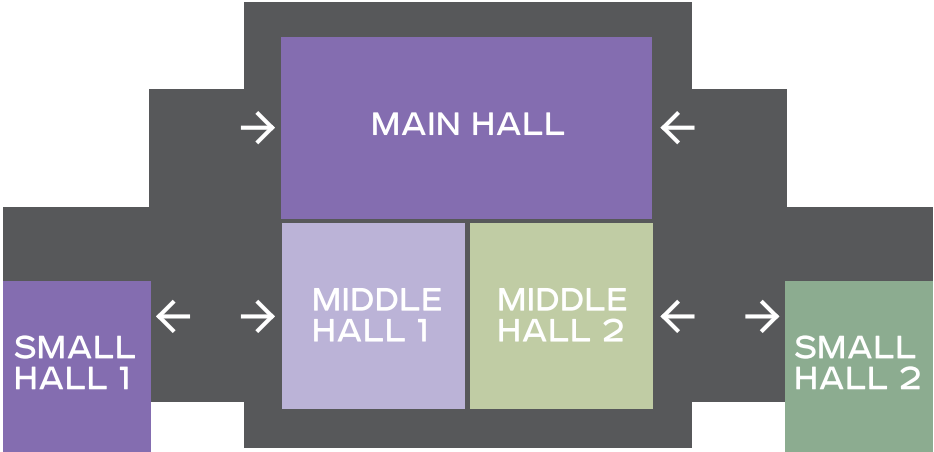


connected
2024 Reimagining
the future

program

18.10.2024



MAIN HALL
FUTURE SHAPING



MIDDLE HALL 1
FUTURE SHAPING



MIDDLE HALL 2
FUTURE EDUCATION & SCIENCE

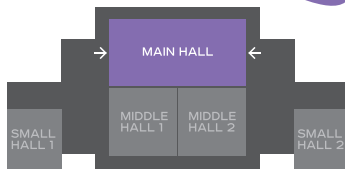


SMALL HALL 1
ED TECH & IMPACT ENTREPRENEURSHIP



SMALL HALL 2
FUTURE EDUCATION & SCIENCE





09:00 - 09:15 opening ceremony

09:15 - 10:45 **plenary session**
**An informed view of the future:
a worldview approach**

The modern world stands on the brink of profound change. Global challenges such as climate change, social inequality, rapid technological transformations, cultural polarization, and the erosion of trust in traditional values demand our close attention. The upcoming session will explore how our inner beliefs and perceptions shape the reality around us. This plenary session will serve as an important step towards a deeper understanding of humanity's path to harmony.

Global narratives play a key role in shaping visions of the future. They reflect collective beliefs, values, and societal expectations, influencing political decisions, economic strategies, and social movements.

How can we find a balance between individual and collective interests in the pursuit of sustainable development and harmony with the world around us? What steps must be taken to create a future aligned with our values and the challenges of our time?

moderator:



riz khan

Journalist, TV anchor, former CNN International,
Al Jazeera English (UK)

speakers:



gerd Leonhard

Futurist, Humanist, Author of "Technology vs. Humanity",
CEO of The Futures Agency (Switzerland)



rae kwon chung

Shared Nobel Prize of IPCC, Director of Ban Ki-moon
Foundation for a Better World (South Korea)



peter Frankopan

Historian, professor at Oxford University, author of a bestseller
"The Silkroads: a new history of the world" (UK)



kay Firth-Butterfield

CEO of Good Tech Advisory, TIME Impact Honouree 2024;
Former Head of AI and Member of the Executive Committee at World
Economic Forum (USA)

11:00 - 12:30

panel session

Tech x human synergy: biodigital convergence

In the modern world, we are witnessing a rapid fusion of biological systems and digital technologies, known as bio-digital convergence. This phenomenon is not just a technological trend, but a profound transformation of our understanding of ourselves and the surrounding reality, opening new horizons for enhancing health, expanding cognitive abilities, and overcoming physical limitations. What are the key challenges and opportunities arising from this convergence, and how might it change humanity's perception of itself and its place in the world?

