



ҚАЗАҚСТАН РЕСПУБЛИКАСЫ
ОҚУ-АҒАРУ МИНИСТРЛІГІ

ӨРЛЕУ

БІЛІКТІЛІКТІ АРТТЫРУ
ҰЛТТЫҚ ОРТАЛЫҒЫ



Program of the International Scientific
and Practical Conference

EDUCONTINUUM 2025

Strategies and Technologies for Continuous
Professional Development of Educators

Astana, Satbayev Street 2
L.N. Gumilyov Eurasian National University, Educational
and Administrative Building (Main Building)

September 12, 2025

SPEAKERS



Mir Tajik

Professor, Vice-Dean, Graduate School of Education, Nazarbayev University
Expert in educational leadership, school improvement, and educational change.



William Cope

Professor, Department of Education Policy, Organization and Leadership,
University of Illinois, USA
Expert in digital learning, educational transformation, and pedagogical innovation.



Thomas Harriott

Doctor of Education, Deputy Principal of Ifield Community College,
United Kingdom
Expert in educational leadership and collaborative learning in schools.



Thom Kiddle

Director, Norwich Institute for Language Education, United Kingdom
Expert in testing and assessment, educational technology integration, and the development of language teaching materials and methodologies.



Romeo Ramirez

Director of International Cooperation ISTE+ASCD, USA



Zhanat Nurbekova

Doctor of Pedagogical Sciences, leader of the scientific and technical program
of JSC NCPD "Orleu", research professor at Abai Kazakh National Pedagogical
University
Expert in teacher education and research on the quality of teacher training.



Alma Murzalinova

Doctor of Pedagogical Sciences, Professor, M. Kozybayev North
Kazakhstan University
Expert in educational research methodology and teachers' professional development.

Program of the International Scientific
and Practical Conference

**«EduContinuum 2025.
Strategies and Technologies for Continuous
Professional Development of Educators» ***

Date: September 12, 2025

Venue: Astana, Satbayev Street 2

L.N. Gumilyov Eurasian National University, Educational and Administrative
Building (Main Building)

September 12

09:00–10:00

Participant Registration

10:00–13:00

Offline

SECTION 1

(Assembly Hall)

Conditions and Mechanisms
of the Paradigm of Continuous
Professional Development of
Educators (CPDE)

Chair and Moderator:

Koishigulova L.E., Shugaeva G.K.

Online

SECTION 1

(Online)

Conditions and Mechanisms
of the Paradigm of Continuous
Professional Development of
Educators (CPDE)

Chair and Moderator:

Zhanzakova Sh.I., Mugauina G.O.

* This conference has been funded by the Committee of Science of the Ministry of Science and Higher Education of the Republic of Kazakhstan (Grant No. BR21882260).

OFFLINE

«Tutorship and Mentorship as Tools to Support Teachers' Continuous Professional Development»

Koishigulova Lyaila Erbulatovna

«Continuous Professional Development of Teachers as an Important Factor in Their Personal Growth and Professional Demand»

*Shugayeva Gulshat
Konratovna*

«Continuous Professional Development of Teachers as an Important Factor in Their Personal Growth and Professional Demand»

*Kurmangaziyeva Gulnara
Taskaliyevna*

«Directions, Current Issues, and Solutions in the Development of the Lifelong Learning System»

Nursultanova Gulzhan Zhanabayevna

«Conditions and Mechanisms of the Continuous Professional Development Paradigm for Geography Teachers»

Berdenova Meyramgul Temirserikovna

«Application of the Lesson Study Approach as a Tool for Teachers' Professional Development»

*Akhmetova Ayagul Nurabayevna,
Arinova Elena Tastanbekovna,
Yunatskaya Elena Viktorovna,
Yandolo Elena Nikolaevna*

«Mentorship Organization as an Effective Form of Interaction with Young Preschool Teachers»

Gordeeva Lyudmila Nikolaevna

ONLINE

«Emotional Burnout of Teachers: Causes and Prevention Strategies»

*Kashkenova Zaure
Turegalievna*

«Institutional and Psychological Factors Affecting Teachers' Professional Development»

Bekish Kundyzyay Khaitalikyzy

«Mentorship Organization as an Effective Form of Interaction with Young Preschool Teachers»

