

**Program of the XI International Conference on Computer Processing of
Turkic Languages “TurkLang 2023”**

Bukhara State University, Bukhara, Uzbekistan

Zoom link for on-line participation:

<https://us06web.zoom.us/j/4550541668?pwd=ZG1NYWFRMDVMSEZPTWZ0ZW55QU1SZz09>

Conference ID: 455 054 1668

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Tashkent time UTC+5

Day 1, October 20:

10:00-18:30 Section A

10:00-19:15 Section C

Day 2, October 21:

10:00-19:00 Section A

10:00-19:00 Section B

10:00-17:00 Section C

Day 3, October 22:

Excursion

October 20, section A

Tashkent time UTC +5					
10.00-10.30		Opening of the conference			
10.30-13.00		Plenary session		Co-Chairs:	
		Full name	Organization	City	Paper title
1	10.30-11.00	Obidzhon Khamidov	Bukhara State University	Bukhara, Uzbekistan	
2	11.00-11.30	Altynbek Sharipbay, Academician of the Academy of Pedagogical Sciences of the Republic of Kazakhstan	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	About the technology for creating Smart textbooks in Turkic languages (using the example of the Kazakh language)
3	11.30-12.00	Dzhavdet Suleymanov, Academician of the Academy of Sciences of the Republic of Tatarstan	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	Tatar language as a language of the cognitive system
4	12.00-12.30	Eshref Adali, professor	Istanbul Technical University	Istanbul, Türkiye	The logic of Turkish
Break					
13.30-17.15		Section: Linguistic models		Co-Chairs:	
		Full name	Organization	City	Paper title
1	13.30-13.45	Anna Dybo	Institute of Linguistics RAS	Moscow, Russia	Prohibitions on the compatibility of morphemes in the Khakass automatic morphological parser
		Vera Maltseva	Institute of Linguistics RAS	Moscow, Russia	
		Alexandra Sheimovich	Institute of Linguistics RAS	Moscow, Russia	
		Philip Krylov	ANO "Information Culture"	Moscow, Russia	
2	13.45-14.00	Denis Tokmashev	Tomsk State University	Tomsk, Russia	The vowel system in the southern dialects of the Altai language according to ultrasound data
		Valeria Lemskaya	Tomsk State University	Tomsk, Russia	
		N.V. Subbotina	Tomsk State University	Tomsk, Russia	
		M. E. Gorskikh	Tomsk State University	Tomsk, Russia	
3	14.00-14.15	Okila Abdullayeva	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	The problem of modeling linguistic syntactic patterns of word combinations in a sentence
4	14.15-14.30	Olga Fedorova	Lomonosov Moscow State University	Moscow, Russia	

		Sergei Tatevosov	Lomonosov Moscow State University	Moscow, Russia	Towards a formal model of Turkic nominal agreement: Evidence from Kумык
5	14.30-14.45	Sergei Tatevosov	Lomonosov Moscow State University	Moscow, Russia	On the scalar character of number neutrality
6	14.45-15.00	Annai Ellada	Tuvan Institute of Humanities and Applied Social and Economic Research under the Government of the Republic of Tuva	Kyzyl, Tyva, Russia	Inflectional paradigms of Russian borrowings in the Tuvan language ending in a consonant cluster
		Baylak Oorzhak	Tuvan Institute of Humanities and Applied Social and Economic Research under the Government of the Republic of Tuva	Kyzyl, Tyva, Russia	
		Choigan Ondar	Tuvan Institute of Humanities and Applied Social and Economic Research under the Government of the Republic of Tuva	Kyzyl, Tyva, Russia	
		Nachyn Mongush	Tuvan Institute of Humanities and Applied Social and Economic Research under the Government of the Republic of Tuva	Kyzyl, Tyva, Russia	
7	15.00-15.15	Dzhavdet Suleymanov	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	Lexical and grammatical structures of agglutinative languages for the development of new information processing technologies (on the example of the Tatar language)
		Rinat Gilmullin	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
		Ilnur Mukhametzyanov	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
		Alexander Fridman	Putilov Institute for Informatics and Mathematical Modeling of KSC RAS	Apatity, Russia	
8	15.15-15.30	Bahora Yunusova	Sharof Rashidov Samarkand State University	Samarkand, Uzbekistan	Combinatorial properties of lexical units
9	15.30-15.45	Dilbar Urinbayeva	National center for training teachers in new methods of Samarkand region,	Samarkand, Uzbekistan	Nonverbal components of communication in works of folklore
10	15.45-16.00	Bibigul Razakhova	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	