moderator:



Elnora Rozmukhamedova

Media manager, founder and CEO of ER10 Media (Kazakhstan)

speakers:



David Rowan

Technology columnist, writer, tech guru, investor,
founding UK Editor in Chief of WIRED (UK)



Bronwyn Williams

Futurist, Trend Analyst, Economist, UNDP futures fellow
(South Africa)



Tornike Jobava

Deputy Chairman of Georgia's Innovation and
Technology Agency (Georgia)



Tanja Schindler

President of the Association of Professional Futurists (APF),
Foresight Advisor to the EU Commission (Germany)

13:30 - 14:00

Live interview with
yuval noah harari

14:00 - 15:30

Panel session

East and west: search for a common model of sustainable development

The dualism and contradictions between liberal principles and Eastern traditions reflect the diversity of human experience and historical development. Amidst the crisis of liberal ideals, economic instability, and prolonged conflicts, the West faces significant challenges that call into question the conventional models of progress. Meanwhile, the East, with the rise of Asian economic giants, showcases steady growth and successful long-term planning.

Questions about the nature of this dualism and paths to harmonious coexistence are becoming increasingly relevant. How can we combine the deep spirituality of the East with the innovative approaches of the West to find common paths towards sustainable development, grounded in respect for nature, society, and each individual?

Moderator:



Eli Hadzhieva

EU Consultant, Communications Expert and Columnist (Belgium)

Speakers:



Peter Frankopan

Historian, professor at Oxford University, author of a bestseller "The Silkroads: the new history of the world" (UK)



Rinpoche Shyalpa Tenzin

Tibet Lama, master, author (Nepal)



Jahkini Bisselink

Strategic foresight and Gen Z keynote speaker at Whetston think tank, crisis and security management expert (Netherlands)



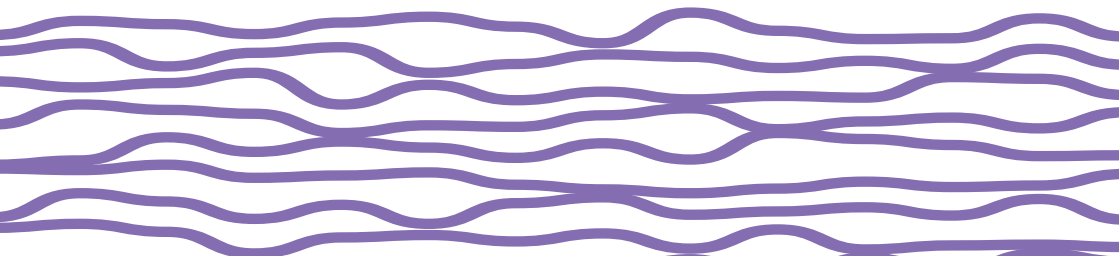
Serik Tolukpayev

Entrepreneur, investor, founder of AITAS Holding (Kazakhstan)



Rae Kwon Chung

Shared Nobel Prize of IPCC, Director of Ban Ki-moon Foundation for a Better World (South Korea)



15:45 - 17:15

panel session powered by restate foundation catalysts of change: global movements shaping the future

While nature showcases stunning examples of synchronization and harmony—from the flickering of fireflies to the coordinated motion of metronomes—the global community struggles to find consensus and establish a unified vision for the future, even on international platforms like the UN. Amidst this uncertainty, global movements led by activists, NGOs, and communities are emerging, challenging traditional business models and promoting sustainable practices. These initiatives are opening new horizons for shaping alternative pathways for humanity's development, inspiring global change, and introducing new norms of interaction. Can these movements become catalysts for real transformation and set a new direction for the entire world?

moderator:



Anastasia kalinina

Co-Founder and CEO of reState Foundation, former Head of Eurasia Programmes of the World Economic Forum (Switzerland)

speakers:



