

11-12  
November  
2021



XII International Research-to-Practice Conference  
Nazarbayev Intellectual Schools AEO



# FAMILY, SCHOOL AND COMMUNITY: THINKING AND ACTING FOR A CHILD



Online

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## PROGRAMME

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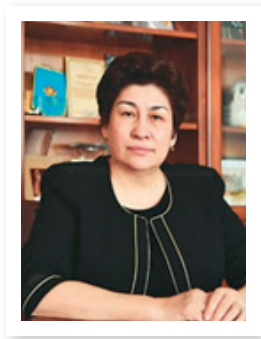


## PREVIOUS CONFERENCES:

XI	2019	Teachers Changing the World of Schooling
X	2018	Next Generation Schools
IX	2017	Values, Wellbeing and Innovation for the Future of Education
VIII	2016	Taking Change to Scale in Education
VII	2015	Education: Research and Sustainable Development
VI	2014	Education Policy, Practice and Research
V	2013	Excellence and Leadership in Education
IV	2012	Professional Development of Teachers
III	2012	School Leadership and Excellence
II	2012	Secondary Education Curriculum: Traditions and Changes
I	2011	Teacher Professional Development: Traditions and Changes



## CONFERENCE SPEAKERS



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**Kulyash Shamshidinova**

Chairperson of the Executive Board,  
Nazarbayev Intellectual Schools AEO,  
Kazakhstan

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**Andy Hargreaves**

Director of CHENINE at the University of  
Ottawa, Canada

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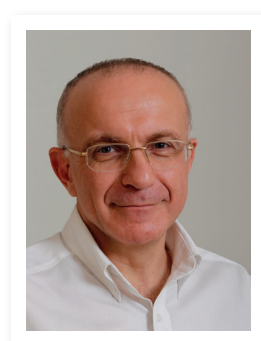


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**Mikhail Kazinik**

Culture expert, musician and writer, Sweden

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**Isak Froumin**

Member of the Academic Council, head  
of Higher School of Economics Institute of  
Education, Russia

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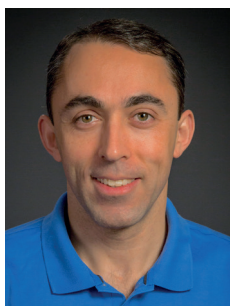
**Pak Tee Ng**

Professor at the Nanyang Technological  
University National Institute of Education,  
Singapore

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## CONFERENCE SPEAKERS



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**Yigal Rosen**

Project Director of PISA 2021 Creative Thinking Assessment, postdoctoral fellow at Harvard University, USA

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**Andreas Schleicher**

Director for Education and Skills, OECD

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**Kati Tiainen**

Director of K12 Education EMEA, Microsoft's Worldwide Education organization, Finland

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**Mary Jean Gallagher**

Founder and CEO, M.J. Gallagher and Associates, Canada

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**Arthur van Diesen**

UNICEF Representative in Kazakhstan

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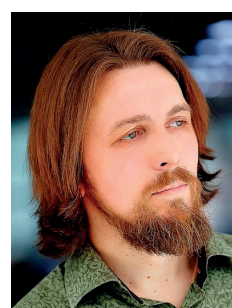
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**Eric Sheninger**

Digital Leadership Expert, International Centre for Leadership in Education, USA

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**Andrey Komissarov**

Head of «Data-based Development», 20.35 University, Russia

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**Dominic Wyse**  
President of the British Educational Research  
Association, UK

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**Esther Wojcicki**  
Journalist, educator, «Godmother of Silicon  
Valley», USA

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**Darius Radkevičius**  
Vilnius City Council deputy, member of the  
Education and Culture Committee, Lithuania

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**Romy Noordhof**  
Cito Lab, Netherlands

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**Anar Uteshova**  
Managing director of the Social Development  
Fund of Nazarbayev University

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**Jonathan Bishop**  
CEO and executive headteacher, Cornerstone  
Academy Trust, UK

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**David James**  
Head of Education, Cornerstone Academy  
Trust, UK

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**Gulmira Kozhamkulova**  
Senior manager, Centre for Educational  
Programmes, Kazakhstan

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**Nartai Ashim**  
Founder and CEO, Knowledge Engineering,  
Kazakhstan

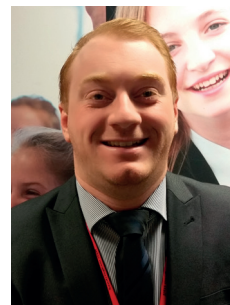
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**Martin Burder**  
Art of Brilliance, UK

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**Mark Allday**  
Deputy principal, Sandringham School, UK

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**Inna Aksenova**  
Biology teacher, NIS Taraz, Kazakhstan

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**Mikhail Goshin**  
Research fellow, Higher School of Economics  
Institute of Education, Russia

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CONFERENCE PROGRAMME

DAY 1

11  
November

09:30 - 10:00	Conference Opening Ceremony
10:00 - 12:00	<p>Plenary session 1</p> <p><b>Real-time transformation of education: Role of school and family</b></p> <p><b>School in a changing world.</b></p> <p>Kulyash SHAMSHIDINOVA, <i>Chairperson of the Executive Board, Nazarbayev Intellectual Schools AEO, Kazakhstan</i></p> <p><b>What have we learned about school education since the pandemic?</b></p> <p>Isak FROUMIN, <i>member of the Academic Council, Head of Higher School of Economics Institute of Education, Russia</i></p> <p><b>Child well-being and success: Opposites that need to attract.</b></p> <p>Andy HARGREAVES, <i>director of CHENINE at the University of Ottawa, Canada</i></p> <p><b>Moving towards student-centric education in Singapore: Schools and society.</b></p> <p>Pak Tee NG, <i>professor at the Nanyang Technological University National Institute of Education, Singapore</i></p> <p><b>Moderator:</b></p> <p>Nazipa AYUBAYEVA, <i>director, Corporate Fund «Nazarbayev Intellectual Schools Development Fund»</i></p>
12:00 - 13:00	<p>SESSION PRESENTATIONS 1</p> <p>Expert Perspectives</p>

