Report on the International Conference Seminar

Harnessing Artificial Intelligence for Inclusive Education:

A Scalable Model for the CAREC Region

October 2025

Shymkent, Kazakhstan

Disclaimer

This report documents the outcome of the CAREC Institute's Capacity Building Grant Program, which supported the International Conference Seminar titled "Harnessing Artificial Intelligence for Inclusive Education: A Scalable Model for the CAREC Region." This event was organized by South Kazakhstan Pedagogical University named after Ozbekali Zhanibekov and held from October 21-24, 2025, in Shymkent, Kazakhstan.

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INTERNATIONAL CONFERENCE-SEMINAR
HARNESSING ARTIFICIAL INTELLIGENCE FOR INCLUSIVE EDUCATION: A SCALABLE MODEL FOR THE CAREC REGION

This report provides an overview of the project implementation and outcomes delivered by South Kazakhstan Pedagogical University within the framework of the CAREC Institute Grant Agreement. It documents the organization and delivery of the international seminar-conference in Shymkent from October 21 to October 24, 2025, followed by a roundtable in Turkestan, and summarizes key results, participant engagement, session discussions, lessons learned, and recommendations for future activities.

1. General Information about the Event

The International Conference Seminar titled *Harnessing Artificial Intelligence for Inclusive Education: A Scalable Model for the CAREC Region* took place from 21 October to 24 October 2025 at South Kazakhstan Pedagogical University in the city of Shymkent, Republic of Kazakhstan. The event was organized by South Kazakhstan Pedagogical University in cooperation with the CAREC Institute.

The overall purpose of the event was to examine how artificial intelligence can support inclusive education across the CAREC region, to review global and regional practices, to strengthen professional capacity among faculty and doctoral students, and to develop a preliminary roadmap for coordinated regional action. The program was structured to offer academic discussions, practical workshops, policy dialogue and cultural exchange. The event was divided into four consecutive days, each with a specific focus:

1. **Scientific seminar for doctoral students and young researchers**
2. **Main conference day with expert presentations and policy discussion**
3. **Workshop seminar with international experts and group work**
4. **Academic visit to Turkestan and cultural program**

The total number of participants reached up to 300. This included university leadership, faculty members, and students from higher education institutions across the CAREC region; international experts from the USA and Europe; national experts in artificial intelligence and inclusive education; representatives of major Kazakhstani EdTech companies; faculty members and students of Zhanibekov University; and media representatives. In addition, up to 100 participants joined the event online, primarily from universities in Kazakhstan, with several participants from higher education institutions across the CAREC region.

2. Day One

Scientific Seminar for Young Researchers
21 October 2025

The first day was dedicated to an in depth scientific seminar aimed at doctoral students and young researchers. The purpose of this day was to introduce participants to current developments in programming education, the use of artificial intelligence in learning environments and modern teaching ecosystems.

The seminar was conducted by Professor Petr Saloun from Palacký University Olomouc, Czech Republic, an experienced international expert in computer science education. His session covered contemporary approaches to teaching Python programming, comparing cloud based environments and traditional desktop systems. He explained the advantages of cloud platforms such as accessibility, collaboration, cost efficiency and improved opportunities for learners who may not have access to advanced personal computers. The discussion also highlighted the value of traditional desktop environments for deeper technical training, advanced development and preparation for professional work.

Participants actively engaged in the conversation and asked questions about classroom application, budget planning, integration into doctoral research and potential use within Kazakhstan. The seminar set a strong academic foundation for the upcoming conference days and encouraged students to reflect on how artificial intelligence can influence teaching processes and the future of higher education.

Photo 1. Petr Saloun delivering a seminar on modern approaches to Python programming education

Photo 2. Doctoral students and teaching staff participating in the scientific seminar

3. Day Two
Main Conference Day
22 October 2025

The second day served as the central platform for international dialogue. It began with the reception of international guests, followed by a cultural performance by the university ensemble, which introduced participants to regional traditions and created a welcoming atmosphere.

