CONFERENCE PROGRAM



October 20

| 09:30 - 10:00 | Registration (907) |
|---------------|----------------------------------|
| 10:00 - 10:15 | Opening Ceremony (907) |
| 10:15 - 12:00 | Plenary Session (907) |
| 12:00 - 13:00 | Coffee Break (Innovation Center) |
| 13:00 - 17:00 | Section Sessions (907, 804,405) |

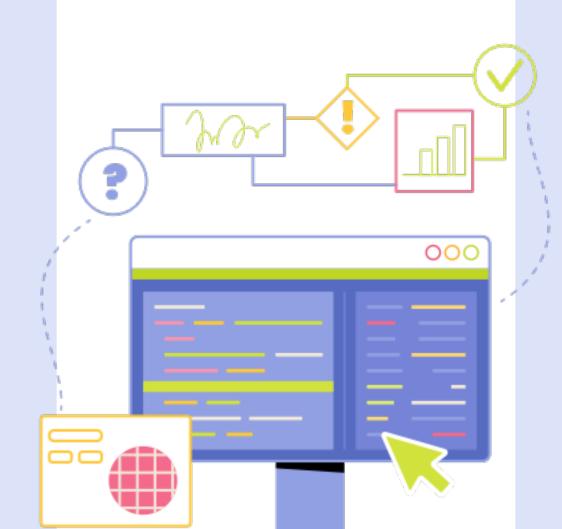
Keynote Speakers

Yerbolat Kalim, Information Security Committee Of The Ministry Of Digital Development, Innovation And Aerospace Industry Of The RK

Bayan Konirbayev, Head Of Almaty Digitalization Department

Shadi A. Aljawarneh, PhD, Professor, Jordan University Of Science And Technology, Jordan

Eduard Kan, Coursera Business Development Director In Central Asia



October 21

| 09:30 - 10:00 | Registration (907) |
|---------------|--|
| 10:00 - 12:00 | Plenary Session (907) |
| 12:00 - 13:00 | Coffee Break (Innovation Center) |
| 13:00 - 17:00 | Section Sessions (907, 804,405) |
| 19:00 - 21:00 | Closing Ceremony Dinner (Bakshasaray Restaurant) |

Keynote Speakers

Abd Rahim Bin Ahmad, PhD, Professor, Department Of Systems And Networking, College Of Computer Science And IT (CCSIT), Universiti Tenaga Nasional, Malaysia

Suzaida Binti Bakar, PhD, Head Of Department Diploma And Foundation Studies, Universiti Tenaga Nasional (The Energy University), Malaysia

Elhadi M. Shakshuki, PhD, Professor, Jodrey School Of Computer Science, Acadia University, Canada

Thursday, 20th of October, Plenary Session

Chairman: Yevgeniya Daineko 10.00 – 12.00, Room 907

Zoom conference link:

 $\underline{https://us06web.zoom.us/j/84850865472?pwd} = \underline{eFh1ZmhMWkFyUkZ0RWN0SmNNOEk1Zz09}$

Conference ID: 848 5086 5472

| Keynote Speaker: Yerbolat Kalim, Information Security Committee of the Ministry of Digital Development, Innovation and Aerospace Industry of the RK | Развитие Кибербезопасности в Республике Казахстан |
|---|---|
| Keynote Speaker: Bayan Konirbayev, Head of Almaty Digitalization Department | The title will be announced later |
| Keynote Speaker: Shadi A. Aljawarneh, PhD, Professor, Jordan University of Science and Technology, Jordan | Smart Scientific Research in Data Science |
| Keynote Speaker: Eduard Kan, Coursera Business Development Director in Central Asia | Digital Technologies in Education |

Thursday, 20th of October, Section 1 «Knowledge and Software Engineering»