12:00 - 13:00	<b>SESSION PRESENTATIONS 1</b> Expert Perspectives
12:00 - 13:00	<div> <div> 1.1. Rethinking and transforming secondary education for students' well-being </div> <div> <ul style="list-style-type: none"> <li> <b>New skills and competencies as the basis for digital wellbeing of a child.</b>  Mart LAANPERE, <i>senior researcher, Tallinn University, Estonia</i> </li> <li> <b>Reading literacy for the successful socialisation of children in a multilingual environment.</b>  Zhuldyz SMAGULOVA, <i>dean of the Faculty of Education and Humanities, KIMEP University, Kazakhstan</i> </li> <li> <b>Seeing the curriculum as narrative: give the pupil new power.</b>  Steven MASTIN, <i>education consultant, director of Opening Worlds, UK</i> </li> </ul> <div> <b>Moderator:</b>  Zhanar ABDILDINA, <i>director, Centre for Educational Programmes</i> </div> </div> </div>
12:00 - 13:00	<div> <div> 1.2. A new vector of children's development: Assessing skills that are difficult to assess </div> <div> <ul style="list-style-type: none"> <li> <b>How to assess to develop thinking skills</b>  Steve KING, Paul CRUMP, <i>University of Cambridge Press &amp; Assessment, UK</i> </li> <li> <b>Assessment of meta-subject and personal learning outcomes at school.</b>  Yelena KARDANOVA, <i>director, Centreok for Psychometrics and Measurements in Education, Higher School of Economics National Research University, Russia</i> </li> <li> <b>AUTOPSYCH: A novel shiny app for the psychometric analysis and scoring of assessment and survey data</b>  Matthew COURTNEY, <i>PhD, Nazarbayev University, Kazakhstan</i>  Laila ISSAYEVA, <i>senior manager, Centre for Pedagogical Measurements</i>  Kevin CHANG, Kane MEISSEL, <i>University of Auckland, New Zealand</i>  Bing MEI, <i>Henan University, China</i>  Luke ROWE, <i>Australian Catholic University, Australia</i> </li> </ul> <div> <b>Moderator:</b>  Assem YERKINOVA, <i>deputy principal, Centre for Pedagogical Measurements</i> </div> </div> </div>



**12:00 - 13:00    1.3. Extending cooperation between family and school:  
Partnership in the interests of the child**

- **Cultural adaptation of the Strengthening Families Programme: A journey across Central Asia and beyond.**

Debby ALLEN, *PhD, UNODC International Consultant, international coach*

- **Social and emotional learning programmes per the international standards on drug use prevention and their added value to the educational sector.**

Wadih MAALOUF, *PhD, global programme coordinator, Prevention Treatment and Rehabilitation Section Drug Prevention and Health Branch at UNODC*

- **Family and school: A step forward**

Viktor SOSSIN, *principal, NIS Taldykorgan*

- **The implementation of UNODC family skills resources.**

Aala EL-KHANI, *PhD, consultant at UNODC*

- **Current state of the impact evaluation of the UNODC family skills programmes.**

Karin HAAR *consultant at UNODC*

**Moderator:**

Dinara UALKENOVA, *director, Students' Well-being Department*

**12:00 - 13:00    1.4. School in the digital era**

- **The impact of digital transformation on the development of secondary education.**

Kati TIAINEN, *director of K12 Education EMEA, Microsoft's Worldwide Education organization, Finland*

- **Supporting the School of the Future.**

Peter VAN LEUSEN, *director for Learning Experience & Student Success for EdPlus, Design & Development, Arizona State University, USA*

- **Personalisation of education in the digital era based on Schoolaby experience: Estonian practice.**

Mart LAANPERE, *senior researcher, Tallinn University, Estonia*

**Moderator:**

Dauren MAZHRENOV, *senior manager, Human Resources Department*

**12:00 - 13:00    1.5. Pedagogy, Play and Quality Early Childhood Education**

- **It's more than 'just play': Infusing playfulness into the teaching and learning experience in early years settings.**

Glenda WALSH, *head of Early Years Education at Stranmillis University College, assistant director, Centre for Research in Educational Underachievement, UK*

- **Culturally effective teaching for the development of students' self-regulation: What does the evidence tell us?**

Pablo TORRES, *academic postdoctoral research fellow, University of Cambridge Faculty of Education, UK*

- **Early childhood education in Kazakhstan: Quality as a primary agenda.**

Gaukhar KIIKOVA, *chair of «Institute of Childhood OYNA», PhD candidate, Nazarbayev University Graduate School of Education*

**Moderator:**

Aizhan RAMAZANOVA, *PhD candidate, Nazarbayev University Graduate School of Education*

**12:00 - 13:00    1.6. School as a safe haven: Ensuring wellbeing and safeguarding through international accreditation**

- **International accreditation: Why is it important to maintain home, school and community partnership from the point of view of school accreditation.**

