstan 2. Aruzhan Seitkazieva, Kazakh-British Technical University, KBTU, Kazakhstan Backward- and Forward-Looking Portfolio Risk Measures: An XGBoost-Based Volatility Forecasting Approach</p>
<p>ID 487</p>	<p>1. Akerke Akhpanbayeva, Astana IT University, Kazakhstan Comparative Analysis of Deep Learning Architectures for Forensic Anomaly Detection Within Digital Communication Platforms: A Proof-of-Concept Study</p>
<p>ID 495</p>	<p>1. Izbassar Orynassar , Atyrau University named after Kh.Dosmukhamedov, Kazakhstan 2. Assylbek Gizatov, Atyrau University named after Kh.Dosmukhamedov , Kazakhstan 3. Nuraly Kituyev, Nazarbayev University, Kazakhstan 4. Batyr Kenzheakhmetov, Astana IT University, Kazakhstan Aqyl Jol: An AI-Based System for Urban Traffic Management and Municipal Fleet Coordination</p>
<p>ID 497</p>	<p>1. Nurdaulet Kabdygaliyev, Atyrau Oil and Gas University, Kazakhstan 2. Akmaral Abdigaliyeva, Atyrau Oil and Gas University, Kazakhstan 3. Tolganay Myrzakeldi, Atyrau Oil and Gas University, Kazakhstan 4. Shynar Kodanova, Atyrau Oil and Gas University, Kazakhstan 5. Gulnaz Dossanova, Atyrau Oil and Gas