Photo 3. Reception and welcoming of international experts upon arrival

Photo 4. Cultural performance by the university ensemble

Photo 5. Group photo of experts and Zhanibekov University representatives in front of the university monument

Photo 6. Informal networking between experts and participants during the morning reception

Photo 7. International experts providing interviews to local media representatives

After registration, coffee and networking, the official opening ceremony took place. University leadership and representatives from the CAREC Institute and the Ministry of Science and Higher Education (online) delivered welcoming remarks, underlining the importance of joint efforts to advance inclusive education through artificial intelligence.

Photo 8. Opening address by Zhanbol Zhilbayev, Vice Rector for Academic Affairs of Zhanibekov University

Photo 9. Opening remarks by Gulzhan Zharassova, Deputy Chairman of the Committee for Higher and Postgraduate Education of the MSHE of the RK

Photo 10. Opening remarks by Steven Hao Liu, Capacity Building Specialist, CAREC Institute

3.1 Expert Presentations and Thematic Sessions

Throughout the morning, international and national experts presented on a wide range of topics. Despite their different backgrounds, all speakers addressed a shared challenge: how to integrate artificial intelligence into education in a way that increases equity, supports teachers, enhances learning and reflects ethical principles.
The presentations included:

- **Strategic implementation of artificial intelligence in higher education**, including institutional regulations, staff development, ethical considerations and European policy frameworks.
- **Artificial intelligence for inclusive education**, with examples of personalized learning, support for learners with disabilities and technology assisted inclusion.
- **Data driven solutions for national education systems**, focusing on real time analytics, early risk identification and more efficient decision making.
- **Localized artificial intelligence models**, developed specifically for the Kazakh linguistic and cultural context.
- **Equity and inclusion policies across the European Higher Education Area**, including how digital tools and artificial intelligence can address access barriers.
- **Pedagogical adaptation to the era of artificial intelligence**, with emphasis on teacher roles, student agency and critical AI literacy.
- **Assistive technologies**, including Kazakh sign language recognition systems, tactile learning tools and navigation devices for visually impaired students.

• **EdTech solutions in Kazakhstan**, such as digital ecosystems for schools, business process automation platforms and inclusive learning tools.

This segment provided participants with a comprehensive overview of global experiences, ongoing national initiatives and emerging opportunities for the CAREC region.

Photos 11-12. General view of the conference hall with participants

Building on this thematic overview, the following section presents a more detailed summary of each expert contribution. The presentations are outlined individually to reflect the diversity of institutional perspectives, policy contexts and practical approaches to artificial intelligence in education, while highlighting their specific relevance to equity, inclusion and system level transformation.

1. **Diana-Maria Andone** – Politehnica University

   Dr. Andone focused on the strategic integration of artificial intelligence in higher education. She emphasized the university's longstanding commitment to multidisciplinary research and technological innovation, supported by partnerships with over 150 companies and 190 international institutions. Her presentation examined the transformative potential of AI in learning, while addressing challenges such as ethical use, academic integrity, and the need for comprehensive staff and student training. She outlined regulatory strategies, policy frameworks, and practical measures to ensure responsible AI adoption, highlighting that the focus should shift from whether AI can be used to how it can be effectively leveraged to develop self-sufficient, autonomous learners.

Photo 13. Keynote by Diana Andone on AI in Education

2. **Ana Skledar Matijević** – Institute for the Development of Education
   Ana Skledar Matijević discussed equity and inclusion in higher education within the European Higher Education Area. She highlighted the social challenges that hinder access for disadvantaged groups, including the COVID-19 pandemic, economic crises, and the digital divide. She outlined the Bologna Process's commitment to the social dimension by 2030 and presented targeted strategies based on the 2024 EHEA policy framework. Her presentation emphasized AI as a tool to support personalized learning, predictive analytics, and administrative management, ensuring that students with fewer opportunities receive tailored support. She concluded with a call for collaboration among public authorities, higher education institutions, and communities to embed equity and inclusion at the core of education policy.