Chairman: Aidos Sarsembayev, Secretary: Aknur Yemberdiyeva

13.00 – 16.00, Room 804

Zoom conference link

https://us06web.zoom.us/j/89892626277?pwd=T3VOSzhoeUUwWjJXTWFOdDFLTzlhQT09

Conference ID: 898 9262 6277

| 1 | 9791 | Askar Bekishev, Kuanysh Nursakitov, Saule Kumargazhanova and Aliya Urkumbaeva | Overview of the Current State of Research, Devoted to the Problems of Information Retrieval and Natural Language Processing | D. Serikbayev East-Kazakhstan State Technical University |
|---|------|---|---|---|
| 2 | 2199 | Asset Akhmadiya, Khuralay Moldamurat, Kazbek Baktybekov, Guldana Kassymbayeva and Garyshbek Yechshanov | Application of Landsat-8/9 and Sentinel-2A/B Remote Sensing Data for Detecting Fire Zone in Kostanay Region, Kazakhstan, on September 3-4, 2022 | Kazakh Agro Technical University, L.N. Gumilyov Eurasian National University, JSC NC Kazakhstan Garysh Sapary |
| 3 | 9375 | Danel Mashakova and Marat Nurtas | Data Analysis and Development of the Cross-platform Application Intended to Organize and Provide Services in the Field of Science-cultural and Entertainment Events | International Information Technology University |
| 4 | 1384 | Aigerim Bolshibayeva | Concept of Platforms as a Tool for Digital Transformation of Business Processes of the National Economy | International Information Technology University |
| 5 | 5373 | Shynar Assylbekova, Bagdat Serikov, Yerasyl Zhailau, Almas Suleimenov and Daulet Batyrbekov | Development of a Mobile Application "ZhEDUniver" Integrated with the Smart Zhetysu Platform for Students of Zhetysu University Named after I. Zhansugurov | Zhetysu University Named after I. Zhansugurov |
| 6 | 8614 | Serhii Slobodian and Yuriy Kharytonov | Formalization of the Information Model of the Shipbuilding Cluster for the Implementation of the Technological Platform Shipbuilding 4.0 | Admiral Makarov National University of Shipbuilding |
| 7 | 9116 | Zhexen Seitbattalov, Hüseyin Canbolat and Sabyrzhan Atanov | Face Mask Detector for Raspberry Pi Based on Computer Vision and Edge Computing | L.N. Gumilyov Eurasian National University, Ankara Yıldırım Beyazıt Üniversitesi |

| 8 | 160 | Avnish Singh Jat and Tor-Morten Grønli | Virtual Reality in Digital Health: A Literature Review | Kristiania University College |
|----|------|--|--|--|
| 9 | 2629 | Aidar Jantykov, Laura Alimzhanova, Khudaibergen Nurlybekov and Rustem Malybayev | Research and Development of Gamification Software for Teaching Technical Specialties | International Information Technology University |
| 10 | 8312 | Vadim Zhmud, Ashat Asset, Madina Mansurova and Anelya Koilybekova | The Use of a Digital Double for Effective Control of an Object with Many Destabilizing Nonlinear Feedbacks | Novosibirsk Institute of Software Systems JSC, Almaty University of Energy and Communications named after G. Daukeev, Al-Farabi Kazakh National University |
| 11 | 3727 | Zhanna Mukanova, Sabyrzhan Atanov and Marat Baydeldinov | Development of the Multispectral Microcontroller System for Analyzing Air Quality for the Presence of the Hazardous Gas Mixtures | Turan University, L.N. Gumilyov Eurasian National University |
| 12 | 5228 | Volodymyr Boiko, Mykola Pidhornyy, Olena Danchenko, Olena Bielova and Olga Zaiats | The Functional Structure of Modular Interaction in the Decision Support System for the Automation of Passenger Transportation Management | Cherkasy State Technological University, KROK University, National Transport University |
| 13 | 9740 | Abzal Kyzyrkanov, Sabyrzhan Atanov, Shadi Aljawarneh and Nazira Tursynova | Movement Coordination of Swarm Robotic Systems | Astana IT University, L.N. Gumilyov Eurasian National University, Jordan University of Science and Technology |
| 14 | 2465 | Bolatbek Amiev, Gulnur Tyulepberdinova, Assem Baigara, Anelya Koilybekova, Mazhit Orynbay, Askar Akhmedov and Asset Baigara | Application of Data Mining to Calculate Power Loss | Al-Farabi Kazakh National University |

Thursday, 20th of October, Section 3 «Data Science»

