



**TASHKENT UNIVERSITY OF INFORMATION TECHNOLOGIES  
NAMED AFTER MUHAMMAD AL-KHWARIZMI**

# **ICISCT 2023**

**INTERNATIONAL CONFERENCE  
ON INFORMATION SCIENCE AND  
COMMUNICATIONS TECHNOLOGIES –  
APPLICATIONS, TRENDS AND  
OPPORTUNITIES**

## PREFACE

The 2023 IEEE and IFIP International Conference in central Asia on Information Science and Communications Technologies ICISCT 2023 invites high-quality recent research results in the areas of Home and Health networking, Electronic commerce, Mobility and Mobile Payment, Broadband access, satellite services, 5G in rural communications, cloud computing, Smart grids, Big data analysis, Cyber security, Internet-of-Things IOT, Mobile and Wireless Communications, optical communications and networking, architectures, protocols, planning and design, management and operation, simulation and performance modeling.

ICISCT2023 conference is the application of the next generation of information and communications technologies on Education, Telemedicine, Finance and Economy, Social Science, Business and Government.

ICISCT 2023 seeks to address and capture highly innovative and state of the art research and work in the area of information and communications technologies including wireless and Optical communications networks. The Authors can present their finding on wireless quality of service, resource management, Ad Hoc and sensor networks. Radio interface design, adaptive antennas and arrays and indoor propagation, measurement and predictions.

ICISCT 2023 is seeking papers in the area: Photonic devices and integration, Optoelectronic integration including devices and materials, Optical networks and transmission systems, Novel fibers and fiber-based devices, Transmission systems and networks, Photonics sensors and sensor networks, Microwave photonics and optical signal processing. Information science papers include knowledge that provides theoretical basis for information technology. It includes computer science, library science, artificial intelligence, mathematical programming, and theory of problem solving.

The main goal of the conference is to bring together scientists and engineers who work and teach in these specialized fields to submit papers and come together in this geographical location. ICISCT 2023 is sponsored and organized by IEEE Uzbekistan Regional Chapter and Tashkent University of Information Technologies TUIT and Technically Sponsored by IEEE Photonics Society <https://www.photonicsociety.org>

It is technically co-sponsored by Uzbekistan regional IEEE Communications society chapter and Ministry of Digital Technologies of the Republic of Uzbekistan.

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**ICIST 2023 Program Sep. 28, 2023 (Day-1)**

<b>Tashkent Time (GMT+5)</b>			<b>Conference Tracks</b>
<b>Start</b>	<b>End</b>	<b>Type</b>	Building - F (Room # 101)
			<b>Conference ID:</b> 425 631 6104
			<b>Pass Code:</b> RvaMA
<b>OPENING CEREMONY</b>			
10:00 AM	10:20 AM	<b>Welcome Words</b>	<p><b>Mr. Sherzod Shermatov,</b> Minister for Digital Technologies of the Republic of Uzbekistan</p> <p><b>Prof. Ibrokhim Abdurakhmonov,</b> Minister for the Higher Education, Science and Innovations of the Republic of Uzbekistan</p> <p><b>Prof. Bakhtiyor Makhkamov,</b> Rector of Tashkent University of Information Technologies named after Muhammad al-Khwarizmi, Uzbekistan</p>
<b>PLENARY SESSION</b>			
10:25 AM	10:40 AM	<b>Keynote Speakers</b>	<p>Prof. Mustafa ORDU. <b>BILKENT University, ANKARA, TURKEY</b></p> <p>TOPIC on “<b>Towards the Hollow-core Optical Fibers for telecommunication</b>”</p>
10:40 AM	10:55 AM		<p>Prof. Han SEUNGHEE, <b>KOOKMIN University, SEOUL, KOREA</b></p> <p>TOPIC on “<b>Digital Transformation with a Human Face</b>”</p>
10:55 AM	11:10 AM		<p>Prof. CHE ZALINA Zulkifli, <b>University Pendidikan Sultan Idris, TANJUNG MALIM, MALAYSIA</b></p> <p>TOPIC on “<b>IoT Blended AI Solutions in Green Technology</b>”</p>
11:10 AM	11:25 AM		<p>PhD. Khabibullo Nosirov. <b>Tashkent University of Information technologies named after Muhammad al-Khwarizmi, Uzbekistan</b></p>