Bogoslavets Larisa Gennadiyevna

«Reimagining Professional Development in Kazakhstan: A Holistic Approach to Teacher Well-Being and Educational Reforms»

Nurzharkyn Samigolla

«Managerial Mechanisms for Forming the Paradigm of Teachers' Continuous Professional Development in Schools: From Theory to Practice»

Prakhnau Yuliya Viktorovna

«The Role of Coaching and Mentoring in the Paradigm of Lifelong Learning»

Ozbekova Nazerke Askarqyzy

«Individual Trajectory of Teachers' Professional Development: Personalization through the D.A.R.T. Module»

Aitkulova Gulshara Serikqyzy

«Strategies for Teachers' Professional Growth in the Context of Digital Education»

Konysbay Moldir Sultangalykyzy

OFFLINE

«Institutional and Methodological Opportunities for Teachers' Professional Development»

*Zhanabergenova Meyramgul
Sakidullayevna*

«Transformation of the Teacher's Professional Development Paradigm in the Context of Digital Transformation»

Nabi Tomiris Barikyzy

«Strategies for Continuous Professional Development of Primary School Teachers»

Karatalova Araylym Muratbekovna

«Continuous Professional Development as the Basis for Improving the Quality of Modern Education»

Rizabekkyzy Niyazkhan

ONLINE

«Continuous Professional Development of Primary School Teachers»

Aripova Salima Ibetulayevna

«Rethinking the Role of Language Teachers in the Paradigm of Continuous Professional Development»

*Togatay Madina Myrzabaykyzy,
Musakulova Alma Turdykulovna*

«Professional Portfolio as a Tool for Monitoring Teachers' Achievements in the System of Continuous Professional Development»

*Zakharova Ekaterina
Alexandrovna,
Ilyasov Aldiyar Zhumatayevich,
Akizhanov Erzhan Nurzhanovich*

«Paradigm of Continuous Professional Development: Strategic Vector of Modernizing Pedagogical Activity»

Sitnikova Olga Anatolyevna

«Mechanisms for Improving the System of Teachers' Professional Development in Educational Institutions»

Mirzakhmetova Dinara Daulenovna

«Personalization of Teachers' Continuous Professional Development: Methodology and Organization»

Taubayeva Madina Zhapanovna

«Teacher's Professional Competence in the Assessment System»

*Orynbassarova Gulzhanat
Nurghalykyzy*

«Online Learning and Distance Professional Development: Opportunities and Limitations»
Amangeldiyeva Dinara Askarqyzy

«The Role of Pedagogical Research and Innovation as Mechanisms of the Continuous Professional Development Paradigm»
Kazieva Nurgul Bagibergeronovna

«An Effective Method for Teachers' Continuous Professional Development: Lesson Study and the Culture of Reflection»
*Zhaikina Raigul Zhanabilovna,
Gubasheva Fariza Marksovnova,
Sarina Gainy Utesinovna, Zabyhanov
Mukhambet Makhsotuly*

«Methodological Association at School as a Platform for Teachers' Professional Growth»
*Kazakbayeva Gulzhazira
Kamardinovna*

«Continuous Professional Development of Chemistry Teachers: Conditions, Mechanisms, and Modern Opportunities»
Sagidullina Aizhan Nurzhanovna

«Specific Features of Organizing Literature Reading Lessons in Primary School through Critical Thinking Methods»
Nurgaliyeva Malika Aliyevna

«Modern Technologies in Teaching Chemistry»
Baymuratova Gulnaz Egizbayevna

«Priority Values in the Profession of Preschool Teachers»
Davydova Olga Ivanovna

«STEM as a Mechanism for Implementing CPD in Teachers' Practice»
Mirzaliyeva Elmira Beksultanovna

«Strategies and Conditions for Career Growth as an Element of Continuous Professional Development of Teachers in the System of Advanced Training»
Fazlayeva Albina Rinatovna

«Continuous Professional Development of Teachers in Kazakhstan and Other Countries: Comparative Analysis and Challenges»
*Kashkinbayeva Zamzagul
Zhanaydarovna*

10:00–13:00

Offline

SECTION 2

(Room 1)

Personalization of CPDE: Methodology and Organization

(including “Modeling Personalized Professional Development of Teachers in the Context of Lifelong Pedagogical Education”)

Chair and Moderator:
Murzalinova A.Zh., Zhakim A.