Chairman: Marat Nurtas, Secretary: Fatima Tokmukhamedova

13.00 – 16.00, Room 405

Zoom conference link

https://us06web.zoom.us/j/89892626277?pwd=T3VOSzhoeUUwWjJXTWFOdDFLTzlhQT09

Conference ID: 898 9262 6277

| 1 | 919 | Kamshat Asmaganbetova, Zhenis Otarbay, Almaz Turginbekov, Damir Karimov, Olzhas Sayakov and Bakhtiyar Kalzhan | Forecasting the Potential Scenarios of CO2 Emissions in Kazakhstan Using Deep Learning (DL) Predictive Models | Nazarbayev University, Astana IT University |
|---|------|---|---|--|
| 2 | 4228 | Timur Shormanov, Aigerim Mazakova, Sholpan Jomartova, Talgat Mazakov and Majit Orynbay | Machine Learning Algorithms for Biometric Face Identification | Al-Farabi Kazakh National University |
| 3 | 6963 | Guljamal Kalman, Madina Sambetbayeva and Yerzhan Zhumabay | Algorithm for Solving Pronominal Anaphora in the Kazakh Language | L.N. Gumilyov Eurasian National University |
| 4 | 9911 | Batyrkhan Omarov, Inkar Bazarkulova and Sharipa Temirgaziyeva | Overview of Deep Neural Network Training Methods | Al-Farabi Kazakh National University |
| 5 | 8669 | Laura Karimova and Sabina Rakhmetulayeva | Application of the Algorithm for Analyzing Financial Instruments Based on Correlation Coefficient | International Information Technology University |
| 6 | 9358 | Dana Zhussupova and Aidos Sarsembayev | Development of a Career Guidance System Using Machine Learning Algorithms | International Information Technology University |
| 7 | 589 | Gani Esen and Marat Nurtas | Building a Complex Model for Speaker Recognition Using Speech Signal Segmentation | International Information Technology University |

| 8 | 9688 | Sabina Rakhmetulayeva and Aliya Kulbayeva | Building Disease Prediction Model Using Machine Learning Algorithms on Electronic Health Records' Logs | International Information Technology University |
|----|------|---|--|---|
| 9 | 7763 | Togzhan Kudaibergen and Mohamed Ahmed Hamada | Application of Deep Convolutional Generative Adversarial Network for Russian Handwritten Text Recognition | International Information Technology University |
| 10 | 3586 | Lyazat Naizabayeva, Nurgul Ainabek and Assem Berkimbayeva | Using of Machine Learning Algorithms to Determine the Content of Toxic Elements in the Environment | International Information Technology University |
| 11 | 9257 | Kamila Tanyrbergenova, Tolkyn Mirgalikyzy, Balgaisha Mukanova and Mikhail Posypkin | Using Artificial Neural Network for Solving Inverse Kinematic Task of 2R Planar Robot-manipulator | L.N. Gumilyov Eurasian National University, Astana IT University, Federal Research Center "Computer Science and Control" of the Russian Academy of Sciences |
| 12 | 9201 | Talshyn Sarsembayeva, Adai Shomanov, Magzhan Sarsembayev, Madina Mansurova, Ainur Zhumasheva and Aigerim Zhunussova | UNet Model for Segmentation of COPD Lung Lesions on Computed Tomography Images | Al-Farabi Kazakh National University |
| 13 | 1989 | Saya Sapakova | Using the SIR Model for Modeling the Epidemiological Situation in Kazakhstan and Neighboring Countries | International Information Technology University |
| 14 | 1291 | Khuralay Moldamurat, Niajz Belgibekov, Abzal Kyzirkanov, Saule Brimzhanova, Olga Bizhanova and Aidos Kalkabek | Voice Control Technology for Drones Based on Intelligent Command Recognition | L.N. Gumilyov Eurasian National University, NIOCR Department of military-technicians Project R&D centers Kazakhstan engineering, Kostanay Academy of the MIA of the RK named after Sh. Kabylbaev, NPLC «A. Baitursynov KRU», LLC «R&D CENTER «Kazakhstan Engineering» |
| 15 | 6340 | Bakhtgerey Sinchev, Anel Auyezova, Tolkynai Sadykova and Aksulu Mukhanova | Information Search Algorithms | International Information Technology University, Academy Kainar |