			TOPIC on “Development of a Novel Model for Single Image Super Resolution using Deep Neural Network”
11:25 AM	11:40 AM		Sheng-Lung Huang National Taiwan University. TAIPEI, TAIWAN
11:40 AM	11:55 PM		TOPIC on “Deep learning empowered optical coherence tomography” Prof. Byoung Joon Kim, KOOKMIN University, SEOUL, KOREA
12:00 PM	2:00 PM	<b>Lunch Break</b> (Location: Building - F) Kitchen/Cafeteria	
<b>ICISCT 2023 Program (Sessions) Sep. 28, 2023 (Day-1)</b>			
<b>Start PM</b>	<b>End PM</b>	<b>Paper ID</b>	<b>Dr. Berdiyev Alisher</b> <b>Dr. Seungjik Lee</b>
<b>Building - F Session – 1</b> (Room# 302)		<b>NETWORKING &amp; IoT</b>	
<b>Conference ID: 425 631 6104</b> <b>Pass Code: RvaMA</b>			
2:00 PM	2:15 PM	52	<b>Muborak Yakubova, Sharafat Mirzakulova, Marat Rakhmatullaev, Daulet Naubetov, Magzhan Tursunkhanuly.</b> Analysis of energy consumption by terminal devices in the ZigBee network
2:15 PM	2:25 PM	59	<b>Mohd Yousuf, Abdul Wahid, Mohammed Yousuf Khan.</b> Student Attention Gauging in an E-learning platform using IoT
2:25 PM	2:35 PM	64	<b>Mahdi Ghafourivayghan, Adnan M. Taha, Abdullah Haidari, Mohammad Naser Fazel Rabi.</b> An optical waveguide as a Refractive Index sensing based on Coupled Cavity using T-stub

2:35 PM	2:45 PM	71	<b>Kuanysh Alipbayev, Yenglik Mellatova, Angsagan Kenzhegarayeva, Zhanna Suimenbayeva, Komil Tashev.</b> Analysis of the possibilities of using reflected radiation of ground-based radioelectronic devices from low-orbit Earth satellites	
2:45 PM	3:05 PM	97	<b>Anu Mangal, Rani Sahu, M A Rizvi.</b> Secure and Energy-efficient Zone-based Multipath Routing Protocol (SEZMRP) for Mobile Ad Hoc Networks.	
3:05 PM	3:15 PM	105	<b>Madiyar Seidullayev, Zarif Khudoykulov, Dilduza Makhmudova.</b> Blockchain and IoT: a systematic literature review based on three criteria (security, integration and databases).	
3:15 PM	3:25 PM	139	<b>Bagdat Kozhakhmetova, Beibit Karibayev, Katipa Chezhimbayeva, Dilmurod Davronbekov.</b> The Usage of Fractal Antennas in Wireless Communication Systems	
3:25 PM	3:35 PM	167	<b>Sherzod Gulomov, Mir-Xusan Kadirov, Sarvar Tashev.</b> The structure of tracking suspicious packets in network traffic	
3:35 PM	3:45 PM	171	<b>Alisher Shakhobiddinov.</b> 5G Networks and Issues of Reducing the Impact of Electromagnetic Radiation from Cellular Networks	
3:45 PM	3:55 PM	186	<b>Nietbay Uteuliev, Aymurat Orinbaev.</b> Modeling cost minimization in electrical power transmission networks.	
<b>4:00 PM</b>	<b>4:20 PM</b>	<b>Break</b>		
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4:30 PM	4:40 PM	237	<b>Dilshod Matkurbonov, Rustam Djurayev, Shukhrat Djabbarov.</b> Analysis of the availability indicators of the data transmission network with packet switching	
4:40 PM	4:50 PM	241	<b>Farkhat Rajabov.</b> Non-contact ultrasonic direct radiation method for measuring the water level in wells and boreholes	



