

Monday, September 14

13:00-13:20	Ceremony OPENING For ICEMIS 2020 Rector of IITU, doctor of technical Sciences, Professor Raisa Uskenbayeva Director of Information Technology and Communications Center, Jordan University of Science and Technology, Shadi Aljawarneh		
13:20-13:50	Plenary talk 1: Keynote Speaker: Cho Young Im, Gachon University, Faculty of Computer Science, Professor Research Interests: artificial intelligence, smart city, big data, ambient intelligence, standardization, service robot Topic: "....." Chairman: Yevgeniya Daineko		
13:50-15.00	Section-1: Information systems and Cyber systems Room Chair: Abdul Razaque	Section-2: AI and ML Room Chair: Marat Nurtas	Section-3: E-learning Room Chair: Timothy McGee
13:50-15.00	Performance Analysis of blockchain based systems for industry applications <i>Mansoor Khan, Prof. Dr. Oğuz Bayat and Dr. Uğur Coruh</i>	Trends the use of Artificial Intelligence techniques for peer assessment <i>Lorena Bowen Mendoza, Maricela Pinargote Ortega, Jaime Meza Hormaza and Sebastian Ventura Soto</i>	Fuzzy-based Active Learning for Predicting Student Academic Performance <i>Maria Tsiakmaki, Georgios Kostopoulos, Sotiris Kotsiantis and Omiros Ragos</i>
13:50-15.00	An Extensive Analysis of the Ad Hoc Network <i>Maaeda M. Rashid, Muthana Isawi and Baban A. Mahmood</i>	Lung Cancer Classification and Detection Using Convolutional Neural Networks <i>Deniz Anwer and Serkan Ozbey</i>	Examining students' views on the implementation of the two-way immersion program in the educational process of Kazakhstan <i>Auda Ocpanova and Tatyana Shelestova</i>
13:50-15.00	A Framework to Protect Against Phishing Attacks <i>Younis A Younis and Mohamed Musbah</i>	Accuracy' Measures of Sentiment Analysis Algorithms for Spanish Corpus generated in Peer Assessment <i>Maricela Pinargote-Ortega, Lorena Bowen Mendoza, Jaime Meza Hormaza and Sebastián Ventura Soto</i>	Development of an automated expert system for diagnosing diseases of internal organs <u><i>Alua Myrzakerimova and Mugulsum Nurmaganbetova</i></u>
13:50-15.00	Security architectures for sensitive Data in Cloud Computing <i>Tareq Abed Mohammed and Ahmed Burhan</i>	Artificial intelligence and its impact on the prediction of economic indicators <i>Kevin Mero Ramírez, Jaime Meza Hormaza and Sebastián Ventura Soto</i>	ECG physical signals study and analysis as applied task for physics virtual laboratory work for pupils at secondary schools