«Polymodality of Continuous Professional Development of Teachers within the Paradigm of Open Science»
Tregubova Tatyana Moiseevna

«The Interrelation Between Professional Training and Upbringing in the Open Space of Teacher Education»
Tryapitsyn Aleksandr Vyacheslavovich
(co-authored with Pisareva S.A., Tryapitsyna A.P.)

«Content of Teachers' Professional Development: From Training to Growth, From Design to Research»
Slesar Marionella Vasilievna (co-authored with Ashimbetova R.D.)

«Mechanisms of Feedback and Assessment in Teachers' Individual Trajectories of Continuous Professional Development»
Almagambetova Leyla Serikovna (co-authored with Imanova A.N.)

Online

SECTION 2

(Online)

Personalization of CPDE: Methodology and Organization

(including “Modeling Personalized Professional Development of Teachers in the Context of Lifelong Pedagogical Education”)

Chair and Moderator:
Karinov A.K., Imanova A.N

«Professional Adaptation of Young Teachers and the Use of Digital Resources: First-Year Experience in Teaching Kazakh Language and Literature»
Ililyan Zhanel Khasenkyzy

«Professional Competence and Autonomy: Strategies to Support Teachers' Development»
Bolatov Nurtilek Turgaliuly

«Digitalization of Continuous Professional Development in a Personalized Context: Opportunities of LMS»
Shpigar Natalia Nikolaevna

«The Role of the Reflective Approach in Personalizing Teachers' Professional Development»
Aitkali Aksholpan Kusiyyinkyzy

OFFLINE

«Shaping Teachers' Own Pathways in Continuous Professional Development: Opportunities and Challenges»

Galym Kuanyshbek Ibragimuly

«Effectiveness of Using New Methods and Techniques in Managing the Educational Process»

*Shakhmanova Adigul,
Raeva Oksana Khakimovna*

«The Importance of Enhancing the Professional Competence and Motivation of Young Teachers»

Kulzhanova Gulnar Nusipbaiqyzy

«Personalizing Teachers' Professional Development Through Artificial Intelligence Technologies»

Kuzenbai Tolganai Muratqyzy

«Establishing Links Between Mathematical Knowledge and Real Life Using Visual Tools»

Berdimuratova Aigul Akhmatovna

«Facilitation as a Mechanism for Personalizing Teachers' Continuous Professional Development in the Context of a New Educational Paradigm»

Kintsel Aleksandr Yevgenyevich

ONLINE

«Pedagogical Effectiveness of Teaching the Elective Course 'Green Chemistry' in Vocational Education»

Saduakas Zhansaya Altynbekkyzy

10:00-13:00

Offline

SECTION 3-4

(Room 2)

Methodological Support
for Post-Course CPDE

Chair and Moderator:

Meyrkulova A.B.

«Factors of Effectiveness in Post-Course Teacher Support»

*Zhetpisbayeva Meiramgul
Asylbekovna*

«Identifying Teachers' Professional Challenges During Post-Course Support»

Kushnir Marina Petrovna

«Assessing the Impact of Methodological Associations on Teacher Development»

Bayarystanova Zhuldyz Azhibekovna

«Post-Course Support as a Key Factor in Teachers' Professional Development»

*Izmukhanbetova Sofya
Salakhidenovna*

«The Effectiveness of Microlearning and Webinars in Post-Course Training of Secondary Education Teachers»

Zhandildinov Medet Kurmangazievich
«Organizing Methodological Work in the System of Teachers' Professional Development»
Maibassova Umit Amandykovna

Online

SECTION 3-4

(Online)

Methodological Support
for Post-Course CPDE

Chair and Moderator:

Mukanova S.D., Zhumanova G.S.

“Individual Educational Path as a Tool for Teachers' Continuous Professional Development”

Dyomysheva Alina Stanislavovna

Modern Approaches to the
Assessment of CPD Initiatives

Chair:

Shekerbekova Sh.T.