		Yenglik Kadyr	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	Review: "Intonation model for simple sentences in the Kazakh language for a Kazakh speech synthesizer.
		Aizhan Nazyrova	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
	16.00-16.15	Break			
11	16.15-16.30	Gulrux Xasanova	Samarkand State University of Veterinary Medicine, Animal husbandary and Biotechnology	Samarkand, Uzbekistan	Some considerations on nonverbal communication
12	16.30-16.45	Afruz Gurbanova	Institute of Information Technology	Baku, Azerbaijan	Dialectometry and the Azerbaijani language: problems, solutions and perspectives
		Mehriban Baghirova	Institute of Information Technology	Baku, Azerbaijan	
13	16.45-17.00	Manzura Abjalova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Implications of the syncretism phenomenon for linguistic ontology synsets
14	17.00-17.15	Ismayil Ismayilov	Institute for Space Research of Natural Resources of Azerbaijan National Aerospace Agency	Baku, Azerbaijan	An auxiliary method for assessing the degree of truthfulness of the etymologies of the Oghuz ethnonyms in the M. Kashgari list
	17.15-18.30	Section: Linguistic processors		Co-Chairs:	
		Full name	Organization	City	Paper title
1	17.15-17.30	Nicolás Cortegoso Vissio	Saint Petersburg State University	Saint Petersburg, Russia	A morphological transducer for Yakut language
		Victor Zakharov	Saint Petersburg State University	Saint Petersburg, Russia	
2	17.30-17.45	Elmira Nazirova	Tashkent University of IT named after Muhammad al-Khwarizmi	Tashkent, Uzbekistan	Morphological analysis of word formation in Uzbek, Karakalpak and Kyrgyz languages belonging to the Turkic languages family
		Nilufar Abdurakhmonova	National University of Uzbekistan named after Mirzo Ulugbek	Tashkent, Uzbekistan	
		Shakhnoza Abidova	Tashkent University of IT named after Muhammad al-Khwarizmi	Tashkent, Uzbekistan	
		Mamura Uzakova	Tashkent University of IT named after Muhammad al-Khwarizmi	Tashkent, Uzbekistan	
3	17.45-18.00	Gavril Torotoev	North-Eastern Federal University	Yakutsk, Sakha (Yakutia), Russia	

		Basil Bochkarev	Institute for Humanitarian Research and North Indigenous People Problems of Siberian Branch of the RAS	Yakutsk, Sakha (Yakutia), Russia	Morphonological analyzer of the Sakha language: experience of development and testing
4	18.00-18.15	Choigan Ondar	Tuvan Institute of Humanities and Applied Social and Economic Research under the Government of the Republic of Tuva	Kyzyl, Tyva, Russia	Development of a Tuvan spell checking system based on HunSpell
		Andrey Chemyshev	Mari Scientific Research Institute of Language, Literature and History named after V.M. Vasiliev	Yoshkar-Ola, Mari El, Russia	
		Genghis Khuurak	Tuvan Institute of Humanities and Applied Social and Economic Research under the Government of the Republic of Tuva	Kyzyl, Tyva, Russia	
5	18.15-18.30	Tashpolot Sadykov	Bishkek State University	Bishkek, Kyrgyzstan	Morphological analysis for collecting text data in the national corpora of the Kyrgyz language
		Timur Turatali	City Bank	Bishkek, Kyrgyzstan	
		Aida Turdubaeva	Kyrgyz State Technical University named after I.Razzakov	Bishkek, Kyrgyzstan	