4:50 PM	5:00 PM	262	<b>Nargiza Usmanova, Shukhrat Gulyamov, Dilshod Mirzayev, Farkhod Ergashev.</b> Conceptual Presentation of a Behavioral Interaction Model in Infocommunication Network Structures	
5:00 PM	5:10 PM	231	<b>Kuvonchbek Rakhimberdiev, Arzieva Jamila.</b> Application of random number generators in solving the problem of user authentication in blockchain systems	
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5:20 PM	5:30 PM	264	<b>Khudoyberdi Mamirov, Javokhir Nurmurodov, Bunyod Azimov.</b> Structure and algorithms that provide communication between software tools and bluetooth devices for fast transmission and reception of signals	
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5:40 PM	5:50 PM	284	<b>Damira Hodjaeva.</b> Technical capabilities of the internet of things in the management of water heating in the tank	
5:50 PM	6:00 PM	286	<b>Tashev Sarvar, Kushiev Bakhodir, Gulomov Sherzod.</b> Architecture for optimizing traffic filtering rules	
6:00 PM	6:10 PM	271	<b>Abror Ganiev, Muhiddin Abdukadyrov, Nodira Akhmedova, Sarvar Khalilov.</b> Solar cells based on GaAs/AlGaAs transparent to long-wave photons behind the edge of the absorption band.	
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<b>Start PM</b>	<b>End PM</b>	Paper ID	<b>Dr. Ibragim Atajanov</b> <b>Dr. Elmira Nazirova</b>	remarks
<b>Building - F Session – 2</b> <b>(Room# 402)</b>		<b>COMPUTER VISION</b>		
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			Creation of A Three-Dimensional Model of The Underground Layer Using Digital Processing of Signals Obtained From Field Geophysical Research	
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4:55 PM	5:05 PM	319	<b>Shavkat Fazilov, Khabiba Abdieva, Ozod Yusupov.</b> Image enhancement method using Hamacher t-conorm for breast cancer detection in mammograms	
5:05 PM	5:15 PM	256	<b>Khalilov Sirojiddin, Khamdamov Utkir, Umarov Mukhriddin, Naim Nadira, Omonullayeva Farangiza.</b> Human object detection from image using computer vision technologies	
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<b>5:25 PM</b>	<b>5:40 PM</b>	<b>Closing remarks</b>		
<b>Start PM</b>	<b>End PM</b>	Paper ID	<b>Dr. Sherzod Gulomov</b> <b>Dr. Durdona Ergasheva</b>	Remark
<b>Building - F Session – 3</b> <b>(Room # 502)</b>		<b>SECURITY</b>		
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<b>Pass Code: 2</b>				
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			The importance of test laboratories in ensuring cyber security of information resources and military objects	
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			New hardware-implemented stream encryption algorithm	
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<b>5:30 PM</b>	<b>5:45 PM</b>	<b>Closing remarks</b>		