Photo 14. Keynote by Ana Skeladar on equity and inclusion in higher education

3. **Younes Mourri** – LiveTech.AI
   Younes Mourri presented LiveTech.AI's data-driven solutions to address challenges in national education systems, with a particular focus on Kazakhstan and Central Asia. He discussed tools for real-time monitoring, early risk detection, and adaptive learning pathways for large student populations, addressing equity gaps between urban and rural schools. His session emphasized actionable interventions, scalable technological solutions, data security, and local capacity building. He highlighted how these innovations can enhance responsiveness, educational efficiency, and inclusivity while supporting

measurable learning outcomes and informed decision-making by education authorities.

Photo 15. Keynote by Younes Mourri on transforming education with AI

4. **Professor Simon Thompson** – University of Sussex
   Professor Thompson explored pedagogical strategies in the era of AI, emphasizing the need to adapt teaching methods to leverage emerging technologies effectively. He examined the evolution of digital tools and the concept of a post-digital educational environment, highlighting ethical and psychological considerations. Using frameworks such as TPACK, he advocated for a balance between technology, pedagogy, and content knowledge. His four guiding principles - maintaining expectations, fostering relational dynamics, practicing inclusivity, and promoting reflection were presented as essential for post-digital education. He stressed the importance of critical AI literacy for students and iterative, reflective integration of AI tools by educators.

Photo 16. Keynote by Simon Thompson on professional knowledge and pedagogies in the age of AI

5. **Nurzada Amangeldi** – SIGNBRIDGE
   Nurzada Amangeldi highlighted SIGNBRIDGE's work promoting Kazakh Sign Language (KSL) through AI and educational innovation. The project developed the first KSL database, using multimodal neural networks for gesture and lip movement recognition. SIGNBRIDGE created educational materials for children to support early literacy and social inclusion, while its APIs and technology integrations aim to expand accessibility and global recognition of KSL. The

presentation emphasized the importance of combining research, technology, and education to foster inclusivity and enhance communication for minority language communities in Kazakhstan.

Photo 17. Presentation of the SIGNBRIDGE project by Nurzada Amangeldi

6. **Atakan Varol** – Institute of Smart Systems and Artificial Intelligence (ISSAI), Nazarbayev University
   Atakan Varol discussed the development of localized Generative AI models tailored to the Kazakh linguistic and cultural context, citing projects such as KazLLM. He contrasted these with general AI applications, highlighting the need for culturally relevant solutions. His presentation covered ISSAI's research, infrastructure, and educational programs, including hands-on summer research initiatives for students. Varol stressed that AI should augment human intelligence, promote critical thinking and problem-solving, and be integrated responsibly into learning environments. He concluded with a call for collaboration to expand localized AI solutions in Kazakhstan's education system.

Photo 18. Keynote by Huseyin Atakan Varol on generative AI localization for education in Kazakhstan.

7. **Tatyana Sarsenova** – Bilim Group
   Tatyana Sarsenova presented Bilim Group's initiatives to promote equal access to education in Kazakhstan, addressing disparities such as the urban-rural divide, teacher shortages, and digital inequities. She described Bilim Group's digital ecosystem-BilimKids for early learning, OnlineMektep for curriculum-aligned

lessons, BilimUstaz for teacher development, and Kitap.kz for literacy promotion. The presentation highlighted the use of technology to enhance teacher competencies, automate administrative tasks, and deliver targeted educational content, demonstrating measurable impacts on learning outcomes and overall school performance.

Photo 19. Presentation by Tatyana Sarsenova on digital solutions for equal access to quality education by Bilim Group.

8. **Nurbek Yensebayev** – Public Association for Persons with Disabilities "SEZUAL" (online)
   Nurbek Yensebayev showcased innovative assistive technologies for visually impaired children, including electronic-tactile Braille tutoring devices, Braille music marks with mobile tutorials, and the SEZUAL Biolocator for sound-based navigation. He also presented exoskeletons and spinal health mechanisms for wheelchair users. Supported by collaboration with educators and companies such as Tengizchevroil, these technologies improve educational access, independence, and health outcomes, positioning Kazakhstan as a leader in practical assistive innovations.

Photo 20. Online presentation by Nurbek Yensebayev on assistive technologies supporting inclusive education and accessibility.