Simon CAMBY, *head of Assessment and School Support CIS*

- **Best practices for supporting the interests of students in Intellectual / international schools.**

Raquel SCARPA-GEBARA, *PhD, University of Cambridge Faculty of Education, CIS expert*

- **Students' voices and safety.**

Katie RIGG, *head of Safeguarding & Student Well-being CIS*

- **High-quality learning and student well-being as one of the key drivers of International accreditation.**

Sabyrzhan SADUAKASSOV, *principal, Nur-Sultan Intellectual School (IB)*

**Moderator:**

Indira ISMAILOVA, *principal, NIS PhM Shymkent*

**12:00 - 13:00    1.7. Empowering graduates through recognition of educational credentials**

- **Qualifications, international recognition and pathways to success.**

Chris LYONS, *Head of External Engagement, UK Enic, UK*

- **Seamless integration of graduates of Nazarbayev Intellectual Schools in education.**

Assel DZHUMASEITOVA, *KBTU vice for academic affairs, Kazakhstan*

- **Nazarbayev University opens up opportunities for graduates of the Intellectual Schools.**

Saltanat BEISEMBINA, *associate registrar, Nazarbayev University Office of the Registrar, Kazakhstan*

- **Study on accelerated programme: Getting closer to my dream.**

Ilana AMANGELDY, *NIS PhM Nur-Sultan alumnus, Kazakhstan*

**Moderator:**

Danara ABILDENOVA, *deputy principal, Department for Education Quality Assessment and International Accreditation*

**12:00 - 13:00    1.8. School and community: student support in achieving educational and career goals through counselling**

- **Career guidance: how family and school can help teenagers choose a career.**

Nadezhda MIKHAILENKO, *teacher «School of Career Management», co-founder of career guidance project «I choose myself», Russia*

- **Early testing and counselling are the basis of a student's life determination.**

Azamat BEISENBENOV, *director of the Human Capital Development Department of NCE «Atameken», Kazakhstan*

- **How to conduct a fun and effective career guidance game?**

Anton SMIRNOV, *leading developer of Navigatum, Russia*

**Moderator:**

Assem ISSABEKOVA, *senior manager, Department for Education Quality Assessment and International Accreditation*

**12:00 - 13:00    1.9. Y. Altynsarin: Projection of ideas from the past to the future (Round Table)**

- **Video presentation.**

Howard YOUNGS, *PhD, Senior Lecturer, School of Education, Auckland University of Technology, New Zealand*

- **Y.Altynsarin legacy in the books.**

Serikbai OSPANOV, *candidate of philology, poet, writer, professor, A.Baitursynov Kostanay Regional University, Kazakhstan*

- **National values in children's upbringing in the works of Y.Altynsarin, their reflection of modern education.**

Seitbek KUANYSHBAYEV, *doctor of geographical sciences, professor, rector of Y.Altynsarin Arkalyk Pedagogical Institute, Kazakhstan*

- **Documentary film about Y.Altynsarin «Ustaz».**

Darkhan ABDIK, *journalist, TV presenter, author of the film «Ustaz» about Y. Altynsarin, Kazakhstan*

- **Pedagogical image of a contemporary teacher.**

Zamzagul KENZHEAKHMETOVA, *Kazakh language and literature teacher, School-lyceum №59 Nur-Sultan, recipient of the Y. Altynsarin badge, Kazakhstan*

**Moderators:**

Berik ASSUBAYEV, Abay KALSHABEKOV, *Centre of Excellence Almaty*

<b>12:00 - 13:00</b>	<b>1.10. School lesson in the focus of attention (Case-session on Lesson Study)</b>
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- **A Centre of Excellence film «Lesson study in Kazakhstan: From theory to practice»**
- **Observation of the lesson fragment in action. Group work and moderation of discussion by participants.**
- **Discussion of results and recommendations by international expert**

Hiroyuki KUNO, *professor, Chukyo University, Japan*

- **CoE research presentation: project implementation «Lesson study Kazakhstan» in secondary schools.**

Kyzzhibek ABDRAMANOVA, Elvira RAKHMAIL, Yulia MELNIKOVA, *Centre of Excellence*

**Moderators:**

Tolkyn AYDOSSOVA, Tauilya AKIMOVA, *Centre of Excellence*

<b>13:00 - 14:00</b>	<b>Lunch break</b>
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14:00 - 15:30    Plenary session 2

**Involving family and community in the development of creative skills of students**

**How to create schools of Joy and Light.**

**Mikhail KAZINIK**, *culture expert, musician and writer, Sweden*

**Developing students’ creativity: Collective efforts of teachers and parents.**

**Yigal ROSEN**, *project director of PISA 2021 Creative Thinking Assessment, postdoctoral fellow at Harvard University, USA*

**Parents and teachers united to promote holistic learning and wellbeing of children.**

**Arthur VAN DIESEN**, *UNICEF Representative in Kazakhstan*

**Utilizing mass-personalization to enable student success.**

**Dale JOHNSON**, *director of Digital Innovation, Arizona State University, USA*

**Moderator:**

**Madina TYNBYBAYEVA**, *president, Information Analytical Centre*

15:30 - 15:45    Break

15:45 - 16:30    Session Presentations 2  
Workshops

15:45 - 16:30    2.1. The importance of teacher leadership in «Teach Less Learn More».

**Pak Tee NG**, *professor at the Nanyang Technological University National Institute of Education, Singapore*

**Moderator:**

**Samat KALMENOV**, *Centre for Educational Programmes*

15:45 - 16:30    2.2. Features of electronic texts for the development of reading literacy.

