Background

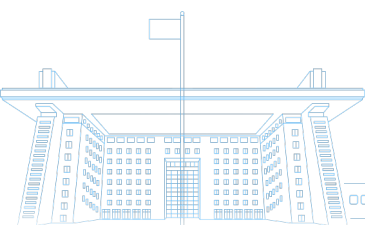## Smart Education: The Goal of the Digital Transformation of Education

As the new round of technological revolution and industrial transformation deepens, digital technology is increasingly becoming a driving force that fundamentally transforms human social thinking, organizational structures, and operational models. It not only provides significant opportunities for innovating pathways, reshaping forms, and promoting development but also brings new challenges. "What is education and its way forward?" has become a topic of collective consideration for countries worldwide. The United Nations Education Transformation Summit pointed out that global education faces severe challenges and a learning crisis. Therefore, it is urgent to promote educational transformation and fully tap into the power of the digital revolution to ensure that quality education and lifelong learning are provided as a common interest and a human right for all, with particular attention to the most marginalized groups. China has set the goal of promoting educational digitalization and building a society and country where everyone pursues lifelong learning. Educational digitalization is a crucial breakthrough in opening up new avenues for and shaping new advantages in educational development.

The digital transformation of education is a systematic planning process carried out at the strategic level, implementing a comprehensive digitalization process across all elements, processes, businesses, and fields within the education system, expanding the coverage of "education for all," widening the spatial scope of "learning anywhere," and extending the temporal scale of "learning anytime." This will create a learning society that meets the demands of lifelong learning for all and is open, flexible, and sustainable. As the desired form of the digital transformation of education, smart education is an educational behavior (system) provided by schools, regions, or countries that offer high learning experiences, high adaptability of content, and high teaching efficiency. It leverages modern science and technology to provide a range of differentiated support and

on-demand services to students, teachers, parents, and others. Furthermore, it comprehensively collects and utilizes data on the status of participant groups and educational processes to promote fairness, continuous performance improvement, and the cultivation of educational excellence. The key to promoting the digitalization of education and developing innovative smart education lies in fostering digital thinking within the education system, strengthening digital support capabilities, developing high-quality digital learning content, and constructing a digital learning public service system for the entire population.

Cultivating Talents: The Central Focus of Smart Education

Education's original intention and mission are to enlighten people's wisdom and cultivate outstanding individuals. This is also the primary task and fundamental goal of smart education. The development of the times and the advancement of technology drive the changes in talent development goals and talent structures, prompting education to adapt and adjust accordingly. Smart education is a new form of education in the digital age. Smart education embodies "wisdom" emanating from teachers. Intelligent education represents "intelligence" empowered by the environment. The futures of education embodies the "transformation" of education forms. The new teaching models enlighten students' wisdom, have surpassed the formal learning provided by schools, and moved towards integrating formal and informal learning. The diversity of students and individual differences are given due attention, allowing the realization of a "learner-centered" educational philosophy. A smart learning environment is a place or space for learning that can perceive learning situations, identify learner characteristics, provide appropriate learning resources and convenient interactive tools, automatically record learning processes, and evaluate learning outcomes to promote effective learning. The modern education system nurtures human intelligence, and artificial intelligence and big data will play a crucial role in its evolution. They will provide reform proposals and decision-making foundations for national education, school management, teaching, and talent development systems, ultimately enhancing the quality of talent cultivation.
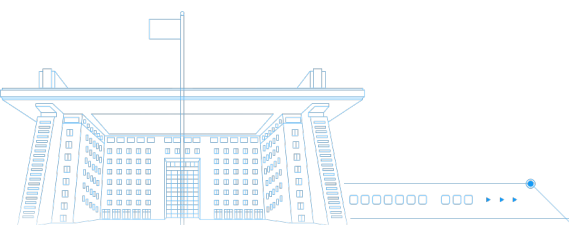
Technology Empowerment: The Driving Force behind Innovative Development in Smart Education

With the continuous upgrading of the intelligent technology ecosystem, such as generative artificial intelligence, big data, the Internet of Things, and mobile communication, the fields of technology and education are actively permeating each other. Technology empowers education, while education adds value to technology. Education holds a fundamental, pioneering, and comprehensive position and role that empower, store, and enhance national competitiveness. Education is one of the practical fields of technology. The driving force of technological innovation contributes to and supports the high-quality development of education. The continuous upgrading of the intelligent technology ecosystem will serve students' adaptive growth, support teachers' professional development, and facilitate the advanced enhancement of smart learning environments. The increasing demand for quality education will be the natural driving force behind technological development. The mutual empowerment of technology and education will promote cross-domain integration, realize the integration and innovation of data, information, business, applications, and services, and enhance educational intelligence. As a result, learners will experience high satisfaction and enjoyment in receiving smart education services.