9. **Aigerim Barakova** – Documentolog (online)
   Aigerim Barakova highlighted Documentolog's AI-powered electronic document management solutions in Kazakhstan. She described the platform's capabilities in automating business processes, improving efficiency across HR, financial, and

administrative workflows, and providing AI-assisted task management. The mobile application enables remote document handling, secure approvals, and signing through Face ID. Her presentation illustrated how AI and no-code technologies can streamline administrative operations and enhance organizational productivity.

10. **Dilnoza Kholmuradova** – Inclusive Education, Uzbekistan (online)
    Dilnoza Kholmuradova presented Uzbekistan's approach to inclusive education, combining legal frameworks, teacher training, and AI integration. The government's Concept for the Development of Inclusive Education (2020–2025) provides a structured roadmap, complemented by initiatives like the Inclusive Education Laboratory. AI tools such as Eduten and Jalinga Studio are piloted to personalize learning and support teacher development. Kholmuradova highlighted Uzbekistan's model as a reference for neighboring Central Asian countries, emphasizing regional cooperation, strategic planning, and the use of technology to ensure accessible, high-quality education for all learners.

3.2 Policy Discussion and Roadmap Drafting

In the afternoon, the program transitioned from individual presentations to a focused expert level policy dialogue. A structured panel discussion was held with the participation of three international experts and the project leader. The discussion was based on a pre developed regional roadmap for the implementation of artificial intelligence in inclusive education.

During the session, the experts reviewed the proposed roadmap, confirmed its overall relevance and feasibility, and provided targeted recommendations aimed at improving clarity, sequencing of selected actions, and alignment with institutional and regional contexts.

The discussion addressed key thematic areas including institutional capacity building, regulatory and ethical considerations, teacher training, accessibility and infrastructure, data protection, and cross country cooperation within the CAREC region.

As a result, the roadmap underwent minor refinements and was validated by the participating experts. The revised version was finalized as an official project output and is attached to this report as a supporting document, providing a practical framework for subsequent implementation activities.

Photos 21-22. Roadmap panel discussion with international experts and the project leader.

4. Day Three

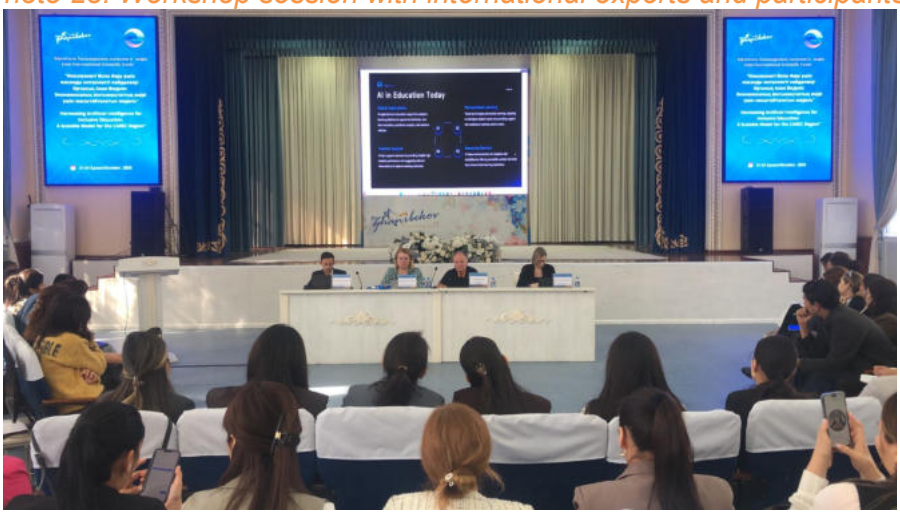
Workshop Seminar with International Experts
23 October 2025

The third day was designed as a practical working session for faculty members and doctoral students. The intention was to move from theory to hands on learning and to open space for deep interaction with the experts.