**Gulmira KOZHAMKULOVA**, *senior manager, Centre for Educational Programmes*

**Moderator:**

**Zukhra SHEGENOVA**, *deputy principal, Centre for Educational Programmes*



**15:45 - 16:30    2.3. Digital leadership: Changing paradigms in changing times.**

Eric SHENINGER, *Digital Leadership Expert, International Centre for Leadership in Education, USA*

**Moderator:**

Assel BEYSEMBINOVA, *principal, NIS Aktau*

**15:45 - 16:30    2.4. Lessons learned from life in primary school: Science and practice.**

Dominic WYSE, *professor of Early Childhood and Primary Education, University College London Institute of Education, president of the British Educational Research Association, UK*

**Moderator:**

Viktor SOSSIN, *principal, NIS Taldykorgan*

**15:45 - 16:30    2.5. Community-integrated school.**

Darius RADKEVIČIUS, *Vilnius City Council deputy, member of the Education and Culture Committee, Lithuania*

**Moderator:**

Aidarbek AYTPUKESHEV, *principal, NIS Oral*

**15:45 - 16:30    2.6. Assessment of non-cognitive skills in education.**

Romy NOORDHOF, *Cito Lab, Netherlands*

**Moderator:**

Zamira RAKHYMBAYEVA, *deputy principal, Centre for Pedagogical Measurements*

**15:45 - 16:30    2.7. Contribution into the social good or youth impact-entrepreneurship.**

Anar UTESHOVA, *managing director, Social Development Fund of Nazarbayev University*

**Moderator:**

Aidar BULATOV, *principal, Nur-Sultan International School*

**15:45 - 16:30    2.8. Digital tools for a post Covid blended learning environment.**

Jonathan BISHOP, *CEO and executive headteacher, Cornerstone Academy Trust, UK*

David JAMES, *Head of Education, Cornerstone Academy Trust, UK*

**Moderator:**

Bakhyt ZHUMATAY, *principal, NIS Kyzylorda*

**15:45 - 16:30    2.9. Experience of British schools in the use of technology.**

Mark ALLDAY, *deputy principal, Sandringham School, UK*

**Moderator:**

Dauren MAZHRENOV, *senior manager, Human Resources Department*

**16:30 - 17:00    Day 1 Recap**



DAY 2

12  
November

## CONFERENCE PROGRAMME

09:30 - 10:00 VIDEO DIGEST

10:00 - 12:00 Plenary session 3

**Innovational-educational culture as a factor of change in modern community**

**Family, education and society.**

Andreas SCHLEICHER, *Director for Education and Skills, OECD*

**Disruptive thinking in our classrooms: Preparing learners for their future.**

Eric SHENINGER, *Digital Leadership Expert, International Centre for Leadership in Education, USA*

**Transformation, leadership and innovation in education.**

Kati TIAINEN, *director of K12 Education EMEA, Microsoft's Worldwide Education organization, Finland*

**Working with digital footprint and data-centric practices in education.**

Andrey KOMISSAROV, *Head of «Data-based Development», 20.35 University, Russia*

**Moderator:**

Nurlan ZHANYBEK, *Industry Executive, Education in Kazakhstan and CIS, Microsoft*

12:00 - 12:15 BREAK

12:15 - 13:00 **Session Presentations 3**  
Workshops and symposiums

**12:15 - 13:00    3.1. Success, learning and well-being: Making it real in our secondary schools?**

Mary Jean GALLAGHER *founder and CEO, M.J. Gallagher and Associates, Canada*

**Moderator:**  
Assel BEYSEMBINOVA, *principal, NIS Aktau*

**12:15 - 13:00    3.2. How the culture of school and community can empower kids for success?**

Esther WOJCICKI, *journalist, educator, «Godmother of Silicon Valley», USA*

**Moderator:**  
Aizhan RAMAZANOVA, *PhD candidate, Nazarbayev University Graduate School of Education*

**12:15 - 13:00    3.3. How to engage students: Beyond relevance, technology and entertainment.**

Andy HARGREAVES, *director of CHENINE at the University of Ottawa, Canada*

**Moderator:**  
Aydar BULATOV, *principal, Nur-Sultan International School*

**12:15 - 13:00    3.4. How assessment supports students in the classroom.**

Baurzhan YESSINGELDINOV, *Centre for Pedagogical Measurements*  
Inna AKSENOVA, *biology teacher, NIS Taraz, Kazakhstan*

**Moderator:**  
Saule VILDANOVA, *deputy principal, Centre for Pedagogical Measurements*

**12:15 - 13:00    3.5. Digital tools for inclusive environment.**

Nartai ASHIM, *founder and CEO, Knowledge Engineering, Kazakhstan*

**Moderator:**  
Dauren MAZHRENOV, *senior manager, Human Resources Department*

**12:15 - 13:00    3.6. Strategies of parent engagement in education and student participation in extracurricular education.**

Mikhail GOSHIN, *research fellow, Higher School of Economics Institute of Education, Russia*

**Moderator:**

Zhanna BAIGARINOVA, *senior manager, Change Management Department*

**12:15 - 13:00    3.7. The art of being a brilliant child.**

Martin BURDER, *Art of Brilliance, UK*

**Moderator:**

Samat KALMENOV, *Centre for Educational Programmes*

**12:15 - 13:00    3.8. Inclusion in education: The context of Kazakhstan (Symposium)**

- **Preliminary findings on early childhood teachers' perception of inclusion in Kazakhstan.**