Thursday, 20th of October, Section 6 «Digital Technologies in the Development of Socio-Economic Systems»

Chairman: Galiya Berdykulova, Secretary: Guldana Khamzina

13.00 – 16.00, Room 907

Zoom conference link

https://us06web.zoom.us/j/82528749737?pwd=RDJpT3BFUWhOdlZFOGFIb3EwYlk2Zz09

Conference ID: 825 2874 9737

| 1 | 985 | Oxana Bublikova, Dinara Aliyeva, Zhannura | Blended Learning Tools for Foreign Language Teaching | International Information Technology |
|---|------|---|--|--|
| | | Manapbayeva and Gulnara Zakirova | | University |
| 2 | 6141 | Aliya Ayazbayeva, Elmira Gerfanova and | The Use of Mobile Applications in Learning English: EFL | Astana IT University |
| | | Diana Zhanabilova | Students' Attitudes | |
| 3 | 9379 | Raju Singha and Ajithkumar Chalil | Digital Education in India: MOOCs Awareness and | Indira Gandhi National Open University |
| | | | Readiness Among the Undergraduates of West Bengal | |
| 4 | 7334 | Lyaila Togzhanova, Saniya Kabdrgalinova, | Smart Technologies in Modern Education | International Information Technology |
| | | Zhanat Orynkhanova and Gulnara Zakirova | | University, Kazakh National Women's |
| | | | | Pedagogical University |
| 5 | 8852 | Makpal Iskakova, Ayan Karzhaubay and | Application of Digital Technologies in Teaching Elements | Abai Kazakh National Pedagogical |
| | | Altynay Olmesbek | of Statistics in Mathematics at School | University |
| 6 | 1202 | Aigul Alpysbayeva, Kanyzha Zhumagali, | Rethinking the Role of Digital Resources to Increase | Al-Farabi Kazakh National University, |
| | | Gulnur Tlegenova and Gulnara Zakirova | Students' Motivation in Terms of COVID-19 | Zhetysu University, International |
| | | | | Information Technology University |
| 7 | 9248 | Samalgul Nassanbekova, Gaukhar | The Role of 7P's of Marketing in the Digital Strategies of | Astana IT University |
| | | Yeshenkulova and Nurkhat Ibadildin | Kazakh Tourism Destinations | - |
| 8 | 6004 | Galiya Berdykulova, Yevgeniya Daineko, | What Experience and Survey Say about University | International Information Technology |
| | | Marat Kamysbayev and Makpal Abdinova | Digitalization in Kazakhstan? | University |

| 9 | 7739 | Nurbek Shayakhmet, Zhibek Tleshova and Saule Mamytova | «Digital Humanities»: Domestic and International Practice of Institutionalization | Astana IT University |
|----|------|--|--|---|
| 10 | 2870 | Temirlan Nabiyev and Gulbakyt Sembina | Research and Application of Modern Teaching Methods to Attract Young People to the Field of IT | International Information Technology University |
| 11 | 8692 | Saule Begaliyeva, Guncham Nurakhunova, Elena Shmakova, Tolkyn Atzhanova and Regina Sharshova | Multimedia Learning Tools in a Foreign Language Audience | Kazakh National Pedagogical University named after Abai, International Information Technology University, M.H. Dulati Taraz Regional University |
| 12 | 9029 | Sagadat Akmuratova, Torgyn Tugelbayeva, Alua Sarbasova and Laura Alimzhanova | Digital Tools for the Introduction of Rebranding and Remarketing: Comparison and Comparative Analysis | Al-Farabi Kazakh National University, International Information Technology University |
| 13 | 1880 | Gulnara Zakirova, Aidos Sarsembayev, Lyazat Naizabayeva and Madeniyet Akhmetova | Competency Based and Technologically Enhanced Teaching and Learning: Data Science Courses and Tuning Methodology | International Information Technology University, Kazakh Ablai khan University |
| 14 | 9983 | Gulzira Abdullayeva | Information and Communication Technologies in Vocational Guidance: Problems and Solution Ways | International Information Technology University |
| 15 | 6005 | Saule Ashenova, Guldana Khamzina and Shynar Kaliazhdarova | Artificial Intelligence and Journalism: Review of Kazakhstan's Experience and Evaluation of Media Risks | International Information Technology University |
| 16 | 9588 | Aissulu Kaldarova, Marco Vasquez and Susan Zamora | The Efficacy of Printed Modular Learning Modality Approach in Teaching and Learning English Language | International Information Technology University, Buhisan National School |