October 20, section C

Tashkent time UTC +5					
10.00-19.15		Section: Philology		Co-Chairs:	
		Full name	Organization	City	Paper title
1	10.00-10.15	Abuzalova Mekhriniso Kadirovna	Bukhara State University	Bukhara, Uzbekistan	Individ va kommunikatsiya
		Avliyokulova Lola Bebutovna	Bukhara State University	Bukhara, Uzbekistan	
2	10.15-10.30	Abdinazimov Shamshetdin Nazhimovich	Karakalpak State University	Nukus, Karakalpakstan, Uzbekistan	Лексика орхонских памятников и её отражение в каракалпакском эпосе «қырқ қыз»
3	10.30-10.45	Abdurakhmanova Nargiza Nusratullaevna	Andijan State University	Andijan, Uzbekistan	Instruktiv diskursning lingvistik xususiyatlari va tarjima muammolari (ingliz va o'zbek tillarida)
4	10.45-11.00	Adizova Nilufar Istamovna	Bukhara State University	Bukhara, Uzbekistan	The place of linguistic-cultural units representing the uzbek mentality in the artistic text (On the example of the epics of the poet Erkin Vahidov)
5	11.00-11.15	Adizova Obodon Istamovna	Bukhara State University	Bukhara, Uzbekistan	Ertaklar bilan bog'liq janrlar haqida mulohazalar
6	11.15-11.30	Akhmetova Shoira Nematovna	Bukhara State University	Bukhara, Uzbekistan	The significance of memory in literary portrait
		Nazarova D.	Independent researcher		
7	11.30-11.45	Akhmadova Umidakhon Shavkat kizi	Bukhara State University	Bukhara, Uzbekistan	Perifrazalarning etno-hududiy, madaniy xususiyatlari
8	11.45-12.00	Amirkulova Zarina Azamat kizi	Bukhara State University	Bukhara, Uzbekistan	Xalq qo'shiqlari ohangida yaratilgan bolalar qo'shiqlari
9	12.00-12.15	Asadov Tolkin Khamroevich	Bukhara State University	Bukhara, Uzbekistan	Ravishga xos -ona affiksli so'zlarning lug'atlardagi ifodasi
10	12.15-12.30	Astanova Gulnora Amirovna	Bukhara State University	Bukhara, Uzbekistan	Learning arabic consonants by groups
11	12.30-12.45	Akhmedov Atouлло Rakhmatovich	Bukhara State University	Bukhara, Uzbekistan	O'zbek tili unlilar tizimida "o"lanish

12	12.45-13.00	Akhmedova Sevar Kudratulloevna	Bukhara State University	Bukhara, Uzbekistan	Pereyonimlar – onomastik birliklarning bir turi
	13.00-14.00	Break			
13	14.00-14.15	Bafoeva Nigora Azimovna	Bukhara State Pedagogical University	Bukhara, Uzbekistan	Abdulla qodiriyning “o‘tkan kunlar” asaridagi oykonimlar semantikasi
14	14.15-14.30	Bahronova Dilrabo	Uzbek State University of World Languages	Tashkent, Uzbekistan	
15		Virna Velazquez	State University in the State of Mexico	Mexico City, Mexico	Gender inequality and violence: a comparative analysis of korean and uzbek cultures
16	14.30-14.45	Bozorova Gulmira Zainiddinovna	Bukhara State University	Bukhara, Uzbekistan	O‘zbek tili tibbiyot terminologiyasi tarkibi
17	14.45-15.00	Bozorova Gulmira Zainiddinovna	Bukhara State University	Bukhara, Uzbekistan	Talmehning erkin vohidov she’rlaridagi badiiy vazifalari
18	15.00-15.15	Fattakhova D.	Bukhara State University	Bukhara, Uzbekistan	Some thoughts on teaching visual expressiveness of the uzbek language in russian-speaking group
19	15.15-15.30	Ishanzhanova Munosibkhon Saidakhmadovna	Andijan State Institute of Foreign Languages	Andijan, Uzbekistan	Realiyalar milliy madaniyatni anglatuvchi birlik sifatida
20	15.30-15.45	Shulieva Gulchekhra Toshpulatovna	Bukhara State University	Bukhara, Uzbekistan	Intonemes are representatives of the internal state of the communicant
21	15.45-16.00	Khamroeva Nafisa	Bukhara State University	Bukhara, Uzbekistan	The importance of pragmalinguistic features of language tasks in international communication
22	16.00-16.15	Zhamilova Bashorat Sattorovna	Bukhara State University	Bukhara, Uzbekistan	Эпистоляр публицистика ва мактуботнинг болалар асарларидаги бадий-композицион вазифалари
23	16.15-16.30	Zhumaeva Dilnoza Bakshulloevna	Navoi State Pedagogical Institute	Navoi, Uzbekistan	Linguistic culture uzbek culture
24	16.30-16.45	Zhumaeva Feruza Fakhriddinovna	Bukhara State Pedagogical University	Bukhara, Uzbekistan	Huquqiy ta’lim va uning o‘zbekiston hududida shakllanishi
25	16.45-17.00	Zhumaeva Marzhona Erkinovna	Bukhara State University	Bukhara, Uzbekistan	“Tuva” zoonimi ishtirok etgan maqollarda freymlar tadqiqi