Mamadou kwidjim toure

Founder and CEO of Ubuntu Tribe, systems thinker, philanthropist, Forbes top 10 most influential people in Africa, Young Global Leader (WEF) (United Arab Emirates)



Lucian tarnowski

Founding curator of United Planet and UP Game, Young Global Leader (WEF), futurist (Spain)



Mei Lin fung

Chair & Cofounder of the People Centered Internet, Chair of IEEE IC Social Impact Measurement, Cofounder of Impact Network (USA)



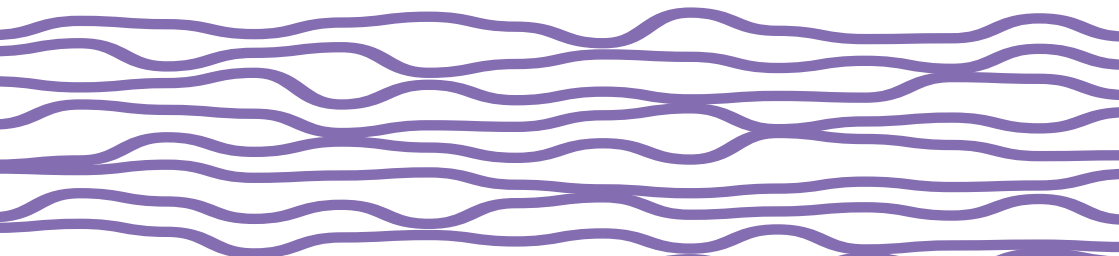
serik zhunussov

Executive Director of Aitas Foundation, founder of the movement (Kazakhstan)



kimberly maucher-lynych

HR thought leader, Board Member of Unleash, Social Impact and Innovation Expert (Germany)



17:30 - 18:30

keynote speech

Humans and machines, Human intelligence & Ai: The world by 2030

AI is like a general-purpose-technology fire or the printing press, and it's the new technology platform, as well. It could be heaven or it could be hell, depending on whether the tools will end up dominating us, or whether human TELOS (the purpose) will prevail. The more power we have, the more wisdom we'll need!

Science fiction is becoming science fact as smart machines – both physical as well as virtual – take on more tasks once thought impossible for a digital entity to accomplish. As a result, knowledge work is transforming at a rapid pace, forcing us to reconsider what it means to 'be human' – in our daily lives, in our professions and in our organizations.

We must embrace these new possibilities while also preserving and protecting our humanity. We must define new values and goals that transcend increased efficiency or the resulting financial gains. It will be our androrithms, our uniquely human skills and traits that will make us invaluable in this coming age of AI, not just our ability to command technology or to become faster by using it.

In this talk, I guide my audience through what is important (and real) versus what is false (or dangerous) when it comes to AI. I delineate how we can harness the power of AI to further human (and planetary) flourishing, our happiness, our success and our well-being. I set forth why I believe the future holds great promise if we play our cards right and pursue People, Planet, Purpose, and Prosperity.

speaker:

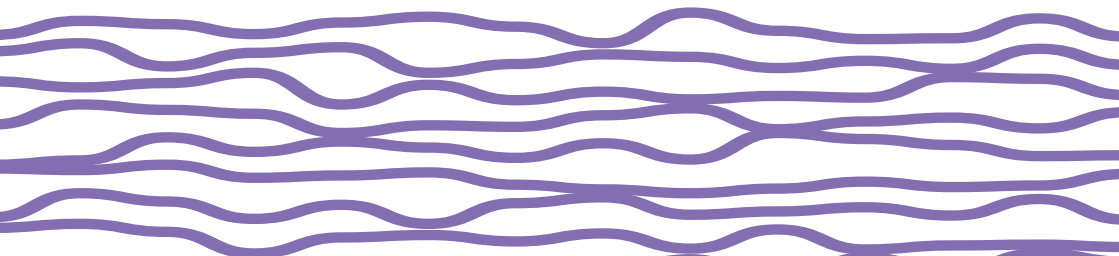


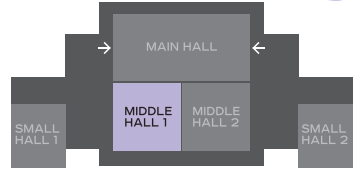
gerd Leonhard

Futurist, Humanist, Author of "Technology vs. Humanity",
CEO of The Futures Agency (Switzerland)