University, Kazakhstan 6. Farida Izgaliyeva, Atyrau Oil and Gas University, Kazakhstan Explainable Machine Learning for Medical Diagnosis: A Comparative Study of SHAP, LIME and Grad-CAM Methods</p>

ID 508	<ol style="list-style-type: none"> 1. Daniyar Rakhimzhanov, Astana IT University, Kazakhstan 2. Dariya Khussainova, Astana IT University, Kazakhstan 3. Ayana Ussenbayeva, Astana IT University, Kazakhstan 4. Dana Oteпова, Astana IT University, Kazakhstan 5. Timur Orazov, Astana IT University, Kazakhstan <p>Heterogeneous Entity Extraction for Geotagging and Spatio-Temporal Analysis of Public Transport Complaints</p>
ID 515	<ol style="list-style-type: none"> 1. Carsten Wolff, Fachhochschule Dortmund, Germany 2. Roland Neuhaus, Neuhaus Energie GmbH 3. Jonas Fleck, Fachhochschule Dortmund, Germany 4. Philipp Heisig, Fachhochschule Dortmund, Germany 5. Nurkhat Zhakiyev, Astana IT University, Kazakhstan 6. Rolf Schuster, Fachhochschule Dortmund, Germany <p>Design of Smart Systems for an Optimized Fit between AI Computing and Regional Renewable Energy Systems</p>