26	17.00-17.15	Zhorakulova Mushtariy Abdumalik kizi	National University named after Mirzo Ulugbek	Tashkent, Uzbekistan	Zamonaviy lug'atchilik taraqqiyot bosqichlari
27	17.15-17.30	Kdirbaeva Ulzada Kairbaevna	Karakalpak State University	Nukus, Karakalpakstan, Uzbekistan	Qoraqalpoq qahramonlik dostonlari tilining o'rganilishi
28	17.30-17.45	Kilichev Bayramali Ergashovich	Bukhara State University	Bukhara, Uzbekistan	Ethnoonymy of bukhara
29	17.45-18.00	Kilichev Bayramali Ergashovich	Bukhara State University	Bukhara, Uzbekistan	"Temur malik" asaridagi gidronimlar
		Sharopova Ferangiz Nurmatovna	Bukhara State University	Bukhara, Uzbekistan	
30	18.00-18.15	Khalilova Rukhsora Raupovna	Bukhara State University	Bukhara, Uzbekistan	Main genres and features of virtual communication
31	18.15-18.30	Malikova Gozal	Bukhara State University	Bukhara, Uzbekistan	Fuqarolik jurnalistikasida til va uslub masalalari
		Sharofiddinova Mahtob	Bukhara State University	Bukhara, Uzbekistan	
32	18.30-18.45	Mardonova Sarvinoz Oripovna	Bukhara State University	Bukhara, Uzbekistan	Muhammad Yusuf she'riyatidagi ayrim muallif nutqi neologizmlarining ifodasi xususida
33	18.45-19.00	Murotova Ismigul Bobomirzaevna	Bukhara State University	Bukhara, Uzbekistan	Xalq og'zaki ijodida maktublar
34	19.00-19.15	Nazarova Nargiz	Andijan State University	Andijan, Uzbekistan	Konsept va noverbal fikrlash muommosi

October 21, section A

Tashkent time UTC +5					
10.00-14.45		Section: Corpus linguistics and corpus research		Co-Chairs:	
		Full name	Organization	City	Paper title
1	10.00-10.15	Aida Kasieva	Kyrgyz-Turkish Manas University	Bishkek, Kyrgyzstan	Issues of Kyrgyz syntactic annotation within the Universal Dependencies framework
		Gulnura Dzhumalieva	Kyrgyz-Turkish Manas University	Bishkek, Kyrgyzstan	
		Anna Thompson	Independent researcher	Leeds, UK	
		Murat JumashEFF	Independent researcher	Bishkek, Kyrgyzstan	
		Bermet Chontaeva	Tübingen University	Tübingen, Germany	
		Jonathan Washington	Swarthmore College	Swarthmore, USA	
2	10.15-10.30	Bulat Khakimov	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	Grammatical Error Annotation in Tatar Texts Using Corpus Management Tools
		Damir Mukhamedshin	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
		Sadykova Zilya	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
3	10.30-10.45	Ualsher Tukeyev	al-Farabi Kazakh National University	Almaty, Kazakhstan	Study of automatic generation of synthetic speech corpora of Turkic languages
		Zhandos Toleubekov	al-Farabi Kazakh National University	Almaty, Kazakhstan	
		Tolganay Balabekova	al-Farabi Kazakh National University	Almaty, Kazakhstan	
		Zhandos Zhumanov	al-Farabi Kazakh National University	Almaty, Kazakhstan	
		Bigeldi Temirkhanov	al-Farabi Kazakh National University	Almaty, Kazakhstan	
4	10.45-11.00	Damir Mukhamedshin	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	Corpus Data Management System Capabilities for Working with Crimean Tatar Language Corpus
		Bulat Khakimov	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
		Lenara Kubedinova	Institute of Applied Semiotics of TAS	Simferopol, Crimea, Russia	
5	11.00-11.15	Rinat Gilmullin	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	TatSC: The First Large Open-Source Speech Corpus for Tatar language

		Bulat Khakimov	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
		Mansur Galimov	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
6	11.15-11.30	Lilia Buskunbaeva	IHLL UFRC RAS	Ufa, Bashkortostan, Russia	Features of the dialect syntax of the Bashkir language (based on the material of the Textual base of the Dialectological Sub-fund of the Bashkir Language Machine Fund)
7	11.30-11.45	Jasur Isroilov	Namangan State University	Namangan, Uzbekistan	Analytical review on word sense disambiguation for Uzbek corpus
		Nilufar Abdurakhmonova	National University of Uzbekistan named after Mirzo Ulugbek	Tashkent, Uzbekistan	
8	11.45-12.00	Assem Shormakova	al-Farabi Kazakh National University	Almaty, Kazakhstan	Processing of unstructured data for the Kazakh language corpus
		Diana Rakhimova	al-Farabi Kazakh National University	Almaty, Kazakhstan	
9	12.00-12.15	Zinnur Sirazitdinov	IHLL UFRC RAS	Ufa, Bashkortostan, Russia	On structural-semantic modeling based on the material of corpus projects of the Bashkir language
10	12.15-12.30	Anita Ishmukhametova	IHLL UFRC RAS	Ufa, Bashkortostan, Russia	Functioning of foreign language pharmacophytonyms in the IFN database and in the oral subcorpus of the media
11	12.30-12.45	Manzura Abjalova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Creation of the author's corpus of Zakhiriddin Mukhammad Babur – period requirement
12	12.45-13.00	Julia Normanskaja	Institute of Linguistics RAS	Moscow, Russia	Possibility of analyzing the classification of dialects and languages on LingvoDoc (using the example of dialects of the northwestern dialect of the Bashkir language).
	13.00-14.00	Break			
13	14.00-14.15	Guli Toirova	Bukhara State University	Bukhara, Uzbekistan	Creation and importance of language corps in Uzbekistan