Filiz POLAT, *professor, Nazarbayev University Graduate School of Education*

- **Pre-service training of educators for inclusion in Kazakhstan.**

Zulfiya MOVKEBAYEVA, *doctor of pedagogy, professor, Abay Kazakh National Pedagogical University*

- **OZIM Project: Mobile application for parents of children with special needs.**

Assem TAZHIYEVA, Dana MAMBETALINA, Maria IPPOLITOVA, *OZIM Project founders*

- **Communicating and teaching in an inclusive classroom.**

Saltanat MURZALINOVA-YAKOVLEVA, *head of Centre for Inclusive Social Programmes*

**Moderator:**

Bakhyt ZHUMATAY, *principal, NIS Kyzylorda*

**12:15 - 13:00    3.9. SHARE - to establish school culture for professional reflection (Symposium)**

- **SHARE concept and rationale.**

Colleen MCLAUGHLIN, *University of Cambridge Faculty of Education, UK*

- **SHARE Model of training: Trainers' perspective.**

Kate EVANS, Jenny RANKIN, *University of Cambridge Faculty of Education, UK*



- **SHARE School perspective: Achievements and issues.**  
Gulzhanat ABDRAMANOVA, *principal, School-gymnasium №67, Nur-Sultan*  
Roza SHAYAKHANOVA, Gul DUYSENBAYEVA, *coordinators, Centre for Modernization of Education*
- **Teacher reflection in SHARE.**  
Dinara KASSIYENOVA, *network coordinator, School-gymnasium №91, Nur-Sultan*  
Raikhan ANAPYANOVA, *network coordinator, School-gymnasium №58, Nur-Sultan*  
**Moderator:**  
Nazipa AYUBAYEVA, *director, Corporate Fund «Nazarbayev Intellectual Schools Development Fund»*

13:00 - 14:00    Lunch Break

14:00 - 15:30    Plenary session 4

**How to raise a successful person? Collective efforts for student well-being**

**Excellence, equity and well-being in secondary school: Working together for student success.**

Mary Jean GALLAGHER, *founder and CEO, M.J. Gallagher and Associates, Canada*

**Children’s agency and the curriculum.**

Dominic WYSE, *professor of Early Childhood and Primary Education, University College London Institute of Education, president of the British Educational Research Association, UK*

**How the WOJ WAY Philosophy can empower the next generation.**

Esther WOJCICKI, *journalist, educator, «Godmother of Silicon Valley», USA*

**Moderator:**

Darkhan BILYALOV, *president, Abay Kazakh National Pedagogical University*

15:30 - 15:45    Break

15:45 - 17:15	<b>Sesssion Presentations 4</b> Teachers' Practice
15:45 - 17:15	<b>4.1. We develop schools for the well-being of children together</b> (Thematic platform by The Centre of Excellence)
	<p><b>Live broadcast from Atyrau, Kyzylorda, Karaganda, West Kazakhstan and North Kazakhstan regions on teacher professional development projects:</b></p> <ul style="list-style-type: none"> <li>• <b>Modernization of the content of education and educational process organization at the Zhalel Dosmukhamedov High Pedagogical college.</b></li> <li>• <b>The «Rural schools» project.</b></li> <li>• <b>Project on development of education in the Atyrau region.</b></li> <li>• <b>Leading schools society.</b></li> <li>• <b>Professional development of teachers in the Karaganda region supported by the Kazakhmys Corporation LLP.</b></li> </ul> <p><b>Moderator:</b> Zhanbota KABDYKARIMOVA, <i>director, Centre of Excellence</i></p>
15:45 - 17:15	<b>4.2. SHARE - Research Evidence on Teacher Learning (Symposium)</b>
	<ul style="list-style-type: none"> <li>• <b>Introduction to SHARE research on teacher learning.</b> Colleen MCLAUGHLIN, <i>University of Cambridge Faculty of Education, UK</i></li> <li>• <b>Teacher learning in SHARE: Evidence from Facebook group.</b> Nazipa AYUBAYEVA, <i>director, Corporate Fund «Nazarbayev Intellectual Schools Development Fund»</i> Colleen MCLAUGHLIN, <i>University of Cambridge Faculty of Education, UK</i></li> <li>• <b>Training observation as a tool to collect evidence on teacher learning in SHARE.</b> Anar YERZHANOVA, <i>network coordinator, School-lyceum №59, Nur-Sultan</i> Sultanbek ORAZALY, <i>network coordinator, School-gymnasium №67, Nur-Sultan</i> Kymbat KOZHAKHMETOVA, <i>network coordinator, School-lyceum №76 named after Alikhan Bokeykhanuly, Nur-Sultan</i></li> <li>• <b>What are the advantages and disadvantages of group training? (based on the experience of teachers' practice research)</b> Gulzhamila SAKHMURZAEVA, Valentina AKHMETOVA, Zaida YERNAZAROVA, <i>teachers, School-lyceum №59, Nur-Sultan</i></li> </ul>

- **External research on participants perceptions and the establishment of a professional learning community.**

Olena FIMYAR, Tianyi WANG, *University of Cambridge Faculty of Education, UK*

**Moderators:**

Colleen MCLAUGHLIN, *University of Cambridge Faculty of Education, UK*

Nazipa AYUBAYEVA, *director, Corporate Fund «Nazarbayev Intellectual Schools Development Fund»*

**15:45 - 17:15    4.3. Development of scientific and research skills of students at school and in the family**

- **Research question-based learning approach in developing research culture and exponential thinking(Ignite Talk).**