18:30 - 19:00

startup battle Awarding ceremony





11:00 - 12:30

panel session

The climate future: the environmental crisis or how global change is shaping the world

Accelerating climate change threatens environmental stability and the planet's future, intensifying ecological crises. These transformations call for a deep rethinking and revision of sustainable development strategies, as conventional mitigation and adaptation methods are no longer providing the necessary protection. As the climate continues to deteriorate, the question arises: can the SDGs be enhanced, or is it time for radically new solutions? What will ensure a balance between economic growth, social stability, and ecosystem protection in the face of an escalating climate crisis?

moderator:



Alexis Kouros

Editor-in-Chief of The Helsinki Times (Finland)

speakers:



Nisaa Jetha

Global Impact Strategist & Policy Advisor (UK & Global)



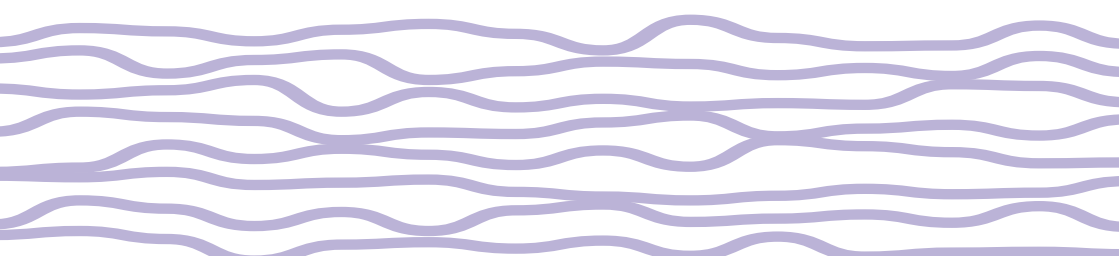
Rae Kwon Chung

Shared Nobel Prize of IPCC, Director of Ban Ki-moon Foundation for a Better World (South Korea)



Peggy Liu

Chinese Green Goddess, advocate for green development, CEO of Tornado Leadership (China)



14:00 - 15:00

keynote speech

dancing with uncertainty: How Futures Thinking Empowers us to navigate a shifting world

In an age of rapid technological change, social disruption, and global challenges, uncertainty has become a constant companion. This keynote explores how Futures Thinking equips leaders and innovators with the tools to not only embrace uncertainty but to use it as a catalyst for creativity and strategic foresight. By developing a Futures Mindset, we can turn ambiguity into opportunity, collaboratively shaping a resilient and adaptable future.

speaker:



Tanja Schindler

President of the Association of Professional Futurists (APF),
Foresight Advisor to the EU Commission (Germany)

15:15 - 16:15

keynote speech

Protopia: Antidote to Futures of Fear

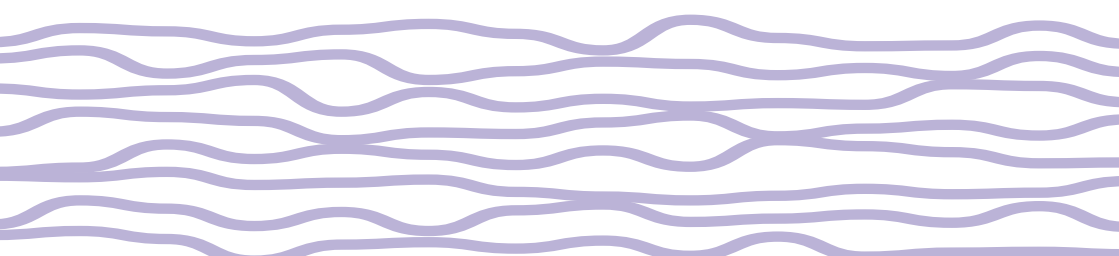
Sci-fi movies and popular media headlines often present an illusion of a "technologically predetermined" future. These narratives isolate science and technology from human context, exhibiting discriminatory bias and limiting our understanding of possibilities. Monika's research explores alternatives to fear-based dystopian and exclusionary utopian futures, emphasizing the importance of informed hope in shaping our collective path forward amidst disinformation warfare and the increasing geopolitical destabilization. This keynote introduces the Protopia Futures framework, prioritizing leadership of the most impacted, life-centric design approach and valuing disability and neurodivergence informed innovation.