14	14.15-14.30	Qarshiyev Abduvali Berkinovich	Samarkand branch of the Tashkent UIT named after Muhammad al-Khorezmi	Samarkand, Uzbekistan	UZBEKCORPORA.UZ: Creation of a concordance and its analysis
		Karimov Suyun Amirovich	Samarkand State University	Samarkand, Uzbekistan	
		Tursunov Muhammadsolih Sadin og'li	Samarkand branch of the Tashkent UIT named after Muhammad al-Khorezmi	Samarkand, Uzbekistan	
15	14.30-14.45	Guli Toirova	Bukhara State University	Bukhara, Uzbekistan	Reflection in language corpora of anthroponymic units
	14.45-17.00	Section: Linguistic resources		Co-Chairs:	
		Full name	Organization	City	Paper title
1	14.45-15.00	Irina Nevskaya	Johann Wolfgang Goethe-Universität	Frankfurt, Germany	Database of sociolinguistic and linguistic data on Turkic ethnic groups of the Republic of Kazakhstan (project "Interaction of Turkic languages and cultures in post-Soviet Kazakhstan")
2	15.00-15.15	Dzhavdet Suleymanov	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	Knowledge Base of the "Turkic morpheme portal": status, prospects
		Ayrat Gatiatullin	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
		Nikolai Prokopyev	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
3	15.15-15.30	Ayaulym Sairanbekova	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	Database creation of political discourse in the Kazakh language
		Laura Orynbay	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
		Aru Ukenova	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
		Altynbek Sharipbay	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	

		Bibigul Razakhova	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
4	15.30-15.45	Madehur Ayupov	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	Russian-Tatar machine translator: preparation of data for filling the db of Russian-Tatar parallel texts
5	15.45-16.00	Altynbek Sharipbay	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	Thesaurus of mathematics in secondary schools in the Kazakh language
		Aitugan Alzhanov	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
		Sania Nariman	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
		Gulzhan Akhmetova	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
16.00-16.15		Break			
6	16.15-16.30	Manzura Abjalova	Tashkent University of IT named after Muhammad al-Khwarizmi	Tashkent, Uzbekistan	Resources of automatic text analysis systems
7	16.30-16.45	Mendi Ondar	Tuvan State University	Kyzyl, Tyva, Russia	Creation of an electronic educational resource "Water objects of Tuva"
		Aldynsai Taryma	Tuvan State University	Kyzyl, Tyva, Russia	
8	16.45-17.00	Rustam Burnashev	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	Designing of the expert system «DialectExpert» using geoinformation technologies
		Mansur Galimov	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	
9	17.00-17.15	Altynbek Sharipbay	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	Portal of IT resources to expand functions and improve the culture of the Kazakh language
		Gulmira Bekmanova	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
		Banu Yergesh	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
		Altanbek Zulkhazhav	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
		Assel Omarbekova	L. N. Gumilyov Eurasian national university	Astana, Kazakhstan	
		Assel Mukanova	Astana International University	Astana, Kazakhstan	