4.1 Morning Workshops

Four international experts (Younes Mourri, Ana Skledar Matijevic, Diana Andone and Petr Saloun) conducted workshops for faculty members and doctoral students. The sessions expanded upon key topics from the main conference, with deeper discussions on AI tools, ethical considerations, inclusive pedagogies, accessibility technologies and real world case studies. Participants engaged actively in question and answer exchanges, exploring challenges specific to Kazakhstan and the CAREC region.

Photo 23. Workshop session with international experts and participants.



4.2 Online Presentation and Question Session

Following the workshops, an online presentation was delivered by Umar Adam Ibrahim, Assistant Professor at SDU University, titled AI for Inclusive Education: A Scalable Model for the CAREC Region. The presentation introduced a structured and context sensitive framework for integrating artificial intelligence into inclusive education systems across the CAREC region, with particular attention to countries facing infrastructure constraints and resource limitations. The proposed model emphasized three interrelated pillars: resilient digital infrastructure, continuous teacher professional development, and collaborative learning ecosystems, supported by ethical governance mechanisms to ensure fairness, transparency, and data protection. Drawing on international case studies and regional examples, the speaker highlighted how AI driven tools such as adaptive learning platforms, assistive technologies, and data informed student support systems can reduce participation gaps and improve accessibility for learners with disabilities. The presentation also addressed potential risks related to algorithmic bias, privacy, and digital divides, underscoring the need for clear safeguards and monitoring mechanisms. After the presentation, a question session allowed participants to clarify practical concerns and discuss possible adaptation of the framework to Kazakh and Central Asian institutions.

Photo 24. Participants engaging in discussion during the question and answer session.

4.3 Group Work and Final Presentations

In the afternoon, following the expert presentations and question and answer session, participants took part in a structured group work designed to consolidate and assess their understanding of the key concepts discussed during the program. International experts prepared a set of thematic questions, which were displayed on screen and served as the basis for the exercise.

Participants were divided into small groups, each working on specific questions related to the practical application, ethical considerations, accessibility aspects, and institutional implications of artificial intelligence in inclusive education. The exercise aimed to encourage participants to reflect on the expert inputs and demonstrate their comprehension of the presented frameworks and approaches.

After the allocated preparation time, selected groups shared their responses, allowing experts to provide brief feedback and clarifications where necessary. The day concluded with a summary of key takeaways, a certificate awarding ceremony for participants and an official photo session.

Photo 25-27. Certificate awarding ceremony for participants

5. Day Four

Academic and Cultural Program in Turkestan
24 October 2025

The fourth day combined academic exchange with cultural engagement. Participants traveled to the city of Turkestan, an important historical and educational center of Kazakhstan.

5.1 Academic Meeting at a Local University

The program began with an academic round table where representatives of the local university presented their development strategy, research priorities and new infrastructure. As a young institution with only a few years of history, the university discussed its ambition to integrate artificial intelligence into future educational programs and to collaborate with institutions of the CAREC region.

Photo 28. Academic round table at International University of Tourism and Hospitality

5.2 Cultural Program

After the academic session, participants visited significant cultural heritage sites in the city of Turkestan. This part of the program allowed international guests to become familiar with Kazakh history and traditions while continuing informal discussions about collaboration and joint research.

In the evening, the delegation returned to Shymkent. The university team accompanied international guests to the airport for their departure.

Photos 29-30. International guests visiting cultural heritage sites in Turkestan as part of the cultural program.

6. Event Materials

All materials produced or used during the event are provided in original format, including:

- Program agenda
- Roadmap
- Conference proceedings
- Presentations by all international and national speakers
- Photos

7. Feedback and Trainees' Evaluation

Feedback was collected from faculty members and doctoral students participating in the workshops and expert sessions through facilitated discussions, question and answer sessions, and post session reflections. The evaluation focused on the relevance of the topics covered, the quality and clarity of expert contributions, the practical applicability of presented approaches, and the overall organization of the event.
Aggregated satisfaction levels indicated a very high level of positive assessment:

• Very satisfied: 90 percent
• Satisfied: 10 percent

Participants particularly valued the diversity of international expertise, the balance between conceptual and practical perspectives on artificial intelligence, and the focus on inclusive education and accessibility. High appreciation was expressed for sessions addressing ethical considerations, localized AI solutions, and real world case studies relevant to the CAREC region. Suggestions for improvement included requests for extended hands on workshops, deeper exploration of AI policy frameworks, and additional follow up activities to support implementation at the institutional level.