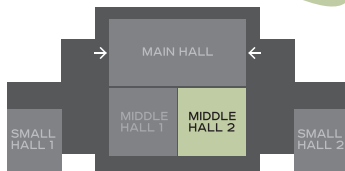
speaker:



Monika Bielskyte

Futurist, speculative designer, futurist adviser to Disney/Marvel's
Black Panther world (South Africa)





11:00 - 12:30

panel session from MSHE RK global competitiveness of higher education: building a strategy

Competition in the field of higher education on the international stage is becoming increasingly intense amidst the rapid changes of the modern world. Education is now global and knows no boundaries. Universities and educational institutions face the challenge of developing strategies that not only ensure high-quality education but also attract students and researchers from around the world. Key aspects include the implementation of innovative approaches, the internationalization of programs, and the development of partnerships with businesses and government bodies. Establishing such a strategy will enable universities to effectively prepare a new generation of professionals for the global economy.

welcome
speech:



sayasat nurbek

Minister of Science and Higher Education of the Republic of Kazakhstan (Kazakhstan)

speakers:



Luca Lantero

President of the Lisbon Recognition Convention Bureau,
ASEM Head of Education Secretariat (The Asia-Europe Meeting) (Italy)



waqar Ahmad

President of Nazarbayev University (Kazakhstan)



nikolaz foucaud

COURSERA Managing Director, for Europe, Middle East,
and Africa (EMEA) Enterprise (UK)



sergei khristoliubov

Regional Director at Quacquarelli Symonds (Singapore)



saule rakhmetullina

Rector of East Kazakhstan Technical University named
after D. Serikbayev (Kazakhstan)



meirgul alpysbayeva

Education National Professional Officer at UNESCO Almaty Cluster Office
(Kazakhstan)

14:00 - 15:30

panel session from MSHE RK The new model of science: main vectors and mechanisms

Kazakhstan's new science model focuses on applied research and strengthening the collaboration between science and industry, calling for a re-evaluation of traditional research approaches. The country currently faces a disconnect between scientific research and production: despite its high scientific potential, the share of research commercialization and its contribution to the economy remain low. In 2024, Kazakhstan adopted a new law on science and technology policy, signaling the need to strengthen the relationship between science and business. The law introduces new regulations, including tax incentives for companies investing in research and simplified procedures for government procurement of scientific studies.

Efforts are being made to bridge the gap between academia and industry, aiming to create a more flexible and integrated system. The new model emphasizes interdisciplinary connections, data openness, and the adoption of advanced technologies, promoting deeper integration of scientific knowledge and practical expertise. These initiatives are designed to respond promptly to global challenges and apply scientific advancements to the economy effectively.

welcome
speech:



sayasat nurbek

Minister of Science and Higher Education of the Republic of Kazakhstan (Kazakhstan)

moderator:



darkhan akhmed-zaki

Vice Minister of Science and Higher Education of the Republic of Kazakhstan (Kazakhstan)

speakers:



akhymbek kurishbaev

President of the National Academy of Sciences under the President of the Republic of Kazakhstan (Kazakhstan)



zhao zhongyuan

Director of the China-SCO Technology Transfer Center (China)



jochen berbner

Deputy General Director for technology and operations, Eurasian Resources Group (Kazakhstan)



dos sarbassov

Professor at School of Natural, Social and Human Sciences, Nazarbayev University (Kazakhstan)



kamil akatov

Chairman of the Board of the Science Fund JSC (Kazakhstan)