«Analysis and Classification of Tools for Assessing the Effectiveness of CPD in the Education System»

Oshanova Nurzhamal Turashovna

«Micro-Credentials for Teachers: Experience of Assessment and Recognition»

Yessenbayev Abylai Darkhanuly

«Digital Assessment Tools and the Development of Teachers' Professionalism»

Karaulova Gulden Anuarkyzy

«Digital Assessment Tools: Opportunities and Challenges»

Tlegenova Bagdagul Nurullayevna

Modern Approaches to the Evaluation of CPDE Educational Initiatives

Chair and Moderator:

Sagimbayeva A.E., Isabayeva D.N.

«Criteria and Methods for Assessing the Effectiveness of the Continuous Professional Development System for Teachers»

Sagimbayeva Aynur Yesengazyevna

«An Algorithm for Assessing the Effectiveness of the Teachers' Continuous Professional Development System»

Shekerbekova Shyrin Tileubergenovna

«Evaluating the Effectiveness of the Educational Environment as a Factor in the Formation of Teachers' Professional Competencies»

Isabayeva Darazha Nagashybayevna

«Modern Approaches to Evaluating Educational Initiatives for Teachers' Continuous Professional Development»

Aktai Zhanerke Maratqyzy

«Data-Driven Decision-Making in Assessing Teachers' Professional Development: Modern Approaches and Tools»

Zhanpeisova Aisulu Kungabylqyzy

«Value-Based Evaluation: From Outcomes to the Individual»

Zhauynbai Akmaral Alibekqyzy

10:00–13:00

Offline

SECTION 5-6

(Room 3)

Reference Architecture of the
CPDE Ecosystem

Chair and Moderator:

Dosymbek D.M.

**“Designing a Digital Ecosystem for
Teacher Development Using TOGAF and
Domain-Driven Design”**

Dosymbek Dauren Maratuly

“CPDT Data Layer Design”

Dosymbek Dauren Maratuly,

Besheev Daulet Maratuly

**“Designing a Reference Architecture
for Teachers’ Professional Development
Based on EdTech Solutions”**

Bekzhanova Akniyet Bekzhanqyzy

**“Designing the Architecture of a
Professional Development Ecosystem
at the Level of Educational Institutions:
Leadership and Data-Driven Solutions”**

Zhumatai Nurshash Nietzhanqyzy

**“Strategic Initiatives Transforming the
Organizational Culture of the Regional
CPDE System”**

Musabekova Gulvira Aidarkhanovna

Online

SECTION 5-6

(Online)

Reference Architecture of the
CPDE Ecosystem

Chair and Moderator:

Zhaksylykov A.E.

**«Strategic Initiatives Transforming the
Organizational Culture of the Regional
CPD System for Teachers»**

*Abilova Aigul Bulatovna, Shevchenko
Svetlana Mikhailovna*

**«Open Educational Resources (OER)
and Cross-Platform Integration for
Teachers’ Continuous Professional
Development»**

Taizhanova Aralgul Makhsutkalykyzy

**«Graph Analysis as a Tool for
Systematizing Professional
Development Tasks for Early-Career
Teachers»**

Kabdirova Ainagul Amangeldinovna

OFFLINE

Professional Network of Facilitators: Strategies and Digital Solutions

Chair and Moderator:

Saparova G.S., Sembayev T.M.

«Electronic Support for Students' Summative Assessment in Biology Classes»

*Saparova Gulnara Sikimbaevna,
Medetova Assel Medetovna*

«Web System of the Professional Facilitator Network for CPDE: Digital Transformation of Interaction»

*Baigusheva Kanagat Mubarakovna,
Sembayev Talgat Mukhametkanovich,
Shaimerdenova Tolganai Kanatovna*

«Image Search Module in a Digital Facilitator Network System: Architecture, Algorithms and Implementation»

*Bayan Talgar, Galy Makhmud
Mustafabek, Ziyashev Aibek*

«Facilitation Competence as a Strategy for Effective Professional Interaction of Teachers»

Abisheva Sholpan Shakarimovna

«Developing Facilitator Teacher Networks: Digital Approaches for Rural Schools in Kazakhstan»

*Lapaeva Pakiza Ibragimovna,
Muradova Nigarhanum Ibragimovna*

«Inclusive Education Practices in a Secondary School in Tajikistan»

Mavluda Zulfova

ONLINE

Professional Network of Facilitators: Strategies and Digital Solutions

Moderator:

Shaimerdenova T.K.