Nazym TABARAK, *NIS Kokshetau*

- **Developing students' project and research skills by using differentiation models principles in teaching (Ignite Talk).**

Aizhan IMANBEKOVA, *NIS PhM Almaty*

Nazira IMANBEKOVA, *NIS ChB Almaty*

- **The formation of students' research skills in the lessons of the Russian language and literature through the system of integrated projects.**

Nala SMAGULOVA, Kuralay OMARBKOVA, *NIS Semey*

- **School and family partnerships for students' success in project work (Ignite Talk).**

Aidarbek AYTPUKESHEV, Gulnara DUSKAZIYEVA, Ulzhanay SAGADENOVA, *NIS Oral*

- **Development of students' research skills through problem-based learning methods.**

Inkar KUSHERBAYEVA, *NIS Pavlodar*

- **Development of students' research skills through the technology of positional learning at Biology lessons.**

Asemgul KOISHYGARAYEVA, *NIS Taraz*

**Moderator:**

Irina MADEYEVA, *senior manager, Human Resources Department*

**15:45 - 17:15    4.4. Student development through the STEM prism**

- **Problem based learning as a way of developing students' system thinking skills (Ignite Talk).**

Lyudmila TRUBNIKOVA, *NIS Aktobe*

- **How much time do science teachers spend talking in class compared to English teachers; a comparison between the UK and Kazakh teachers**  
Mirat OSPANOV, *NIS Aktobe*
  - **Interdisciplinary approach for STEM education practice: from learning objectives to formation of systematic thinking skills (from the experience of implementing an intraschool course for teachers on STEM learning).**  
Assel SAKHIYEVA, Gulsim KIMATOVA, *NIS Oral*
  - **Development of students' skills in analysis, interpretation using higher-order questions at Biology lessons.**  
Tuymegul UBISHEVA, *NIS Taraz*
  - **How does the use of interactive worksheets on LiveWorksheets.com at Math classes promote the development of analytical skills of 11th grade students? (Ignite Talk)**  
Irina KIM, *NIS Taldykorgan*
  - **How can STEM education methods be adapted to better promote students' development of research skills, specifically planning and designing lab work.**  
Beybitkul DYRYNBAYEVA, *Nur-Sultan International School*
  - **Development of Student's Analysis and Evaluation Skills Through Gv-M Conjugation (Guiding Verb-Mark).**  
Botagoz ZHAILGANOVA, Gulzhikhan ANTAYEVA, Nazarbay TULUBAYEV, *NIS Kostanay*
- Moderator:**  
Baurzhan YESSINGELDINOV, *Centre for Pedagogical Measurements*

**15:45 - 17:15    4.5. Striving towards collective professionalism**

- **The «School of transprofessional competencies» project as an environment for teachers' professional development.**  
Olga BYRDINA, Svetlana DOLZHENKO, Evgeniya YURINOVA, *Tyumen State University*
- **Support of the development of young teachers' professional identity in rural schools through mentorship.**  
Gulnara YESMAGULOVA, Larissa OBYDENKINA, *Centre of Excellence*
- **Rural school: The trajectory of professional development.**  
Sofiya KAMALOVA, Dinara ILYASSOVA, *Centre of Excellence*

- **Use of Lesson Study approach in the development of social capital of the educational organization (Ignite Talk).**

Gulmira DUZBENBEKOVA, *Secondary School №27, Oskemen*

Vladimir PAK, *Centre of Excellence*

- **Factors affecting the reliability of assessment within professional development courses in distance learning.**

Kanysh BIBEKOV, Akmaral ZHUMYKBAYEVA, Miramkul

ILYASSOVA, Rauan SARSEKENOV,

*Centre for Pedagogical Measurements*

- **Lesson Study in a professional networking environment (Ignite Talk).**

Raushan ABISHEVA, *Centre of Excellence*

- **How to make an effective teacher who satisfies 7 criteria within 4 years through continuous professional support of young professionals?**

Saltanat AKHMETOVA, Omirzak ZHULDYZBEK, *Centre of Excellence*

**Moderator:**

Gulzat SALIKOVA, *senior manager, Human Resources Department*

#### 15:45 - 17:15 4.6. Developing teaching methods through experience exchange (Part 1)

- **The formation of reading literacy among students in grades 8-9 by using reading strategies.**

Oksana OPRYA, *NIS Oral*

- **The role of synthesis of small forms in the development of students' analytical skills.**

Asset KUATOVA, *NIS Pavlodar*

- **The use of collaborative writing techniques to improve students' writing skill in ESL lessons (Ignite Talk).**

Kseniya ALIKULOVA, Zamira SAPARBEOVA, *Centre of Excellence*

- **Intertextual analysis of an artistic work as a method for developing cognitive flexibility.**

Akbota TOKTAGANOVA, *Centre of Excellence*

- **How to develop students' interest in reading Russian classical literature.**

Shynar SHERUBAYEVA, *NIS Aktau*



- **How can backward design approaches reduce the differences in the final results of summative assessments?**

Gulziya BEYSENBKOVA, *NIS Atyrau*

**Moderator:**

Zamira RAKHYMBAYEVA, *deputy principal, Centre for Pedagogical Measurements*

**15:45 - 17:15    4.7. Developing teaching methods through experience exchange (Part 2)**

- **How to develop students' higher order thinking skills through the Flipped Classroom method in Mathematics lessons? (Ignite Talk)**