ID 526	<ol style="list-style-type: none"> 1. Ravi Rao, Fairleigh Dickinson University, USA <p>A Comprehensive Study of Prompt Engineering and Fine-Tuning using Quantized Low Rank Adaptation for Medical Calculator Implementation on MedCalc-Bench</p>
ID 527	<ol style="list-style-type: none"> 1. Aigerim Kauldasheva, KBTU, Kazakhstan <p>Hybrid Neural-Symbolic Legal Knowledge Graph Modeling of Cross-Act Statutory Dependencies in Tax Law</p>
ID 531	<ol style="list-style-type: none"> 1. Danila Khlebokazov, KBTU, Kazakhstan 2. Nurkhan Tashimov, KBTU, Kazakhstan 3. Pakizar Shamoï, KBTU, Kazakhstan <p>Emoji-Emotion Ranking System Using Twitter Data</p>
ID 532	<ol style="list-style-type: none"> 1. Raiymbek Khalmuradov, KBTU, Kazakhstan 2. Muragul Muratbekova, KBTU, Kazakhstan 3. Elnara Kadyrgali, KBTU, Kazakhstan 4. Pakizar Shamoï, KBTU, Kazakhstan <p>Comparative Evaluation of Machine Learning Models for Audio and Lyrics-Based Music Emotion Recognition</p>
ID 536	<ol style="list-style-type: none"> 1. Dinara Akimova, AITU, Kazakhstan <p>AI-Enhanced Tesla Lamp Entropy Generation System for Cryptographic Applications</p>