15:45 - 17:00

panel session shaping education systems: future schools for today's world

Rapid changes in society and technology make it essential to redesign the education system to prepare students for future challenges. Schools of the future must not only impart knowledge but also foster critical thinking, creativity, and collaboration skills. Key aspects of this process include adapting educational programs to meet the current demands of the labor market and utilizing innovative technologies that make learning more interactive and accessible. Creating a comfortable and inspiring educational environment where students can develop their talents and interests will be the foundation for a successful redesign of the education system. How can modern schools adapt to the rapidly changing demands of society and technology in order to effectively prepare students for future challenges, fostering their critical thinking, creativity, and collaboration skills?

Moderator:



Daniyar Toktarbayev

Director of the Fund for Sustainable Development of Education, public activist (Kazakhstan)

speakers:



Gabit Bekakhmet

FRSA, writer, partner of Paradigm Shift educational group (Kazakhstan), founder of Maruf Fellows accelerator (UK)



Alexander Angelov

Founder of Center for Creative Training Bulgaria&Poland, provider of Google for education (Bulgaria)



Raya Bidshahri

Founder and CEO of School of Humanity, educator, entrepreneur (USA)



Rafał Lew-Starowicz

Vice president of Ed Tech Poland (Poland)



Arnur Madenov

CEO of Bibigul Tulegenova Creative School (Kazakhstan)



Almas Ordabayev

CEO of Quantum Management Company (Kazakhstan)

17:15 - 18:30

panel session

Education system of the future:
forming intellectual capital for global
leadership. who's the customer?

In the era of intellectual capitalism, where knowledge, innovation, and creativity are key resources of the economy and society, there is a pressing need to radically rethink the education model that was shaped in the past for industrialization and mass production. Today, education systems face the challenge of creating an order for the human of the future — flexible, creative, and capable of continuous learning and adaptation in a rapidly changing environment. How can the education system be transformed to meet contemporary challenges and foster the development of a new generation of leaders? Who are the stakeholders in education today: the state, businesses, society, or the individual? How can the transformation of education serve as a driving force for global change and the creation of a future that reflects the highest ideals and aspirations of humanity?

Moderator:



Riz Khan

Journalist, TV anchor, former CNN International,
Al Jazeera English (UK)

speakers:



Gani Beisembayev

Minister of education of the Republic of Kazakhstan (Kazakhstan)



Yong Zhao

Distinguished professor at Kansas University, expert on reforms
in the education system (USA)



Ben Nelson

Founder and CEO of Minerva Project (USA)



Raya Bidshahri

Founder and CEO of School of Humanity,
educator, entrepreneur (USA)



Alison Tanker

Founding Partner & Creative Director at Korda Institute for Teaching (USA)



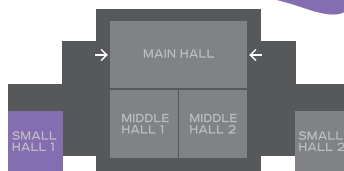
Kulyash Shamshidinova

Chairperson of the Board of Trustees of the Fund for Sustainable
Development of Education (Kazakhstan)



Olga Skorokhodova

Head of Government Affairs and Public Policy,
Central Asia, Google (UAE)



11:30 - 12:30

panel session

mentorship and support for startups: the role of accelerators and incubators in edtech

Mentorship and support for startups in the EdTech sector play a crucial role in accelerating growth and successfully integrating innovative solutions into the educational system. Accelerators and incubators serve as vital platforms for startup development, providing not only funding but also access to expertise, networks, and infrastructure. However, despite the potential benefits, many startups face significant challenges, including a lack of experience, limited resources, and complex market conditions, making support from accelerators particularly relevant. It is essential to understand how effective assistance from these programs not only minimizes risks and increases the chances of success but also fosters a sustainable EdTech ecosystem that promotes the further development of educational technologies.