8. Key Lessons Learned

• Integrating international and regional expertise created a comprehensive and balanced perspective on artificial intelligence in inclusive education.
• Combining conceptual frameworks with practical case studies enhanced participants' understanding of real world implementation challenges.
• Structured expert led workshops and guided group exercises proved effective for consolidating learning outcomes.
• Ethical, regulatory, and accessibility considerations must be addressed alongside technological innovation from the early stages of AI adoption.
• Blended participation formats require flexible coordination but significantly expand regional outreach and inclusivity.
• Cultural and informal networking activities strengthened trust, dialogue, and prospects for future collaboration within the CAREC region.

9. Recommendations for Future Events

• Allocate additional time for hands on workshops and applied exercises focused on AI tools and inclusive teaching practices.
• Provide preparatory materials and concept notes to participants in advance to enable deeper engagement during sessions.
• Strengthen follow up mechanisms, including pilot initiatives, joint research activities, or regional working groups, to support implementation of discussed approaches.
• Expand participation from CAREC region universities and education authorities to further enhance regional policy dialogue.
• Integrate monitoring and evaluation components to assess medium term impact of capacity building activities related to AI and inclusion.

ROADMAP for the Implementation of Artificial Intelligence in Inclusive Education

№	Activity Title	Form of Completion	Outcome	Implementation Period	Responsible Units
1	Establishment of a tripartite (3 HEIs) working group on the introduction of AI in inclusive education	Order on establishing the joint working group	A list of experts trained/knowledge on AI in inclusion	January-March 2026	Department of Internationalization
2	Development of the draft “Roadmap” for adapting AI technologies for inclusive education	Draft of the Roadmap	Action plan with information, dates and implementation period	November 2025	Department of Internationalization
3	Design seminar on the AI-based inclusive education model (“AI in Inclusive Learning”)	Seminar materials and photo report	Seminar plan, repository of knowledge in “AI in Inclusive Learning”	April 2026	Department of Internationalization, Department of Special Pedagogy
4	Establishment of a research laboratory on inclusive education (AI Lab Inclusive Education)	Laboratory concept, opening act	In one year to introduce a model for pilot projects, research papers, students involved	September 2026 – March 2027	Department of Special Pedagogy
5	Conducting the “AI & Inclusion” summer school for faculty members	Certificates, methodological guide	Summer school syllabi, repository of knowledge in “AI in Inclusive Learning”	June 2026	Center for Continuing Education
6	Integration of AI elements into courses on digitalization of inclusive education (pilot courses)	Syllabi and courses integrated into LMS	Co-creation models with AI, flipped classroom with OERs, MOOCs – reused by other universities	September - December 2026	Department of Academic Affairs
7	AI-based analysis of data and emotional support system for students with special educational needs (pilot)	Pilot report on AI-based analysis system	Data ready to be used for initial pilots	January - June 2027	Department of Special Pedagogy, IT Department
8	Round table on “Inclusive Environment and AI Technologies”	Round table summary and package of recommendations	Validation of the models of pilots, co-create recommendations for AI in Inclusive learning, quality validation	October 2026	Department of Science, Department of Informatics
9	Testing of AI-based inclusive education (existing tools)	Pilot report, user feedback	AI in inclusive education evaluation rubric, models on integration in teaching materials	September - December 2027	Department of Science, Department of