10	17.15-17.30	Aelita Salchak	Tuvan State University	Kyzyl, Tyva, Russia	Creation of a database of Buddhist texts of the Tsechenling Temple
		Arzhaana Khertek	Tuvan State University	Kyzyl, Tyva, Russia	
		Ulamsuren Tsetsegdar	Tuvan State University	Kyzyl, Tyva, Russia	
		Valentina Ondar	Tuvan State University	Kyzyl, Tyva, Russia	
		Kara-kys Saryglar	Tuvan State University	Kyzyl, Tyva, Russia	
	17.30-18.30	Section: Machine learning		Co-Chairs:	
		Full name	Organization	City	Paper title
1	17.30-17.45	Vladislav Karyukin	al-Farabi Kazakh National University	Almaty, Kazakhstan	The development of neural machine translation models for the Kazakh-Russian pair of languages
		Nilufar Abdurakhmonova	National University of Uzbekistan named after Mirzo Ulugbek	Tashkent, Uzbekistan	
2	17.45-18.00	Anna Lebedeva	Higher School of Economics University	Saint Petersburg, Russia	Application of the transfer learning approach to training machine translation model for the Russian-Khakas language pair
3	18.00-18.15	Viliuza Gafarova	Institute of Applied Semiotics of TAS	Kazan, Tatarstan, Russia	Named entity recognition based on deep learning methods for Tatar language
		Fail Gafarov	Kazan Federal University	Kazan, Tatarstan, Russia	
4	18.15-18.30	Diana Rakhimova	Institute of Information and Computing Technologies	Almaty, Kazakhstan	A synonym obtaining algorithm construction from medical texts for the Kazakh language
		Aidana Karibayeva	Institute of Information and Computing Technologies	Almaty, Kazakhstan	
		Yerkin Suleimenov	Institute of Information and Computing Technologies	Almaty, Kazakhstan	
	18.30-19.00	Closing of the conference			

October 21, section B

Tashkent time UTC +5					
10.00-11.00		Section: Learning Turkic and Foreign Languages		Co-Chairs:	
		Full name	Organization	City	Paper title
1	10.00-10.15	Cheynesh Sabina	Publishing House "Altai Bichik"	Gorno-Altaysk, Altai, Russia	Intelligent systems and technologies for teaching the Altai language
2	10.15-10.30	Aylanmaa Soyana	Tuvan State University	Kyzyl, Tyva, Russia	The mobile application "Tyvalap chugaalazhyyl" 'Let's talk in Tuvan'
3	10.30-10.45	Ai-kys Chuldum	Tuvan State University	Kyzyl, Tyva, Russia	Application of STEM technologies in training teachers of the Tuvan language
		Aldynsai Taryma	Tuvan State University	Kyzyl, Tyva, Russia	
4	10.45-11.00	Arzhana Mongush	Tuvan State University	Kyzyl, Tyva, Russia	Creation of the electronic resource "Tuvan National Clothes" and its educational potential
		Aldynsai Taryma	Tuvan State University	Kyzyl, Tyva, Russia	
11.00-13.00		Section: Linguistic technologies		Co-Chairs:	
		Full name	Organization	City	Paper title
1	11.00-11.30	Bakhtier Karimov		Tashkent, Uzbekistan	Mathematical model for calculating the norms of the ortaturk language as a model of linguistic development of the system of turkic languages
		Shoahmad Mutalov		Tashkent, Uzbekistan	
2	11.30-11.45	Nilufar Abdurakhmonova	National University of Uzbekistan named after Mirzo Ulugbek	Tashkent, Uzbekistan	BART-Based Uzbek NMT: Leveraging Multisource Data
		Adkham Zokhirov	MohirDev	Tashkent, Uzbekistan	
		Anvar Narzullayev	National University of Uzbekistan named after Mirzo Ulugbek	Tashkent, Uzbekistan	
3	11.45-12.00	Aziz Otemisov	Karakalpak State University	Nukus, Karakalpakstan, Uzbekistan	Modeling the Karakalpak verb group for the morphoanalysis stage

4	12.00-12.15	Tursunoy Yandasheva	National University of Uzbekistan named after Mirzo Ulugbek	Tashkent, Uzbekistan	Lexico-semantic implementation of the concept "beauty" in Uzbek and English electronic corpora
5	12.15-12.30	Bakhora Yunusova	Sharof Rashidov Samarkand State University	Samarkand, Uzbekistan	Combinatorial properties of lexical units
6	12.30-12.45	Suyun Karimov	Sharof Rashidov Samarkand State University	Samarkand, Uzbekistan	Practical results of the study of morphological combinations of nominal lemmas in language corpora
		Umirova Svetlana	Sharof Rashidov Samarkand State University	Samarkand, Uzbekistan	
		Bakhtier Kholmukhamedov	Sharof Rashidov Samarkand State University	Samarkand, Uzbekistan	
		Zhasurzhon Tirkashev	Sharof Rashidov Samarkand State University	Samarkand, Uzbekistan	
7	12.45-13.00	Nilufar Abdurakhmonova	Namangan State University	Namangan, Uzbekistan	Knowledge-based WSD approach in Uzbek language
		Jasur Isroilov	National University of Uzbekistan named after Mirzo Ulugbek	Tashkent, Uzbekistan	
13.00-14.00		Break			
14.00-16.00		Section: Linguistic technologies (continuation)		Co-Chairs:	
		Full name	Organization	City	Paper title
8	14.00-14.15	Nilufar Abdurakhmonova	National University of Uzbekistan named after Mirzo Ulugbek	Tashkent, Uzbekistan	Development of Uzbek-English bilingual program software on the basis of modelling of grammatical categories of verbs and morphological analysis for machine translation
		Elmira Nazirova	Tashkent University of IT named after Muhammad al-Khwarizmi	Tashkent, Uzbekistan	
		Kamola Usmonova	Tashkent University of IT named after Muhammad al-Khwarizmi	Tashkent, Uzbekistan	
9	14.15-14.30	Shahlo Hamroyeva	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Morphological analysis of adjectives in the Uzbek-English languages for "Aligner" software
		Noila Matyakubova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
		Adilbek Dauletov	Alfraganus University	Tashkent, Uzbekistan	