**ICISCT 2023 Programme (Session) Sep. 29, 2023 (Day-2)**

Start AM	End AM	Paper ID	<b>Dr. Djumanov Jamoljon Xudoykulovich</b> <b>Dr. Rakhimov Mekhriddin Fazliddionovich</b>	Remark
<b>Building - F Session – 4</b> <b>(Room # 302)</b>		<b>COMPUTING</b>		
Conference ID: 425 631 6104 Pass Code: RvaMA				
10:00 AM	10:15 AM	98	<b>Gayrat Juraev, Ruhillo Alaev, Obidzhon Bozorov, Firdavs Muhammadiev.</b> Model and algorithm for controlling channels of confidential data leakage in computer systems	
10:15 AM	10:25 AM	35	<b>Qurbonali Nuriddinov, Asadulla Azizov.</b> Development and research of a mathematical model for monitoring the signal points of the railway run	
10:25 AM	10:35 AM	114	<b>Orif Allanov, Obid Mavlonov, Muhiddin Shakarov, Javokhir Abdurazzokov.</b> Enhanced Retransmission Steganography Algorithm with Its Stegoanalysis Methods	
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			technical processes	
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2:35 PM	2:45 PM	150	<b>Ilkhomjon Siddikov, Halimjon Khujamatov, Azizbek Temirov, Ernazar Reypnazarov, Shakhlo Khujamatova.</b> Application Of LoRa Technology For Hybrid Energy Supply System Based On Edge Computing	
2:45 PM	2:55 PM	229	<b>Malika Bakhadirovna, Sherzod Gulomov, Anvar Sulaymonov.</b> Calculation of the time characteristics of computing tools with considering device failure	
2:55 PM	3:05 PM	255	<b>Amin Saidov, Shukrullo Usmonov, Dadajon Saparov, Tolmas Ishniyazov, Makhmud Kalanov.</b> Structural features of epitaxial solid solution films (Si <sub>2</sub> ) <sub>1-x</sub> (GaN) <sub>x</sub> grown on Si substrates from the liquid phase	
3:05 PM	3:15 PM	273	<b>Elmurod Babadjanov, Akhram Nishanov, Batirbek Samandarov, Utkir Achilov.</b> Mathematical model of diagnosing diseases among cattle with multiple parameters	
<b>3:15 PM</b>	<b>3:30 PM</b>	<b>Break</b>		
3:30 PM	3:40 PM	290	<b>Sayfiddin Bakhramov, Sirojiddin Qobilov, Nilufar Tulyaganova.</b> Estimating the error of local interpolation spline functions in the class of w <sub>1</sub> [a <sub>1</sub> ,b <sub>1</sub> ] functions and creating a digital processing model of geophysical signals	
3:40 PM	3:50 PM	296	<b>Shakhzod Nazarov, Normaxmad Ravshanov, Erkin Nazarov.</b> Model and numerical algorithm for investigation of the transfer and diffusion of aerosol particles in the atmosphere taking into account the capture of particles by vegetation elements	
3:50 PM	4:00 PM	306	<b>Fakhriddin Nuraliev, Mahkam Artikbayev, Safarov Shohruh.</b> Mathematical modeling of the process of magnetelastic deformation of anisotropic plates in a thin complex form	
4:00 PM	4:10 PM	309	<b>Safarov Shohruh, Fakhriddin Nuraliev, Mahkam Artikbayev.</b> Mathematical modeling of nonlinear processes of electromagnetic elastic thin plates of complex configuration	
4:10 PM	4:20 PM	265	<b>Sokhibjon Botirov, Rustam Djuraeyev.</b> Impact of SDN technology on big data transfer in cloud infrastructure	
4:20 PM	4:30 PM	248	<b>Abror Buriboev, Djamshid Sultanov, Heung Seok Jeon.</b> Path planning algorithm for mobile robot exploration using distance parameter	
4:30 PM	4:40 PM	225	<b>Yolgondiev Kuanishbay, Arzieva Jamila, Kuvonchbek Rakhimberdiev.</b> The problem of membrane oscillations subjected to impulsive action at fixed times	