			<i>Akmaral Kuatbayeva, Yevgeniya Daineko, Madina Ipalakova, Gulnar Kuatbayeva, Bakyt Kossynbayev, Ryskhan Satybaldiyeva and Zarina Altayeva</i>
13:50-15.00	Transforming RDF to Property Graph in Hugegraph <i>Haihong E, Penghao Han and Meina Song</i>	Auto-abstracting of texts in the Kazakh language <i>Aliya Turganbayeva and Diana Rakhimova</i>	COMPUTER MODELING OF NANOSATELLITE TRAJECTORY IN THE POLAR COORDINATE SYSTEM USING MATLAB INTERFACE <i>Bakhyt Alipova and Olga L. Starinova</i>
13:50-15.00	A SYSTEMATIC REVIEW OF TRANSITION FROM IPV4 TO IPV6 <i>Gulzinat Ordabayeva, Mohamed Othman, Bibinur Kirgizbayeva, Zhalgasbek Iztaev and Aigulim Bayegizova</i>	Development algorithms for the analysis of the spread of coronavirus infection COVID-19 based on analytical software SAS <i>Zhanel Nurdaulet, Kuanysh Shametov, Zarina Syrymbet, Akmaral Kuatbayeva, Azamat Syzdykov, Yerassyl Akhmetov, Makhat Tumenbayev and</i>	The experience of using information and communication technologies in IITU JSC and their impact on the educational process <i>Yevgeniya Daineko, Gulnara Zakirova, Madina Ipalakova, Dana Tsoy and Aigerim Seitnur</i>
15:00-15.30	Plenary talk 2: Keynote Speaker: Prof. Victor Chang, Professor, Teesside University, Middlesbrough, UK Research Interests: Data Science, IoT Topic: "The Next Generation of AI and Data Science"		
15:30-16.30	Section-1: Information systems and Cyber systems Room Chair: Abdul Razaque	Section-2: AI and ML Room Chair: Marat Nurtas	Section-3: E-learning Room Chair: Timothy McGee
15:30-16.30	Valid and Invalid Bitcoin Transactions <i>Saule Amanzholova, Nurbek Tastan, Amina Yessenalina and Kamila Kalkamanova</i>	Machine learning and neural network methodologies of analyzing social media <i>Vladislav Karyukin, Aidana Zhumabekova and Sandugash Yessenzhanova</i>	Intercultural communication modeling based on modern information technologies <i>Gulnara Zakirova, Ainur Kaliaskarova and Nurzhigan Utelbayeva</i>
15:30-16.30	Integration of Safety Means with Functions of Blockchain in Multi-layered Architecture of IoT for Safer Data Transmission Procedures <i>Raimundas Savukynas</i>	Automated Question-Answer Medical Model based on Deep Learning Technology <i>Abdelrahman Abdallah, Mahmoud Kasem, Mohamed Hamada and Shaymaa Sdeek</i>	E-learning as a factor of quality assurance of professional training of future teachers of Russian language and literature

			<i>Baiyan Zholdasbekova, Karina Galay, Serik Mizanbekov, Zhadyra Bayanbayeva and Zhanna Dzhalamova</i>
15:30-16.30	Monitoring of promising frequency ranges for 5G network development in Almaty city <i>Aigul Kulakayeva, Valery Tikhvinskiy, Altay Aitmagambetov, Almash Zhaksylyk and Bagdat Kozhakhmetova</i>	2-D Finite Element method using “eScript” for acoustic wave propagation <i>Marat Nurtas, Zharasbek Baishemirov, Aizhan Ydyrys and Aizhan Altaibek</i>	Geoinformational education and project approach at KSU named after Sh. Ualikhanov <i>Saule Damekova, Nurgul Nurmuhambetova and Anargul Belgibayeva</i>
15:30-16.30	Methods for creating Intelligent transportation systems using dynamic microlevel model of the city based on a qualitative correspondence matrix <i>Shamsigul Kobdikova, Rustam Khalilev and Perizat Arimbekova</i>	Using of Machine Learning algorithm and Spectral method for simulation of Nonlinear Wave Equation <i>Marat Nurtas, Aizhan Ydyrys and Aizhan Altaibek</i>	
15:30-16.30		Contour analysis of external images <i>Raissa Uskenbayeva and Samat Mukhanov</i>	

Tuesday, September 15

12:30-13:00	Plenary talk 3: Keynote Speaker: Juan A. Lara, UDIMA, Madrid, Spain Research Interests: Topic: " Educational Data Mining" Chairman: Yevgeniya Daineko		
13:00-13:40	Section-4: Digitalization and Business Process Modeling Room Chair: Aiman Moldagulova	Section-5: Web application and Software Engineering Room Chair: Sabina Rakhmetulayeva	Section-6: Digital Society Room Chair: Galym Omarov
13:00-13:40	The structure and composition of the business process model <i>Zhuldyz Kalpeyeva, Aizhan Kassymova, Timur Umarov, Akkyz Mustafina and Nurzhan Mukazhanov</i>	A Web Application for Company Reports Management System <i>Hamza Mahfoud Hamer, Osama Ibraheem Ashour and Muhammad Ilyas</i>	Assessing Quality Standards in Electronic Gates of Educational Institutions: A Field Study <i>Ebitisam Elberkawi, Marwa Dakhil, Amira Almkhatri and Abdelsalam Maatuk</i>