Friday, 21st of October, Plenary Session

Chairman: Yevgeniya Daineko 10.00 – 12.00, Room 907

Zoom conference link

 $\underline{https://us06web.zoom.us/j/86005946176?pwd} = \underline{SU1Pa1dTcGtSWWpiZ1M0bndWc2F1UT09}$

Conference ID: 860 0594 6176

| Keynote Speaker: Abd Rahim Bin Ahmad, PhD, Professor, Department of Systems and Networking, College of Computer Science and IT (CCSIT), Universiti Tenaga Nasional, Malaysia | Why Artificial Intelligence Matters More Than Ever Now |
|--|--|
| Keynote Speaker: Suzaida Binti Bakar, PhD, Head of Department Diploma and Foundation Studies, Universiti Tenaga Nasional (The Energy University), Malaysia | FinTech Future: Contemporary Trends and Challenges in the VUCA World |
| Keynote Speaker: Elhadi M. Shakshuki, PhD, Professor, Jodrey School of Computer Science, Acadia University, Canada | Agent Systems and Their Applications: Developments & Findings |

Friday, 21st of October, Section 2 «Smart Technologies and IoT» Chairman: Sabina Rakhmetulayeva, Secretary: Aleksandra Tyan

13.00 – 16.00, Room 907

Zoom conference link

 $\underline{https://us06web.zoom.us/j/83168034280?pwd} = \underline{eG93WHBIVzkwam45K2Zsa1JFQ31XUT09}$

Conference ID: 831 6803 4280

| 1 | 2357 | Bakhrom Shamuratov and Mohamed Hamada | Comparative Analysis of Modern Methods of Software Risk Management for IT/IS projects | International Information Technology University |
|---|------|--|--|--|
| 2 | 5889 | Altayeva Aigerim | Model of an IT Platform for Serving the Population of a Smart City | International Information Technology University |
| 3 | 2045 | Gulbakyt Sembina and Aigerim Aitim | Development of the Company's Logistics Process Management System | International Information Technology University |
| 4 | 5032 | Saltanat Myrzalieva, Almira Kulbaeva, Akbope Akhmet, Karina Galay, Kuralay Tattimbetova and Serik Mizanbekov | SMART-technologies in Higher Education: Perspectives and Reality | Al-Farabi Kazakh National University |
| 5 | 7841 | Alisher Telman, Zhansaya Kaidarova, Lyazat Naizabayeva and Aitolkyn Sametova | Research and Improvement of Digitalization of Business Processes in Organizations Using Big Data | International Information Technology University |
| 6 | 6267 | Khudaibergen Nurlybekov, Laura Alimzhanova, Aidar Jantykov and Rustem Malybayev | Research of Systems for Providing Electronic Document Management in Higher Education Institutions | International Information Technology University |
| 7 | 8387 | Laura Alimzhanova, Nailya Kurbanova and Rustem Malybayev | Development of Digital Tools to Ensure Remote Business Management During Lockdowns | International Information Technology University |