			(AI Sign Language SignBridge model integrated in university education)		Informatics, Department of Science
10	International webinar “AI in Teacher Education”	International webinar materials	repository of knowledge in “AI in Inclusive Learning”	December 2026	Department of Internationalization, Departments of Pedagogy
11	Analysis of the quality of inclusive education programs and assessment of AI integration indicators	Monitoring report	Include AI in inclusive education evaluation rubric, structure of the repository, model of pilots, the AI group list and responsibilities, recommendations based on the evaluation and what to be the further steps	January - April 2027	Center for Quality Control and Knowledge Assessment
12	Workshop on developing AI-based teaching and assessment tools	Methodological guide, photo report	Guidelines for local/regional solutions on integrating AI in inclusion learning	May 2027	Department of Pedagogy, Department of Informatics
13	Regional seminar “Research–Development–Innovation (RDI)” for school teachers	Seminar program, certificates	Creating a network of trained teachers	March 2027	Department of Primary Education Methods Department of Pedagogy
14	Expansion of the activities of inclusive education (resource) centers	Report on resource centers, video materials	Expanding knowledge repository in “AI in Inclusive Learning” – possible integration as a Zenodo community	April-September 2027	Department of Psychology, Department of Pedagogy
15	Development of integrated “STEAM & AI” laboratory projects	Project reports, student research results	knowledge repository in “AI in Inclusive Learning”	September-December 2027	Faculty of Physics and Mathematics Faculty of Natural Sciences
16	Signing a memorandum on the transfer of inclusive education experience between universities	Memorandum among 3 HEIs	Full implementation and expanding the network	February-April 2028	Department of Internationalization, Department of Special Pedagogy
17	Final conference “Inclusive	Conference	knowledge repository in “AI in	May-June 2028	Department of

	Education and Artificial Intelligence: Transition to a National Model”	proceedings, resolution	Inclusive Learning”		Internationalization Department of Special Pedagogy Department of Informatics
18	Building and validating the “AI in inclusive learning” community	Community, list of experts, repository	Community linked with a knowledge repository with open access	September-December 2028	Department of Internationalization Department of Special Pedagogy Department of Informatics

South Kazakhstan Pedagogical University
named after Ozbekali Zhanibekov

PROGRAM
of the international event

"Harnessing Artificial Intelligence for Inclusive Education: A Scalable Model for the Central Asia Regional Economic Cooperation (CAREC) Region"

Dates: October 21–24, 2025

Shymkent, Kazakhstan

Organizers:

Moderator: Zhanbol Zhilbayev - Member of the Board, Vice-Rector for Academic Affairs

1. **Yerzhan Kerimbekov** - Member of the Board, Vice-Rector for Research and Innovation
2. **Perizat Abdurazova** - Director of the Internationalization Department
3. **Akbota Islam -** Head of the International Cooperation and Monitoring Office (CAREC Project Manager)
4. **Ruslan Barikulov** - Head of the Academic Excellence and Commercialization Center
5. **Togzhan Karkimbayeva** - Head of the International Programs Office
6. **Zhazira Seidualiyeva** - Head of the Academic Mobility Office

Participants:

1. International and National Experts in the Field of Artificial Intelligence and Inclusive Education:

- **Steven Hao Liu** – CAREC Institute, Capacity Building Specialist
- **Younes Bensouda Mourri** – Stanford University, Professor of AI, Founder of LiveTech.AI
- **Diana-Maria Andone** – Politehnica University of Timișoara, Director of the Digital Education and Distance Education Department
- **Ana Skledar Matijević** – Institute for the Development of Education, Croatia, Senior Expert for Higher Education Policy
- **Huseyin Atakan Varol** – Nazarbayev University, General Director of the Institute of Smart Systems and Artificial Intelligence (ISSAI)
- **Nurzada Amangeldi** – L.N. Gumilyov Eurasian National University, Researcher, Department of Artificial Intelligence Technologies
- **Simon Thompson** – University of Sussex, Deputy Pro-Vice-Chancellor International
- **Petr Šaloun** – Palacký University Olomouc, Associate Professor
- **Pang Wen (online)** – Xi'an International Studies University, Dean of the School of Artificial Intelligence, Faculty of Tourism
- **Dilnoza Kholmurodova (online)** – Tashkent State Pedagogical University named after Nizami, Vice-Rector for International Cooperation
- **Umar Adam Ibrahim (online)** – SDU University, Assistant Professor

2. Gulzhan Zharassova – Deputy Chairman of the Committee for Higher and Postgraduate Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan

3. Representatives of EdTech Companies:

- **Tatyana Sarsenova** – Product Manager, *"Bilim Group" LLP*
- **Nurbek Yensebayev (online)** – Founder of *"Sezual" Research Institute*, Scientist-Inventor, UN Award Laureate
- **Aigerim Barakova (online)** – Managing Director for Accounting, "*Documentolog" LLP*

4. Rectors, Vice-Rectors, and Faculty Members from CAREC region universities

5. Staff of Zhanibekov University and **Media Representatives**

TIME	TITLE OF THE EVENT	VENUE
TUESDAY 21 OCTOBER 2025		
16:50-17:40	Scientific Seminar for Young Researchers with Expert Petr Šaloun "Teaching Python Programming in the Modern Era: Cloud and Traditional Desktop Environments, the Use of AI in Programming and Other Pedagogical Processes"	**ROOM 236**
WEDNESDAY 22 OCTOBER 2025		
09:00-09:15	**Guest Reception**	**"Shanyrak" building**
09:15-09:30	Welcome performance by the Song and Dance Ensemble	**Foyer**
09:30-10:00	Participant registration Morning buffet	**Floor 3**
10:00-10:10	Opening Ceremony **Zhanbol Zhilbayev** Welcome Speech	**"Kazakhstan" Conference Hall**
10:10-10:20	• **Gulzhan Zharassova** Opening remark • **Mr. Steven (Hao) Liu** Opening remark	
10:20-10:40	Speeches from University Leaders of the CAREC Region • **Pang Wen** (online) Congratulatory speech • **Kholmurodova Dilnoza** (online) "Inclusive Education in Uzbekistan. Training of Pedagogical Personnel and Integration of Artificial Intelligence"	
10:40-11:00	**Diana-Maria Andone** "Artificial Intelligence in Education. Strategic perspectives"	
11:00-11:20	**Nurzada Amangeldi** "SIGNBRIDGE: Our Journey: From Science to Real Impact"	
11:20-11:40	**Younes Bensouda Mourri** "LiveTechAI – Transforming Education with AI. AI-powered solutions for Governments and Ministries of Education"	
11:40-12:00	**Huseyin Atakan Varol** "Localizing Generative AI for the Kazakhstani Context and Opportunities for Education"	

12:00-12:20	**Ana Skledar Matijević** "Reframing equity and inclusion in higher education in the age of AI"	
12:20-12:30	**Simon Thompson** "What professional knowledge and pedagogies do educators need for an age of artificial intelligence?"	
12:30-12:40	**Tatyana Sarsenova** "Bilim Group: Digital Solutions for Equal Access to Quality Education"	
12:40-12:50	**Nurbek Yensebayev** "Sezual Company"	
12:50-13:00	**Aigerim Barakova** "Documentolog AI Platform. Next-generation electronic document management with AI and no-code technologies"	
13:00-15:00	**LUNCH BREAK**	
15:00-16:30	Panel Discussion (Roadmap Discussion)	**Official hall**
16:30-17:00	Development of Policy Recommendations	
18:00-20:00	**EVENING DINNER**	
THURSDAY 23 OCTOBER 2025		
10:00-11:30	Workshop-Seminar for Teaching Staff and PhD Students with the participation of international experts (Younes Bensouda Mourri, Ana Skledar Matijević, Diana-Maria Andone, Petr Šaloun)	**Assembly hall "Kazakhstan"**
11:30-12:00	Online Seminar for PhD Students with AI expert Umar Adam Ibrahim	
12:00 -13:00	Q&A Session	
13:00-15:00	**LUNCH BREAK**	
15:00-17:00	Group Work with PhD Students on Adapting AI for Education	**Assembly hall «Kazakhstan»**
17:00-17:30	Summary and Certificate Award Ceremony	
18:00-20:00	**EVENING DINNER**	
FRIDAY 24 OCTOBER 2025		
08:00-18:00	Turkestan – a city with a great history (Trip to Turkestan)	**Turkestan**
10:00-12:00	Roundtable at International University of Tourism and Hospitality	
13:00-14:00	**LUNCH BREAK**	
12:00-16:00	Cultural program	
19:00	**Seeing Off**	**Shymkent Airport**