ID 537	<ol style="list-style-type: none"> 1. Arailym Tleubayeva, Astana IT University, Kazakhstan 2. Temirlan Meiramkhanov, Astana IT University, Kazakhstan 3. Şadi Evren Şeker, Istanbul University, Türkiye 4. Pinar Sarisaray Boluk, Istanbul University, Türkiye <p>Temporal Dynamics of Lexical and Semantic Novelty in Scientific Abstracts: Kazakhstan-Related Publications</p>
ID 541	<ol style="list-style-type: none"> 1. Torebek Azbergen, Kazakh-British Technical University, Kazakhstan 2. Arailym Tleubayeva, Astana IT University, Kazakhstan 3. Askar Aituov, Kazakh-British Technical University, Kazakhstan <p>Calibration-Aware Gradient Boosting with Temporal Behavioral Features for Anti-Money Laundering Detection</p>
ID 233	<ol style="list-style-type: none"> 1. Lesia Sorokina, Kyiv National University of Construction and Architecture, Ukraine 2. Andrii Rosynskiy, Kyiv National University of Construction and Architecture, Ukraine 3. Daniil Podkopaiev, Kyiv National University of Construction and Architecture, Ukraine 4. Nursaya Batyr, Astana IT University, Kazakhstan 5. Oleh Onofriichuk, Academician Stepan Demianchuk International University of Economics and Humanities, Ukraine 6. Yliia Krychevs'ka, Kyiv National University of Construction and Architecture, Ukraine