Anna PROSKOKOVA, Bibigul SUGRALINOVA, Dina KUDAS,  
*NIS Pavlodar*

- **Enhancing students' understanding of capacitors through structured questions**

Zhanar ABDIKEROVA, *NIS PhM Shymkent*

- **How to develop 8 grade students' research skills (analysis, synthesis, evaluation) with the help of problem-based learning?**

Ramilya SULTAN, Dina TEMIROVA, Yuliya BOGDANOVA,  
*NIS Pavlodar*

- **Scientific terminology teaching methods: first phase analysis of the UK teaching methods in comparison to guidance literature.**

Zhanetta BAYANBEKOVA, *NIS Kostanay*

- **Improving students' research skills through the use of different genres.**

Raykhan MASSELBEK, *NIS Taraz*

- **The Flipped Classroom model, or how to successfully teach in a post-pandemic reality (Ignite Talk).**

Irina OLKHOVIK, *School №3, Aksay*

- **The importance of the integrated case method in the development of skills of reasoning in accordance with the communicative situation.**

Bakhytzhan ISSINA, *NIS Karagandy*

**Moderator:**

Assem YERKINOVA, *deputy principal, Centre for Pedagogical Measurements*

**15:45 - 17:15    4.8. Establishing student identity and attitudes**

- **The use of digital educational resources in self-knowledge lessons.**  
Aynur BABIKENOVA, *NIS Oral*

- **Developing Learner Autonomy during Distance Learning Process.**  
Alessya GURINOVA, Vera GOLOVANOVA, *NIS Pavlodar*

- **International Mindedness: Difficulties with understanding and the ways of cultivation.**

Vladimir RYBKIN, Magripa ALTAYBEKOVA,  
*NIS Nur-Sultan (IB)*

Kathy MALONE, *Nazarbayev University Graduate School of Education*

- **Development of adolescent students' self-regulation level through problem-based learning.**

Inna AKSENOVA, Olga KLYUCHANTSEVA, Damira ASHIROVA,  
Inna BOGUCHARSKAYA, *NIS Taraz*

- **What kind of exercises are necessary to improve flexibility of girls in Grade 11?**

Alimanna NARYMBETOVA, Sarsenbek RYSDAULETOV, Anna GREKOVA, *NIS Taraz*

**Moderator:**

Indira ISMAILOVA, *principal, NIS PhM Shymkent*

**15:45 - 17:15    4.9. Working with students in digital context**

- **The practice of teaching and educating young people in the Internet.**

Bolat MUNBAYEV, *School №69, Almaty*

- **Which reading strategies help to activate students of the 7th grades while working with text in the conditions of online learning? (Ignite Talk)**

Aygul MYNZHASAROVA, *NIS Aktobe*

- **What types of content and functions students want to see in web-based lessons in online courses?**

Nursultan ZHAKUPOV, *NIS Pavlodar*

- **The effectiveness of application of problem integration in the distance learning conditions.**

Tatyana AKOPOVA, Bibigul BUKAYEVA, Indira KHASSANOVA,  
Zhamila KHUSSANOVA, *NIS Oral*

- **Web-quest as a method of developing students' divergent thinking skills in class (Ignite Talk).**

Svetlana POPKOVA, Yelena ERMILOVA, Sairangul SEMBAYEVA, *NIS ChB Almaty*

Tom MARCH, *Mittagong, Australia*

- **How is it possible to improve students' analytical skills using graphic organizers in distance learning? (Ignite Talk)**

Elmira KUSBKOV, Amangul ZHANGAZY, Zabida NURZHIGITOVA, Dina ALIMZHANOVA, *NIS Taraz*

**Moderator:**

Zhanna BAIGARINOVA, *senior manager, Change Management Department*

#### 15:45 - 17:15 4.10. Leadership and innovation in education

- **Teachers' beliefs and practices about implementation of updated curriculum: A qualitative case study in one mainstream school of West Kazakhstan.**

Albina KALENOVA, *NIS Oral*

- **Implementation of concept-based learning in the 11-12th grades in some Kazakhstani schools. Challenges. Solutions.**

Assel BATTALOVA, *NIS Aktau*

- **Top down and bottom up approaches in school management.**

Kyzzhibek ABDRAMANOVA, Zhaynagul JANSUGIROVA, *Centre of Excellence*

- **From online learning to offline and back: How we overcame challenges (Ignite Talk).**

Yelena MARCHENKO, *Centre of Excellence*

Lyudmila SAVINOVA, *IT-School-lyceum, Oskemen*

- **Stages of succeeding in the research.**

Orazkhan OSTAYEVA, Aynur SATTAROVA, Tleukhor MAKISHEVA, Indira RAZIYEVA, *School-lyceum №76 named after Alikhan Bokeykhanuly, Nur-Sultan*

- **Criteria-based assessment in Kazakhstani mainstream schools: Teachers' perspectives and experiences.**

Zhuldyz TURGANALINA, *NIS PhM Nur-Sultan*

**Moderator:**

Sabyrzhan SADUAKASSOV, *principal, NIS Nur-Sultan (IB)*

**15:45 - 17:15    4.11. Pre-school education and student well-being**

- **The formation of preschoolers' team skills during the game.**  
Nadiya BATYRBAYEVA, *Centre of Excellence*
- **Influence of the National Art (dombra) on the unity of the family, school, and community in the upbringing of generations.**  
Yessil YEDILBAYEV, *«Yessil» Art Studio*  
Dariyash SHAKIMOVA, *Centre for Pedagogical Measurements*