| 8 | 5023 | Adil Maidanov, Sabyrzhan Atanov and Hüseyin Canbolat | Microcontroller Authentication System on Raspberry Pi Pico for IoT Devices | L.N. Gumilyov Eurasian National University, Ankara Yildirim Beyazit University |
|----|------|--|--|---|
| 9 | 2757 | Nursultan Alpysbay, Kateryna Kolesnikova, Tolganay Chinibaeva and Tetiana Olekh | Using Project Management Tools in the Process of Modernizing the Healthcare System of the Republic of Kazakhstan | International Information Technology University, Odessa National Polytechnic University |
| 10 | 9846 | Isus Raichuk, Iuliia Khlevna, Oleksandr Timinskyi and Oleksandr Voytenko | Cognitive Model of Digitalization of Business Processes of a Project-oriented IT-Company | Taras Shevchenko National University of Kyiv, Kyiv National University of Construction and Architecture |
| 11 | 7435 | Sergey Bushuyev, Natalia Bushuyeva, Victoria Bushuieva and Denis Bushuiev | Integrated Intelligence Model for Managing IT Projects | Kiev National University of Construction and Architecture |
| 12 | 8188 | Liubava Chernova, Anna Zhuravel, Lyudmila Chernova, Serhii Chernov and Antonina Trushliakova | Application of the Cognitive Approach in the Field of Project Management | Admiral Makarov National University of Shipbuilding |
| 13 | 3181 | Mohamed Hamada and Emmanuel Abiche | Adopting Data Mining and Social Media Analytics to Achieve Customer Satisfaction | International Information Technology University |

Friday, 21st of October, Section 4 «Cybersecurity, Infocommunication Systems and Networks»

Chairman: Altay Aitmagambetov, Secretary: Alibek Gazizov

13.00 – 16.00, Room 405

Zoom conference link

 $\underline{https://us02web.zoom.us/j/84143815526?pwd} = \underline{eWRiZysxVXJ4THpiMDhzTDUzRWgydz09}$

Conference ID: 841 4381 5526

| 1 | 7422 | Abdul Razaque, Saule Amanzholova, Amir Akimbayev, Emil Kovalenko and Dilnaz Ashimzhanova | Development System of Application Security Testing | International Information Technology University |
|----|------|---|--|---|
| 2 | 7374 | Yahor Adamovskiy, Rykhard Bohush and Valery Chertkov | Constructing Radio Environment Map Model for a Cognitive Communication System Based on LTE | Polotsk State University |
| 3 | 7440 | Abdul Razaque, Saule Amanzholova, Shakirt Makilenov and Azhar Sagymbekova | Control Frame Protection from Denial-of-service Attacks During Handover Process | International Information Technology University |
| 4 | 231 | Andrii Bigdan, Tetiana Babenko, Hryhorii Hnatiienko, Oleksii Baranovskyi and Larysa Myrutenko | Detection of Cybersecurity Events Based on Entropy Analysis | Taras Shevchenko National University of Kyiv |
| 5 | 119 | Mohsin Ali Farhad, Nurgul Nalgozhina and Olzhas Tasmagambetov | Homomorphic Encryption with Enhanced Elliptic Curve for Mobile Wireless Network Security | International Information Technology University |
| 6 | 2224 | Makhabbat Bakyt, Khuralay Moldamurat, Dina Satybaldina and Nikolay Yurkov | Modeling Information Security Threats for the Terrestrial Segment of Space Communications | L.N. Gumilyov Eurasian National University, Penza State University |
| 7 | 6028 | Dinara Kalmanova, Karakat Bolatzhan, Aibek Moldamurat, Botakoz Mamyt and Anel Meiramova | Modeling of the UAV Control Communication System Based on FPGA | L.N. Gumilyov Eurasian National University, "Kazmedia ortalygy", "Management Company" LLP |
| 8 | 6491 | Azhar Baimanova, Akmaral Moldamurat, Alikhan Utegen, Mirana Kabdulova and Aruzhan Atanova | Fundamentals of Safety, Reliability and Testing Systems in the Course of Testing Spacecraft | L.N. Gumilyov Eurasian National University, "Kazmedia ortalygy", "Management Company" LLP |
| 9 | 5145 | Valery Tikhvinskiy, Yevgeniya Daineko, Altay Aitmagambetov, Aigul Kulakayeva and Bagdat Kozhakhmetova | Reference Models of Satellite Segment Integration for NTN 5G | International Information Technology University |
| 10 | 9023 | Kymbat Seilkhanova and Sabyrzhan Atanov | Efficient Methods for Detection and Prevention of ARP Spoofing Attacks | L.N. Gumilyov Eurasian National University |

Friday, 21st of October, Section 5 «Mathematical and Computer Modelling»