	7. Fuzzy Logic Simulation of Temporary Retail Structures: Modeling Economic Resilience in Urban Systems
13:00	Lunch Break
18:00	Plenary session: conference results. Conference closing https://us06web.zoom.us/j/82093240598?pwd=gHtfb3cYezGtXqW7t4BDBHjVuygCaO.1
19:00	City tour (optional)

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Laura Aldasheva	Candidate of Technical Sciences, Astana IT University, Kazakhstan
Beibut Amirgaliyev	Candidate of Technical Sciences, Astana IT University, Kazakhstan
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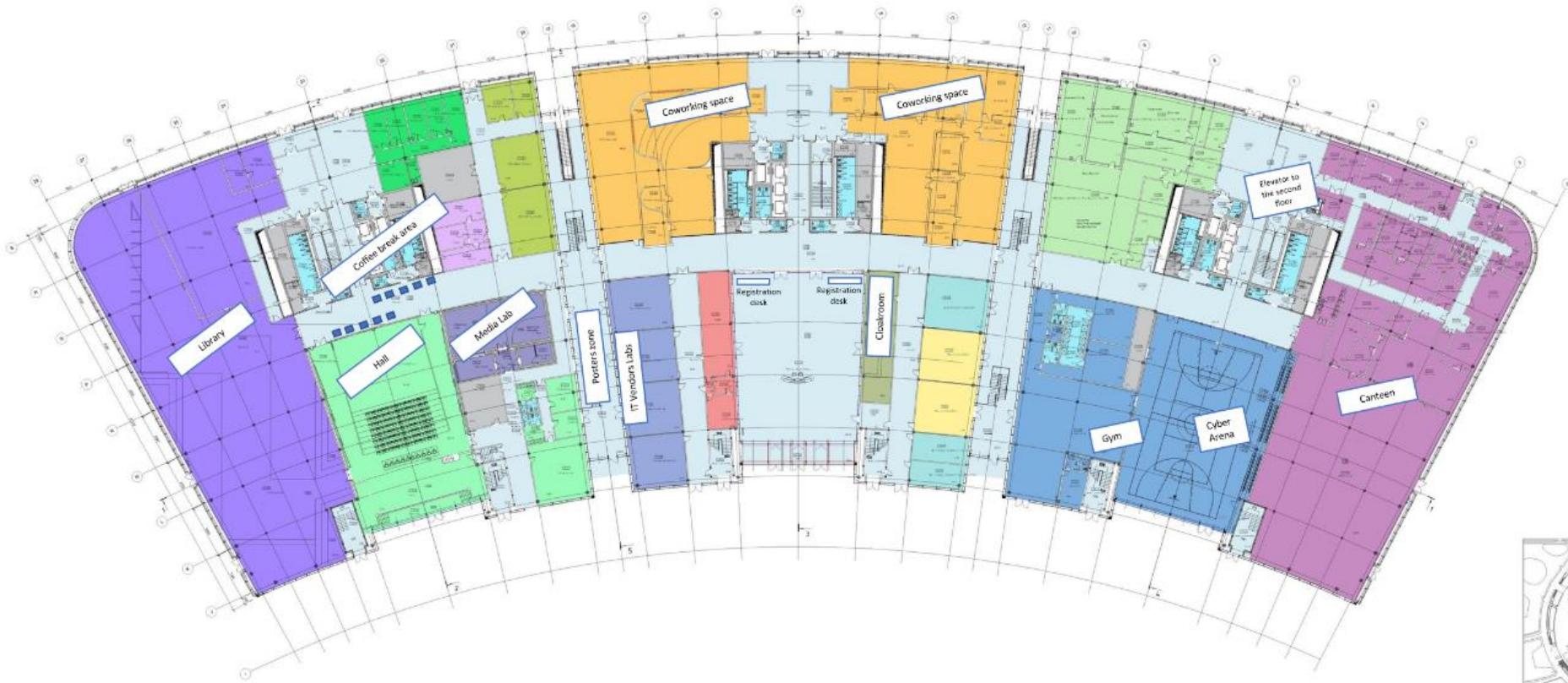
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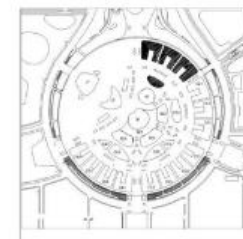
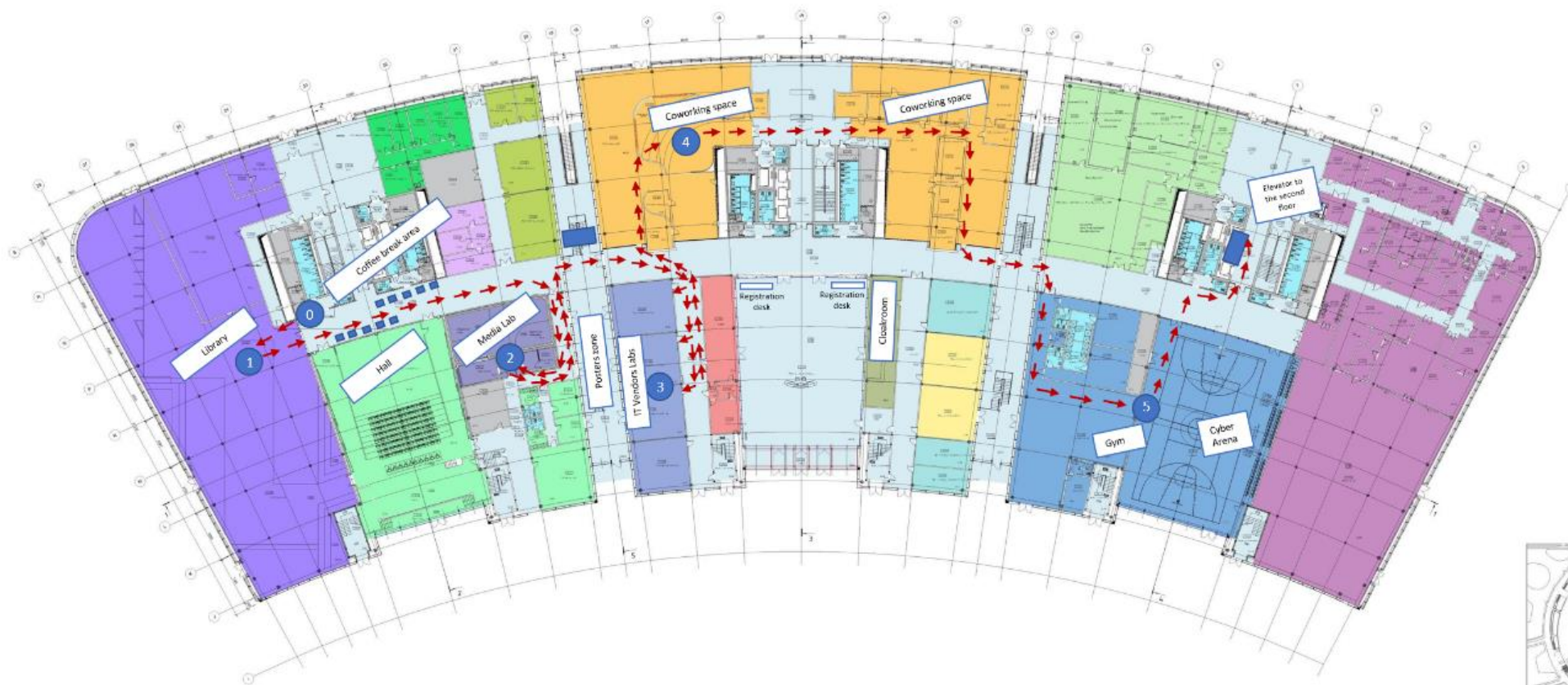
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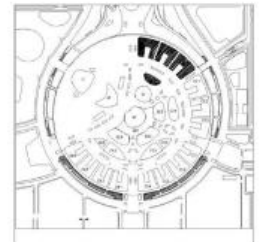
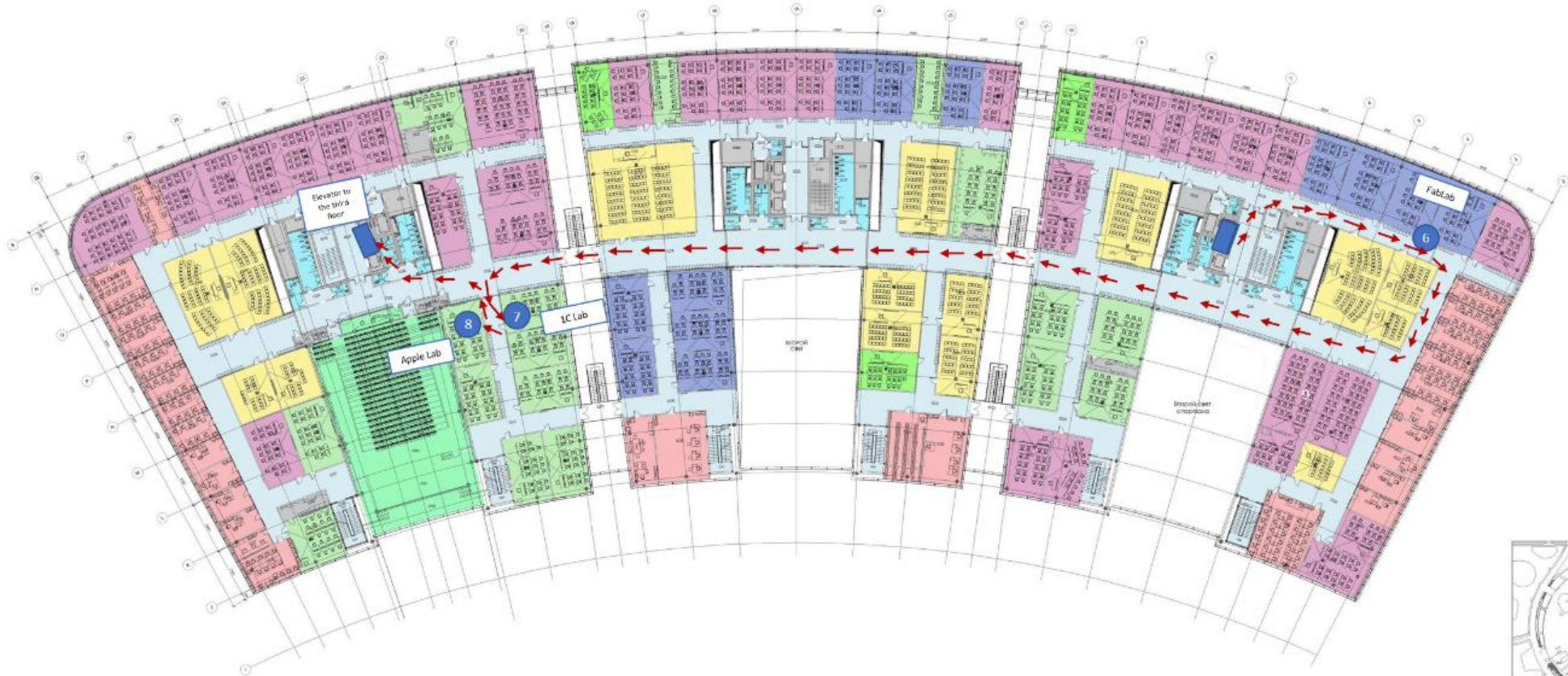
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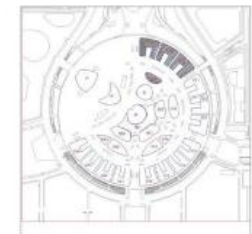
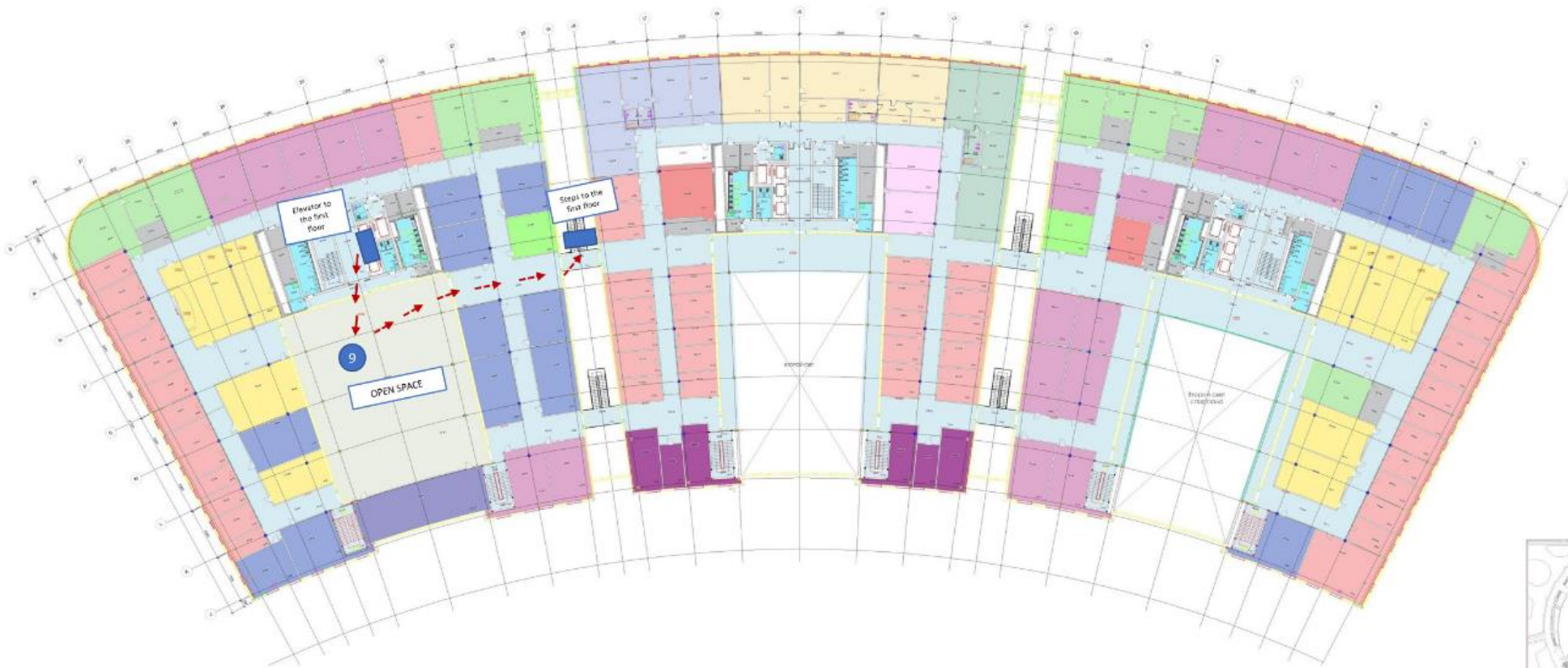
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