4:40 PM	4:55 PM	Closing remarks	
Start PM	End PM	Paper ID	Dr. Ruzibaev Ortik Dr. Buriboyev Abror
<b>Building - F Session – 5 (Room # 402)</b>		<b>AI &amp; DATA SCIENCE</b>	
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10:00 AM	10:15 AM	13	<b>Oydin Axmedova, Ulugbek Mardiyev.</b> A new probabilistic algorithm to check numbers for primality
10:15 AM	10:25 AM	26	<b>Erkaboy Samandarov.</b> Overview of The Educational Platform for Predicting and Classifying of Pupils' Knowledge Based on Artificial Intelligence
10:25 AM	10:35 AM	90	<b>Narzillo Mamatov.</b> Algorithms For Formation Of Features Of Speech Signals
10:35 AM	10:45 AM	72	<b>Sidikov Isamidin, Bekturdiyev Sanjarbek, Nashvandova Gulruxsor, Sodikova Shahnoza.</b> Synthesis of an optimal control system based on the minimum root-mean-square error criterion
10:45 AM	10:55 AM	76	<b>Atabek Atamuratov, Bahor Jabbarova, Eldor Xaitbayev, Dilshodbek Rajapov, Mahkam Khalilloev.</b> Comparative study of the self-heating effect in the accumulation and inversion mode FinFETs
10:55 AM	11:05 AM	87	<b>Elmurod Babadjanov, Bakhtiyorjon Akbaraliyev, Rashidjon Khaliqnazarov.</b> Design of a Dynamic Document Circulation System and its Structure
11:05 AM	11:15 AM	91	<b>Narzillo Mamatov.</b> Development of a National Scientific and Technical Information Analytical System
<b>11:15 AM</b>	<b>11:40 AM</b>	<b>Break</b>	
11:40 AM	11:50 AM	101	<b>Rustam Yakhshiboyev, Bahodir Muminov, Dilfuza Bababekova.</b> Development of a hardware-software complex based on machine learning for primary diagnostics
11:50 AM	12:00 PM	122	<b>Dilnoz Muhamediyeva, Lola Safarova, Nozir Tukhtamuradov.</b> Determination of optimal decision-making conditions for diagnostics of cattle diseases"



12:00 PM	12:10 PM	124	<b>Omonboy Khalmuratov, Pavel Cheremisin, Vlada Kugurakova, Ilya Tsivilskiy, Temur Turdiev.</b> Recognition of material extrusion artifacts in FDM printing based on neural networks	
12:10 PM	12:20 PM	172	<b>Bakhtiyor Makhkamov, Nazirjon Hasanov.</b> AI based optimal placement of caches in order to improve the efficiency of content delivery networks	
12:20 PM	12:30 PM	196	<b>Shohruh Begmatov, Mukhriddin Arabboev, Saidakmal Saydiakbarov, Mokhirjon Rikhsivoev, Khabibullo Nosirov.</b> Development of a Novel Model for Single Image Super Resolution using Deep Neural Network	
12:30 PM	12:40 PM	92	<b>Narzillo Mamatov.</b> Methods For Detecting Voice Activity In Speech Signals	
<b>12:40 PM</b>	<b>2:00 PM</b>	<b>Lunch Time</b>		
2:00 PM	2:10 PM	202	<b>Mukhriddin Arabboev, Shohruh Begmatov, Mokhirjon Rikhsivoev, Saidakmal Saydiakbarov, Jamoliddin Uraimov.</b> Gestational Diabetes Mellitus Risk Assessment Using Artificial Intelligence: A Review	
2:10 PM	2:20 PM	206	<b>Mukhriddin Arabboev, Shohruh Begmatov, Mokhirjon Rikhsivoev, Saidakmal Saydiakbarov, Khabibullo Nosirov.</b> Advances in pose estimation: techniques, applications, and challenges across domains	
2:20 PM	2:30 PM	280	<b>Hakimjon Zaynidinov, Sarvar Makhmudjanov, Modullayev Jahongir.</b> Algorithms and methods of insect detection through the ways of deep learning	
2:30 PM	2:40 PM	304	<b>Boburkhan Turaev, Kamoliddin Shukurov, Umidjon Khasanov, Shakhzod Javliev.</b> Context-based Automatic Correction for the Uzbek Language	
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3:00 PM	3:10 PM	247	<b>Abbos Begimov, Davlatyor Mengliev, Vladimir Barakhnin.</b> Temporal expression recognition in low resource settings: a rule-based approach for the Uzbek language	
<b>3:10 PM</b>	<b>3:25 PM</b>	<b>Break</b>		
3:35 PM	3:45 PM	259	<b>Yusuf Boriyev, Muzaffar Jafarov, Iskandar Olimov, Otabek Tursunov.</b>	