10	14.30-14.45	Botir Elov	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Fake news classification using morphological tags and n-grams
		Nizomaddin Xudayberganov	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
		Zilola Xusainova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
11	14.45-15.00	Botir Elov	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Methods of processing Uzbek language corpus texts Word2Vec, GloVe, ELMO, BERT
		Ruhillo Alayev	National University of Uzbekistan named after Mirzo Ulugbek	Tashkent, Uzbekistan	
		Zilola Xusainova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
		Aziz Yuldashev	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
12	15.00-15.15	Botir Elov	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Topic Modeling using SVD and NMF
		Aziz Yuldashev	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
		Narzillo Aloyev	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
13	15.15-15.30	Madinabonu Qodirova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	The practice of machine translation in the modern world: survey
14	15.30-15.45	Iqbola Xolmonova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Importance of aligner program for parallel corpora
15	15.45-16.00	Botir Elov	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	One-hot encoding and Bag-of-words methods in processing the Uzbek language corpus texts
		Shahlo Hamroyeva	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
		Noila Matyakubova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
		Umidjon Yodgorov	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
16.00-16.30		Break			

16.30-18.00		Section: Linguistic technologies (continuation)		Co-Chairs:	
		Full name	Organization	City	Paper title
16	16.30-16.45	Botir Elov	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Determining homonyms in the Uzbek language using the Lesk algorithm
		Xolisa Axmedova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
17	16.45-17.00	Mastura Primova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Text Data Mining
18	17.00-17.15	Manzura Abjalova	Tashkent University of IT named after Muhammad al-Khwarizmi	Tashkent, Uzbekistan	Creation of a linguistic database for Alisher Navoy authorship corpus
		Gulomova Nargiza	Navoi Innovation University	Tashkent, Uzbekistan	
19	17.15-17.30	Sayyora Ibragimova	Research Institute for the Development of DT and AI	Tashkent, Uzbekistan	Formation of the speech base of the Uzbek language
		Malika Abdullaeva	Tashkent University of IT named after Muhammad al-Khwarizmi	Tashkent, Uzbekistan	
20	17.30-17.45	Sahobat Allanazarova	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	Vocabulary-based sentiment analysis method
21	17.45-18.00	Botir Elov	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	NER: Methods for automatic detection of toponyms in texts in the Uzbek language
		Madina Samatboyeva	Tashkent SUULL named after Alisher Navoi	Tashkent, Uzbekistan	
18.00-18.30		Closing of the conference			