13:00-13:40	APPLICATION OF BIG DATA IN LOGISTICS <i>Aiman Moldagulova, Ryskhan Satybaldiyeva and Abu Kuandykov</i>	Web Application Based on MVC Laravel Architecture for an Online shop <i>Mohammed Thakir Mahmood Mahmood and Osama Ibraheem Ashour Ashour</i>	Problems and perspectives of Digital Silk Road in Central Asia <i>Zhanat Zakiyeva</i>
13:00-13:40	The construction of the Kazakh language thesauri in automatic word processing system <i>Aigerim Aitim, Ryskhan Satybaldiyeva and Waldemar Wojcik</i>	The audit method of enterprise's Information security <i>Gulzira Mukatay, Gulmira Bekmanova, Assel Omarbekova and Altynbek Sharipbay</i>	Digitization of Intangible Cultural Heritage as a method to save and actualize it on the example of Kazakh folk dance <i>Zhanna Ramadanova</i>
13:00-13:40	Designing business processes based on an integrated approach: process, model and architectural <i>Abu Kuandykov and Raissa Uskenbayeva</i>	Validation Framework for Aspectual Requirements Engineering (ValFAR) <i>Sohil Alshareef, Abdelsalam Maatuk, Tawfig Tawill and Mohamed Hagal</i>	Standard of the Republic of Kazakhstan «Occupational health and safety management systems» and analysis of traumatism and occupational (job-related) diseases at the enterprises <i>Roza Suleimen-Kyzy Omirbay, Makpal Kabdullaevna Malgazhdarova, Firuza Kaisarbekovna Batesova and Vladlena Stepanovna Shevtsova</i>
13:40-14:00	Plenary talk 4: Keynote Speaker: ... Research Interests: Topic: "..." Chairman: Yevgeniya Daineko		
14:00-14:40	Section-4: Digitalization and Business Process Modeling Room Chair: Aiman Moldagulova	Section-5: Web application and Software Engineering Room Chair: Sabina Rakhmetulayeva	Section-6: Digital Society Room Chair: Galym Omarov
14:00-14:40	Towards Digital University: Experience of Kazakhstan <i>Galiya Berdykulova, Madina Ipalakova, Marat Kamysbayev and Yevgeniya Daineko</i>	Prioritizing Software Components Risk: Towards a Machine Learning-based Approach <i>Mrwan Benidris, Hany Ammar, Dale Dzielski and Wisam Benamer</i>	Psycho-emotional factor of distance learning in COVID-19 pandemic situation in Kazakhstan <i>Sitora Mustafayeva and Akmaral Satova</i>

14:00-14:40	A review of free resources for processing and analyzing geospatial data <i>Айгуль Мименбаева and Тамара Жукабаева</i>	Overview of the method for choosing the most suitable database system according to certain criteria <i>Dias Yertay</i>	IT solutions for the oil and gas industry <i>Gulzhan Kosmbayeva, Lyazzatt Tastanova, Raigul Orynassar, Dinara Sultanova and Medet Zhanabayev</i>
14:00-14:40	MATHEMATICAL MODELING OF THE HEAT TRANSFER EQUATION IN THE PIPELINE <i>Bolatbek Rysbaiuly and Aigul Satybaldina</i>		Management Information System of main oil pipeline <i>Sabina Dairbayeva and Alipbay Dairbayev</i>
14:00-14:40			Assessment of Qualitative Characteristics of Project Risks <i>Galym Omarov, Yerlan Shildibekov, Aigul Omarova and Aida Tashtamysheva</i>
14:40-15:00	CLOSURE Vice-rector of Science and International Affairs Yevgeniya Daineko		