«The Role of EdTech Tools in Teachers' Professional Development: Current Trends and Practices»

*Zabykhanov Mukhambet Makhsotuly,
Kuanysheva Assel Zhumabaykyzy,
Yesengaliyeva Zhanar
Nurmukhankyzy*

«Specifics of Managing a Teaching Team in the Context of Continuous Professional Education»

Dosanova Roza Sapargaliyevna

OFFLINE

«Digital Literacy of Facilitators as a Tool for Effective Performance in Professional Networks»

Abuova Meruert Abitaevna

«Methodological Support for Teachers Based on Artificial Intelligence and Learning Analytics»

Yedilbek Baktygul Yerkinbekqyzy

«Facilitator Networks: An Effective Model and Digital Solutions for Supporting Professional Development»

Yeshpanova Zamzagül Sattigaliqyzy

«The Role of Facilitators in Teachers' Continuous Professional Development: Analyzing Barriers and Success Factors in Creating Digital Educational Content»

*Kairbayeva Aizhan Kumarqyzy,
Ospanova Nazira Nurgazikyzy, Akanova*

*Akerke Saparovna, Kuanysheva
Raushan Sailauovna, Tokzhigitova
Nurgul Kairbayevna*

«Professional Facilitation as a Tool for Developing Functional Literacy in English Lessons: Digital Solutions and Work with Discontinuous Texts»

Kintsel Natalya Vasilievna

«Digital Transformation in Music Education: Developing Original Media Content with AI»

Kalybek Gulhan Kalybekqyzy

«Approaches to Integrating Artificial Intelligence into the Educational Environment for Identifying and Developing In-Demand Competencies of IT Specialists»

Naimanova Dinara Sakenovna

Offline (10:00-11:00)

The impact of assessment on the professional development of teachers

(The study was funded by the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan, No. AP19679296)

(Room 4)

Moderator: Zhumykbayeva A.K.

Presentation of methodological recommendations: «Certification and professional development: building a teacher's development trajectory»

Presentation of the course program:

«Professional growth and development: from teacher to master»

Musarova V.A., Yesingeldinov B.T., Vildanova S.A.

13:00-14:00 LUNCH BREAK

14:00-17:00
PLENARY SESSION
(Assembly Hall)

14:00-14:15

Opening ceremony

Mayra Meldibekova,

First Vice Minister of Education of the Republic of Kazakhstan

Aidana Shilibekova,

Chair of the Board, "Orleu" National Center for Professional Training JSC

14:15-14:35

«Next-Generation Digital Pedagogy: Synthesizing EduContinuum and AI within the Educational Ecosystem»

Zhanat Nurbekova,

Doctor of Pedagogical Sciences, leader of the scientific and technical program

of JSC NCPD «Orleu», research professor at Abai Kazakh National Pedagogical University

14:40-15:10

«Leading to Learn: How effective leadership drives continuous professional development of educators»

Mir Afzal Tajik,

PhD, Professor, Graduate School of Education, Nazarbayev University.

15:10-15:30

«Generative AI for Education: Implications and Applications» (online)

William Cope,

PhD, Professor, Department of Educational Policy, University of Illinois, USA

15:30–16:00

Key Teacher Competences in the 2020s

Thom Kiddle,

Director of Norwich Institute for Language Education, UK

16:00–16:20

«Designing a coherent approach to in-service, school-based CPD; a case study from the UK» (online)

Thomas Harriott,

PhD, Deputy Principal of Ifield Community College, UK

16:20–16:40

«The Concept of Personalized Teacher Development Based on the Verification of Learning Formats: Advantages and Success Factors of Implementation»

Alma Murzalinova,

Doctor of Pedagogical Sciences, Professor, M. Kozybayev North Kazakhstan University

16:40–17:00

«Aligning Teacher Training with Technological Advances in AI-Enhanced Education» (online)

Romeo Romirez,

Director of International Cooperation ISTE+ASCD, USA

17:00

**PRESENTATION OF MONOGRAPHS / SCIENTIFIC WORKS
CLOSING CEREMONY**