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Tashkent time UTC +5					
10.00-17.00		Section: Philology		Co-Chairs:	
		Full name	Organization	City	Paper title
1	10.00-10.15	Oraeva D.S.	Bukhara State University	Bukhara, Uzbekistan	Xalq she'riyatida gul so'zi asosida obrazlilikning vujudga keltirilishi
		Tshaeva M.Kh.	Bukhara State University	Bukhara, Uzbekistan	
2	10.15-10.30	Ochilova Nozima	Bukhara State University	Bukhara, Uzbekistan	Bolalar she'riyatida jonivorlar obrazining badiiy talqini (anvar obidjon she'rlari misolida)
3	10.30-10.45	Orokova Nafosat Yorievna	Bukhara State University	Bukhara, Uzbekistan	Rauf parfi ijodida hayvonot ramzlari
4	10.45-11.00	Quvvatova Dilrabo	Bukhara State University	Bukhara, Uzbekistan	Чўлпон шеъриятида табиат рамзлари
		Rakhima Sharipova	Navoi State Pedagogical Institute	Navoi, Uzbekistan	
5	11.00-11.15	Razhabov D.Z.	Bukhara State University	Bukhara, Uzbekistan	Etymological explanation of the phenomenon of song and the profession that denotes it
6	11.15-11.30	Razhabova Gozal Zarifovna	Bukhara State Pedagogical University	Bukhara, Uzbekistan	O'quvchilarda o'zbek musiqa folklori haqidagi tasavvurlarni shakllantirishning ijtimoiy-psixologik omillari
7	11.30-11.45	Rakhimov Muzaffar Muradivich	Bukhara State University	Bukhara, Uzbekistan	Genesis and development of the conception and the concept "road"
		Akhrorova Nigina Anvar kizi	Bukhara State University	Bukhara, Uzbekistan	
8	11.45-12.00	Rakhimova Mokhinabonu Abduhamid kizi	Национальный центр Самаркандской области обучения педагогов новым методикам	Samarkand, Uzbekistan	Образных приемов и поэтических фигур, характерных для текстов эссе
9	12.00-12.15	Safarova Nigora Okhunjonovna	Bukhara State Pedagogical University	Bukhara, Uzbekistan	O'zbek xalq latifalari
10	12.15-12.30	Safarova M.	Bukhara State University	Bukhara, Uzbekistan	M.Koshg'ariyning "devon" idagi ba'zi etnonimlar xususida
		Sattorova Z.	Bukhara State University	Bukhara, Uzbekistan	
11	12.30-12.45	Saidov Yokub Siddikovich	Bukhara State University	Bukhara, Uzbekistan	Yozuvlar taraqqiyotida boburning o'rne

12	12.45-13.00	Samandarova Gulnoz Yarashovna	Bukhara State University	Bukhara, Uzbekistan	"Hasharot" lmg asosida shakllangan o'zbek xalq paremalarining nazariy tadqiqi
13.00-14.00		Break			
13	14.00-14.15	Solizhonov Zhuraali Kamolinovich	Termiz State University	Termiz, Uzbekistan	J. K. Roulingning fantastik asarlaridagi antroponimlarning lingvo-perspektiv muammolari
14	14.15-14.30	Abdukodirova Shahista Tohir kizi	Bukhara State University	Bukhara, Uzbekistan	The pragmalinguistic features of coordinating conjunctions
15	14.30-14.45	Shakhabitdinova Shokhida Khoshimovna	Andijan State University	Andijan, Uzbekistan	Xususiy atamalar noxususiy diskurslarda
		Abdurakhmanova Madina Ulugbekovna	Andijan State University	Andijan, Uzbekistan	
16	14.45-15.00	Shirinova Mehriyo Shokirovna	Bukhara State University	Bukhara, Uzbekistan	Kino – linguistics as a branch of linguistics
17	15.00-15.15	Sobirova Dilnoza Rasulovna	Bukhara State University	Bukhara, Uzbekistan	Tibbiy reklama matnlarida so'z qo'llash bilan bog'liq ayrim mulohazalar
		Radjabkulieva Marzhona Anvarovna	Bukhara State University	Bukhara, Uzbekistan	
18	15.15-15.30	Toraeva Umriniso Rakhmatovna	Bukhara State University	Bukhara, Uzbekistan	Study of uzbek modern literature and world social-literary movement
19	15.30-15.45	Khairullaeva M.O.	Bukhara State University	Bukhara, Uzbekistan	Kishi nomi asosida shakllangan toponimlar (buxoro viloyat, vobkent tuman misolida)
		Sulaymanova Ogiloy	Bukhara State University	Bukhara, Uzbekistan	
20	15.45-16.00	Khairullaeva Gulasal	Bukhara State University	Bukhara, Uzbekistan	Linguistic semantics of modality
21	16.00-16.15	Khodzhieva Makhfirat Yusupovna	Bukhara State University	Bukhara, Uzbekistan	Shaxs tavsifli leksema va so'z birikmasi munosabati
22	16.15-16.30	Yuldasheva Dilorom Nigmatovna	Bukhara State University	Bukhara, Uzbekistan	Silence is a unity that reveals the inner states of a person
23	16.30-16.45	Yusupova Dildora Yunus kizi	Bukhara State University	Bukhara, Uzbekistan	Linguopoetics of halima khudoiberdieva's poetry and the ability to use the language capabilities of the uzbek language
24	16.45-17.00	Haydarov Shakhriyor Shukhrat ugli	Bukhara State University	Bukhara, Uzbekistan	Бўлажак муҳандисларни психологик саломатлигини таъминлашнинг педагогик-психологик детерминантлари