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- **The features of children assessment organization of the first seven years of life: traditions and changes.**  
Lyudmila KOLESSOVA, *Centre for Pedagogical Measurements*
  - **Support for play in state kindergartens in Nur-Sultan: Early childhood educators' perspectives.**  
Sogdiana CHUKUROVA, *Centre for Educational Programmes*
  - **Conceptual approaches to educational environment in a pre-school organisation.**

Irina KITLER, *Kindergarten №6, Tomsk*

**Moderator:**

Zhanat MEDET, *kindergarten supervisor, Nur-Sultan International School*

**17:15**

**Announcing poster contest results  
Conference Closing Ceremony**

## POSTERS

1. **Action research-тегі деректерді жүйелі жинақтау мен талдаудың маңыздылығы**  
Aygul Khablekber, Gulmaral Nugman, Kuanysh Dossanova, Bolatbek Januzakov,  
School-lyceum №76 named after Alikhan Bokeykhanuly, Nur-Sultan

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2. **Enhancing students' speaking skills by means of active teaching methods**  
Saule Rakhmetova, NIS Atyrau

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3. **Increasing student engagement during distance learning through flipped classroom approach**  
Aygul Zhakupova, Tomiris Gilazh, Meruert Sapargali, Kunsly Orazalina, Anastassiya Panevina, NIS Pavlodar

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4. **Self-reflection as a means of improving writing and analyzing skills**  
Assiya Amanbayeva, NIS Aktobe

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5. **Student motivation at second foreign language learning in Nazarbayev Intellectual School in Pavlodar**  
Valentina Kos, NIS Pavlodar

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6. **Teacher mentoring relationships in one school in South Kazakhstan: Experiences, benefits and challenges**  
Nazgul Shaymerdenova, NIS Taldykorgan

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7. **The use of the Socratic Method to develop students' critical thinking and language skills**  
Alfiya Bissengaliyeva, NIS Atyrau

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8. **The value of feedback in learning and teaching English**  
Aynash Zhassybayeva, NIS Oral

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9. **Бастауыш сынып оқушыларының оқуын жетілдірудегі тиімді әдіс тәсілдер**  
Aktoty Serikkaliyeva, Kulay Zhakupova, School-gymnasium №67, Nur-Sultan

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10. **«Білім беру – зерттеу әдістеріне кіріспе» атты кітабын оқуда еріктілер өз тәжірибесіне қандай өзгеріс енгізді?**  
Madina Nurtoleu, Ardak Abuova, School-lyceum №59, Nur-Sultan

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11. **Использование метода проектов для реализации студентоцентрического обучения на уроках русского языка.**  
Gulzhan Zhakupova, NIS Pavlodar

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12. **Іс-әрекеттері зерттеу — мектепті жақсартудың тиімді құралы.**  
Sultanbek Orazaly, Gulzhanat Abdramanova, School-gymnasium №67, Nur-Sultan

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13. **Как метод моделирования может совершенствовать у учащихся навык построения связного творческого высказывания?**  
Olga Belozerova, NIS Taraz



**14. Каким образом использование ментальных карт влияет на развитие системного мышления у учащихся?**

Togzhan Abilmazhinova, Indira Melnikova, NIS Kokshetau

**15. Қалыптасқан дифференцияциялық әдістің оқушылар жетістігіне әсері.**

Saltanat Karekenova, NIS Oral

**16. Қалыптастырушы бағалаудың әдістері мен стратегияларын оқушылардың өзіндік реттеу дағдыларын дамытуға қолдану**

Symbat Zykrina, NIS Kokshetau

**17. Мектептегі 1 жылдық тәлімгерлік үдерісінің нәтижелері**

Sholpan Samenova, NIS Aktau

**18. Неліктен оқушы мінезі өзгеріске ұшырайды?**

Malika Sultanova, Zhanerke Zhumagaliyeva, Zhanna Gaziyeva, School-gymnasium №58, Nur-Sultan

**19. Об опыте организации исследовательской деятельности учащихся на уроках физики**

Arman Imansharipova, NIS Nur-Sultan (IB)

**20. Оқу процесіндегі кері байланыстың маңызы қандай?**

Moldir Nurmanova, Aynur Zhuginis, NIS Aktobe

**21. Оқушының оқуындағы жауапкершілік**

Ardagul Miting, Gulmira Ospanova, Aygul Aykulova, Makpal Tolysbayeva, Rabiga Moldakulova, School-gymnasium №67, Nur-Sultan

**22. Развитие навыков письма на уроках биологии в 11 классе через применение приемов CLIL**

Gulzhan Nussipzhanova, Zhanar Shakhmetova, NIS Aktau

**23. Развитие навыков самостоятельного планирования эксперимента через методы: «критический дизайн», вопросы высокого порядка, чтение текста, применение алгоритма**

Elmira Akimova, Damira Ashirova, Akmaral Bayrysova, Gaziza Zhussipnazarova, NIS Taraz

**24. Структурно логические схемы для развития навыков причинно-следственного анализа на уроках Экономики в 10 классах**

Symbat Sarsenbekova, NIS Nur-Sultan (IB)

**25. Сыртқы жиынтық бағалаудың халықаралық практикасын қолданудың 12 сынып оқушыларының білім сапасына әсерін зерттеу**

Gulmira Kariyeva, NIS Oral

**26. Формирование навыков саморегуляции учащихся в условиях онлайн-обучения**

Makpal Yesseyeva, Tatyana Sultangaliyeva, NIS Aktobe



XII International Research-to-Practice Conference

## NOTES





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