moderator:



iskandar kurbonov

Investment Analyst Plug&Play (Uzbekistan)

speakers:



bakyt ospanova

Chief Programs Officer at SITF
(Sustainable Innovation and Technology Foundation) (Kazakhstan)



yagiz karadeniz

Managing Partner at DOMiNO Ventures (Turkey)



ron immink

Positive futurist, reinvention specialist,
author, speaker, coach (Spain)



rafał lew-starowicz

Vice president of Ed Tech Poland (Poland)



assylzhan upasheva

Head of NURIS Business Incubator (Kazakhstan)

12:30 - 14:00

speed pitching
Blind auditions
15 startups / 5 minutes / 3 investors
(Domino ventures, MOST, Jasventures)

Host:



zhandos tursumbayev
Founder of CTOgramm (Kazakhstan)



Yerzhan Toltayev
CEO of MyVentures (Kazakhstan)



Mustafa Kopuk
Managing Partner DOMINO Ventures (Turkey)



verbol kapishev
CEO JasVentures (Kazakhstan)

14:15 - 15:00

keynote speech
**Artificial intelligence in education:
from automation to personalisation**

Artificial intelligence is revolutionizing the education sector by transforming traditional methods into dynamic, personalized learning experiences. From automating administrative tasks to enhancing classroom engagement, AI facilitates a more efficient educational environment for both educators and students. Its ability to analyze individual learning patterns allows for tailored content delivery, ensuring that each learner receives the support they need to thrive. As we explore the multifaceted impact of AI in education, it becomes clear that this technology is not merely a tool, but a catalyst for profound change in how we approach learning and teaching.

speaker :



Younes Bensouda Mourri
Professor of AI at Stanford university, creator of AI courses (USA)

15:15 - 16:15

panel session impact investments: Attracting capital for social change

Impact investing represents a powerful tool for attracting capital aimed at driving social change, particularly within corporate environments and technological innovations. These investments foster the development of solutions that help companies effectively fulfill their corporate missions while making significant contributions to the public good. They serve as a crucial mechanism for transforming businesses, ensuring sustainable development and the integration of advanced technologies, while also attracting capital to address social issues and achieve positive societal changes.

moderator:



diana ryan

HP Government Affairs & Public Policy Director,
Central Asia and Turkey (Kazakhstan)

speakers:



Nisaa Jetha

Global Impact Strategist & Policy Advisor (UK & Global)



Taryn Hess

Ph.D. Principal, Talent Enablement & Transformation
at EPAM (USA)



Aray Bekembayev

Country Manager at InDrive (Kazakhstan)



dina saifutdinova

Director of the Department of Social Projects and Programs
at Nazarbayev University Social Development Fund (Kazakhstan)



salome napetvaridze

Head of Innovation Community Development
Department GITA (Georgia)

16:30 - 18:30

startup battle

Host:



zhandos tursumbayev

Founder of CTOgramm (Kazakhstan)

jury:



mateusz rybinski

President EdTech Poland (Indonesia)



abay absamet

CEO of BGlobal Ventures (Kazakhstan)



rustem vermekov

FURO Projects Manager, Best IT educator of the year
in Central Asia, Forbes U30 (Kazakhstan)



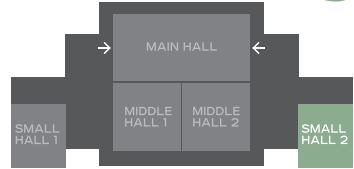
salome napetvaridze

Head of Innovation Community Development
Department GITA (Georgia)



zhuldyz suzhikova

Managing Director at MOST Holding (Kazakhstan)



11:00 - 12:30

Panel session from MSHE RK Preparing teachers for the 21st century: New Approaches and tools for education

In the context of rapid technological and social changes, the role of education is undergoing significant transformations, shifting from traditional knowledge transmission to the development of critical thinking, creativity, and adaptability. Consequently, the role of the teacher is also evolving — from a mentor to a facilitator, coach, and innovator capable of guiding students in a complex and fast-changing world. These changes underscore the necessity of re-evaluating approaches to teacher preparation, taking into account the importance of maintaining fundamental relationships between teachers and students. What modern methodologies and advanced technologies can effectively support teachers in their new roles? How can innovations be integrated into the teacher training process to ensure their readiness for future challenges while preserving essential relationships between teachers and students?