			Enhancing DDoS attack detection with an optimized random forest machine learning model	
2:45 PM	3:55 PM	293	<b>Boburkhan Turaev, Umidjon Khasanov, Shakhzod Javliev, Khurshid Turaev.</b> Solving the problems of normalization of non-standard words in the Uzbek language text	
3:55 PM	4:05 PM	295	<b>Abdivali Mukhamadiev, Ravshan Mukhammadiev.</b> Measure of compactness for analyse datasets	
4:05 PM	4:15 PM	299	<b>Fayzi Bekkamov.</b> Content based recommendation systems: an overview	
4:15 PM	4:25 PM	303	<b>Shohrux Madirimov, Vladimir Barakhnin, Davlatyor Mengliev.</b> The organization as a named entity: detection and tone analysis in Uzbek texts	
4:25 PM	4:35 PM	204	<b>Sukhrob Bobojanov, Byeong Man Kim, Mukhridin Arabboev, Shohruh Begmatov.</b> Wireless Signal Modulation Recognition Using 1DCNN with LSTM	
4:35 PM	4:45 PM	159	<b>Otabek Khujaev, Ortik Ruzibaev, Malika Doshanova.</b> Using machine learning algorithms to build a prediction model in sports	
4:45 PM	5:00 PM	<b>Closing remarks</b>		
<b>Start PM</b>	<b>End PM</b>	Paper ID	<b>Dr. Marat Raxmatullayev Dr. Kamoliddin Shukurov</b>	
<b>Building – F Session – 6 (Room # 502)</b>		<b>AMBIENT INTELLIGENCE</b>		
<b>Conference ID: 846 7670 4146 Pass Code: 2</b>				
10:00 AM	10:15 AM	3	<b>Jean Paul Enrique Lazo-Casas, Melissa Andrea Gonzales-Medina.</b> Impact of e-commerce on textile SMEs in Gamarra, La Victoria district - Lima, during the COVID-19 pandemic: an analysis in the Peruvian context	
10:15 AM	10:25 AM	55	<b>Holida Primova, Mahbuba Vaydullayeva, Sevara Nabiyeva.</b> The role of the patronage mobile application in the evaluation and analysis of the activity of medical information systems	
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10:35 AM	10:45 AM	67	<b>Atabek Atamuratov, Xidoyat Abdikarimov, Ahmad Yusupov, Azamat Abdikarimov, Eldor Xaitbayev.</b>	