Chairman: Roza Uteshova, Secretary: Ainur Zhumasheva

13.00 – 16.00, Room 804

Zoom conference link

https://us06web.zoom.us/j/82724471524?pwd=eDd6YzBMeXRYTXVGMUtSZWxNM1JuUT09

Conference ID: 827 2447 1524

| | 1 | | | |
|----------|------|---|---|--|
| 1 | 2496 | Dinara Kalmanova, Kamila Kariyeva, | Development of a Computer Model of the Movement | L.N. Gumilyov Eurasian National University, |
| | | Nazerke Yryskeldi, Niyaz Belgibekov and | of a Vertical Launch Rocket | NIOCR Department of military-technicians |
| | | Kanat Kazhibayev | | Project R&D centers Kazakhstan engineering |
| 2 | 9157 | Khuralay Moldamurat, Galia | Features of Computer Simulation of Flight Vehicles | L.N. Gumilyov Eurasian National University, |
| | | Mukhamedrakhimova, Samal Kaliyeva, | in Teaching Technical Specialties in the Field of the | NIOCR Department of military-technicians |
| | | Niyaz Belgibekov and Zhumabayeva Asel | Aviation Industry in the Republic of Kazakhstan | Project R&D centers Kazakhstan engineering |
| 3 | 2160 | Fariza Moldamurat, Tattigul Samuratova, | Prototyping of Unmanned Aerial Vehicles Using | L.N. Gumilyov Eurasian National University, |
| | | Karlygash Otyzbayeva, Dastan | Computer Software | A. Baitursynov Kostanay State University |
| | | Yergaliyev, Olga Bizhanova and Kamila | • | |
| | | Kariyeva | | |
| 4 | 8913 | Lyailya Kurmangaziyeva, Zh. | Analysis of the Problem of Ensuring the Reliability | Kh. Dosmukhamedov Atyrau University, L.N. |
| | | Oralbekova, Sh. Akhmetzhanova, A. | of the Information System | Gumilyov Eurasian National University, M.Kh. |
| | | Khassenova, M. Akishev and T. | | Dulaty Taraz Regional University, Karaganda |
| | | Zhukabayeva | | Buketov University, AQ Service |
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| 5 | 7679 | Oleksandr Zhuk, Serhii Trybulkevich, | Modelling of a Filter-compensating Device with a | Admiral Makarov National University of |
| | | Dmytro Zhuk, and Volodymyr Ryabenkij | Controlled Reactor Compensator | Shipbuilding |
| <u>_</u> | | | • | 1 0 |
| 6 | 3597 | Alua Myrzakerimova and Mugulsum | Applying of the Developed Mathematical Methods | International Information Technology |
| | | Nurmaganbetova | and Models for the Diagnosis of Diseases of Internal | University, Kazakh National Medical University |
| | | | Organs Using Statistical Data of People of | named after S.D. Asfendiyarov |
| | | | Kazakhstan | |
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| 7 | 310 | Altai Alimgazin, Mukhtar Serkpayev, | Introduction of Intelligent Thermal Module with the | L.N. Gumilyov Eurasian National University, |
|---|------|---------------------------------------|---|--|
| | | Khuralay Moldamurat, Saule Alimgazina | Use of Renewable and Alternative Energy Sources to | Academy of Military Sciences of the Republic |
| | | and Sabina Bakhtiyarova | Increase the Efficiency of Power Supply Systems of | of Kazakhstan, Startup company "BMTU" LLP |
| | | | Military Facilities of the Republic of Kazakhstan | |
| 8 | 2027 | Sayat Akhmejanov, Valeriy | Optimization of Launch Vehicles with Using | L.N. Gumilyov Eurasian National University, |
| | | Dzhundibayev, Marat Nurguzhin, Aibek | Composite Materials | "Kazmedia ortalygy", "Management Company" |
| | | Moldamurat, Almas Idrissov and Galia | | LLP, Almaty University of Energy and |
| | | Mukhamedrakhimova | | Communications named after G. Daukeev |
| | | | | |
| 9 | 5107 | Bakhyt Alipova, Yevgeniya Daineko and | Numerical Modeling of the Coronary Artery Using | International Information Technology |
| | | Zhiger Bolatov | ANSYS Fluent | University |