moderator:



Talgat veshenkulov

Vice Minister of Education and Science of the Republic of Kazakhstan (Kazakhstan)

speakers:



Ninoslav scukanec schmidt

Executive Director, Institute for the Development of Education (Croatia)



gulmira qanay

Rector, Kazakh National Women's Pedagogical University (Kazakhstan)



gulnara salmen

Founder & CEO of "Teach for Qazaqstan" (Kazakhstan)



Märt aro

Innovator in the education system, founder of EdTech Estonia (Estonia)

14:00 - 15:30

Panel session from MSHE RK preparing the next generation of talent: using generative AI to strengthen and accelerate learning

Generative artificial intelligence opens new horizons for talent development in the future, transforming learning processes and skill-building. The use of AI enables the creation of personalized educational programs tailored to each student's needs, accelerating knowledge acquisition and enhancing its quality. Innovative algorithms not only improve educational content but also foster critical thinking and creative potential. These technologies play a key role in shaping a new generation of professionals who can effectively adapt to a rapidly changing world.

moderator:



Dinara Shcheglova

Vice Minister of Science and Higher Education of the Republic of Kazakhstan (Kazakhstan)

speakers:



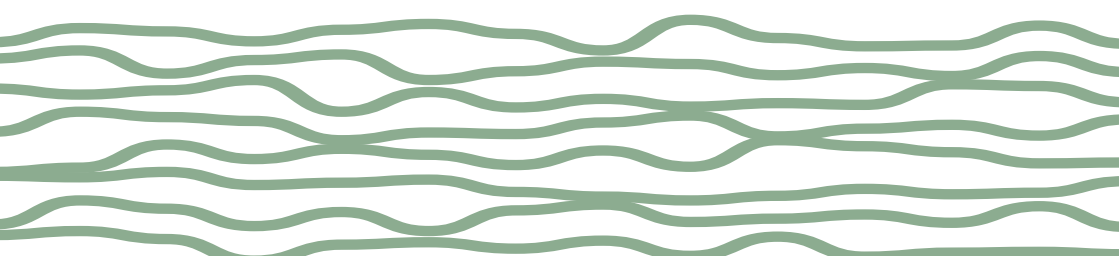
Nikolaz Foucaud

COURSERA Managing Director, for Europe, Middle East, and Africa (EMEA) Enterprise (UK)



Barbara Oakley

Distinguished Professor of Engineering at the University of Oakland (USA)



SMALL HALL 2
FUTURE EDUCATION
& SCIENCE

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the future

15:45 - 16:15

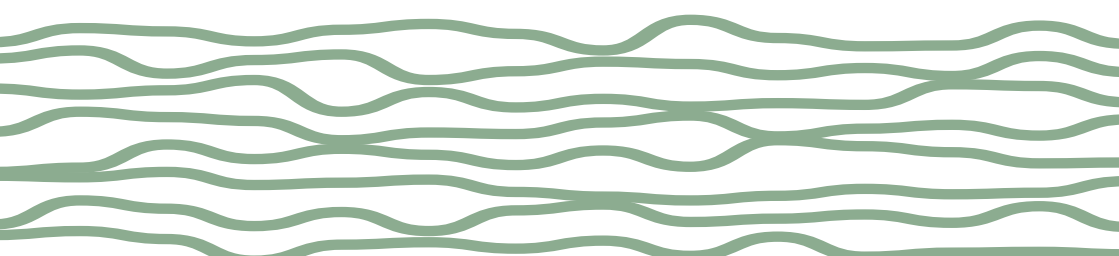
presentation
cambridge university central
asia fellowship program

speaker:



steve king

Head of Europe, Central Asia and the Americas
at Cambridge Partnership for Education (UK)



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