			The influence of channel cross-section shape on the self-heating effect of gate-all-around MOSFET	
10:45 AM	10:55 AM	70	<b>Atabek Atamuratov, Xushnud Saparov, Ahmed Yusupov, Eldor Xaitbayev, Barno Allaberganova.</b> Self-heating effect and subthreshold slope at different oxide materials in 2D MoS <sub>2</sub> -based MOSFET	
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11:05 AM	11:15 AM	205	<b>Vladislav Kukartsev, Kirill Kravtsov, Daniel Ageev.</b> Development of an automated information system for the automation of activities related to digital goods	
11:15 AM	11:25 AM	208	<b>Ksenia Degtyareva, Oksana Igorevna Kukartse, Vadim Sergeevich Tynchenko.</b> Electronic grade book system	
<b>11:25 AM</b>	<b>11:50 AM</b>	<b>Break</b>		
11:50 AM	12:00 PM	209	<b>Ilya Kleshko, Daniel Ageev, Vadim Tynchenko.</b> Automated_amusement_park_information_system	
12:00 PM	12:10 PM	211	<b>Jobirbek Gulomov, Risbay Djuraev, Azizbek Temirov, Khayitmurod Jabborov, Nozima Atadjanova.</b> Analysis of Software Adapted to The Educational Process and Its Capabilities	
12:10 PM	12:20 PM	212	<b>Jobirbek Gulomov, Azizbek Temirov, Khayitmurod Jabborov, Feruza Mukhamadiyeva, Nozima Atadjanova.</b> Decision-Making Algorithms Based on Determining the Level of Student Knowledge	
12:20 PM	12:30 PM	218	<b>Abdulla Arifjanov, Muxiddin Saidov, Dildora Muhamediyeva.</b> Scientific And Technical Solutions Of Operational Expertise In Emergencies	
12:30 PM	12:40 PM	316	<b>Shokhrukhmirzo Kholdorov, Sanjar Mirzakhilov.</b> Spectral analysis of muscle activity - an experimental investigation	
12:40 PM	12:50 PM	120	<b>Jamshid Isroilov, Dilmurod Davronbekov, Zafar Khakimov, Shoakrom Shomakhudov.</b> Features of identifying mobile devices by IMEI code	
12:50 PM	1:00 PM	133	<b>Farrux Qodirov.</b> Econometric Modeling Of Medical Services In The Territories	
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2:00 PM	2:10 PM	158	<b>Ibroximjon Karimov, Mirzabahrom Foziljonov, Zuhra Atamuratova, Azamat Abdikarimov, Atabek Atamuratov.</b> Influence of the local oxide trapped charge to the gate-source (drain) capacitance of FinFET	
2:10 PM	2:20 PM	165	<b>Elena Borisova.</b> Improvement of the case method for the development of acceptable risk skills based on including the properties of interactivity on the theme "Recording and investigation of accidents in the work"	
2:20 PM	2:30 PM	169	<b>Kuvonchbek Rakhimberdiev, Bekiev Ashirmat, Arzieva Jamila, Arziev Ali.</b> Solving fourth-order partial differential equations and boundary problems in the modeling of technical and electronic devices	
2:30 PM	2:40 PM	224	<b>Dildora Muhamediyeva, Aziza Mirzaraxmedova, Muxiddin Saidov.</b> Intellectualization of fire risk management processes	
2:40 PM	2:50 PM	230	<b>Alexey Gladkov, Vladislav Kukartsev, Tatyana Solovyova.</b> Development of an automated system to improve the efficiency of the enterprise's operations	
2:50 PM	3:00 PM	236	<b>Gulbakyt Ansabekova, Ermek Sarsikev, Zhubanyshbai Abdimuratov, Dilmurod Davronbekov, Zhanat Manbetova.</b> Identification of short circuit types in electrical system elements	
3:00 PM	3:10 PM	246	<b>Vadim Tynchenko, Anna Glinscaya, Daria Shalaeva, Elena Suprun, Oksana Kukartseva.</b> Article "Development of a model of a cross-platform customer base management system"	
<b>3:10 PM</b>	<b>3:25 PM</b>	<b>Break</b>		
3:25 PM	3:35 PM	250	<b>Fotima Almiova.</b> Application of colored temporary petri nets for modeling the educational process	
3:35 PM	3:45 PM	254	<b>Saidakhrorkhon Nabiev, Saidakhon Nabieva.</b> Analysis and assessment of the sustainable development of fuel and energy complex enterprises in the conditions of the formation of the digital economy	
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4:25 PM	4:35 PM	307	<b>Yana Zhilkina, Pavel Suprun, Vadim Tynchenko.</b> Unleashing the potential of technology: enhancing efficiency and productivity in business operations	
<b>4:35 PM</b>	<b>4:50 PM</b>	<b>Closing remarks</b>		
<b>5:50 PM</b>	<b>7:00 PM</b>	<b>Day 2- Closing remarks</b>		

ICISCT 2023 Program Sep. 30, 2023 (Day-3)				
<b>Tashkent Time (GMT+5)</b>			<b>Conference Tracks</b>	
<b>Start</b>	<b>End</b>	<b>Type</b>	<b>Building - F (Room# 101)</b>	<b>Moderator</b>
10:00 AM	11:00 AM	Meeting	ICISCT-2023 Steering Committee And Key Members	
11:00 AM	12:00 PM	<i>Day 3: Awarding Ceremony and Closing remarks</i>		
12:00 PM	2:00 PM	Lunch Break (Block - F Kitchen/Cafeteria)		
2:00 PM	4:00 PM	Field trip		

### Conference venue address

Block – F, Tashkent University of Information Technologies named after Muhammad al-Khwarizmi (TUIT)

### Venue office address

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