Data Governance: The Systematic Approach Driving the Orderly Advancement of Educational System Reform
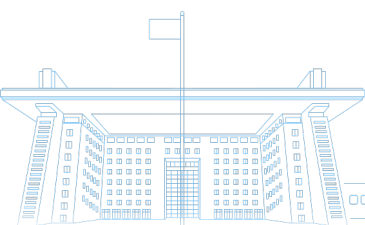
As a new production factor, data is the foundation for digitalization, networking, and intelligence, profoundly transforming production methods, lifestyles, and social governance. "Presenting with data, deciding with data, managing with data, living with data" constitutes the fundamental mindset for the digital transformation of education. The development of smart education not only accumulates high-quality resources but also generates massive data treasures. Educational big data provides objective evidence and fresh perspectives for optimizing educational policies, innovating teaching models, and transforming educational measurement and evaluation methods. The transformative power of data elements in education relies

on necessary external conditions. It requires accelerating the improvement of the education data element market, emphasizing the security and ethical issues in data application, establishing a classification, grading, and authorization system, and focusing on enhancing educational data governance capabilities and user data literacy. The shift from "extensive management based on experience" to "intensive governance relying on data analysis" calls for a new model of data-driven educational governance. This entails building an education data brain, establishing secure and convenient data exchange channels, enhancing the perception, interconnection, computation, and processing capabilities of education data, promoting the orderly flow of educational data, realizing cross-regional, cross-level, and cross-departmental data sharing, supporting scientific decision-making, driving the reengineering of management business processes, achieving joint operations between internal and external school affairs, streamlining education services into a one-stop process, and improving the efficiency and quality of management services.

Global Smart Education Network (GSENet): The International Platform for Collaboration and Exchange

To collectively address global learning crises and educational challenges and to further unlock the immense possibilities of integrating technology and education, Beijing Normal University (BNU), in collaboration with the UNESCO Institute for Information Technologies in Education (UNESCO-IITE), the Arab League Educational, Cultural, and Scientific Organization (ALECSO), the Commonwealth of Learning (COL), the International Society for Technology in Education (ISTE), and the Southeast Asian Ministers of Education Organization (SEAMEO), have jointly initiated the "Global Smart Education Network (GSENet)." The aim is to establish a partnership comprising researchers, practitioners, technology experts, and policymakers, to support the rethinking and redesign of education systems at the national, regional, and school levels. This initiative seeks to formulate strategic solutions and approaches to reshape and innovate education and establish an equitable, inclusive, and high-quality smart education system.

Organizational Structure

Organizer

- Beijing Normal University (BNU)

Co-organizer

- UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Hosts

- Smart Learning Institute, Beijing Normal University (SLIBNU)
- Faculty of Education, Beijing Normal University
- Faculty of Psychology, Beijing Normal University
- China Institute of Education and Social Development
- National Engineering Research Centre of Cyberlearning and Intelligent Technology (CIT)

Partners

- Arab League Educational, Cultural and Scientific Organization (ALECSO)
- Commonwealth of Learning (COL)
- International Society for Technology in Education (ISTE)
- Southeast Asian Ministers of Education Organization (SEAMEO)
- UNESCO International Research and Training Center for Rural Education (INRULED)
- Collaborative Innovation Centre of Assessment for Basic Education Quality, China
- State Key Laboratory of Virtual Reality Technology and Systems, China
- Educational Informatization Strategy Research Base, Ministry of Education, P.R.China
- China Information Technology Education Magazine

Co-Chairs of the Conference

● Prof. CHENG Jianping

Secretary of the Party Committee, Beijing Normal University, China;

Director of the Council of Beijing Normal University, China;

Chairman of National Engineering Research Centre of Cyberlearning and Intelligent Technology, China

● Prof. ZHAO Qinping

Academician of Chinese Academy of Engineering;

Professor at Beihang University, China;

Director of State Key Laboratory of Virtual Reality Technology and Systems, China

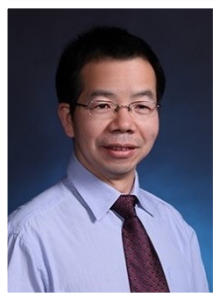# Co-Chairs of Program Committee

- **Prof. ZHOU Zuoyu**

Vice President of Beijing Normal University, China

- **Prof. ZHAN Tao**

Director of UNESCO Institute for Information Technologies in Education

- **Prof. HUANG Ronghuai**

Co-Dean of Smart Learning Institute of Beijing Normal University, China

Members of Program Committee

Asha S. Kanwar	President & CEO of Commonwealth of Learning (COL)
Habibah Abdul Rahim	Director of SEAMEO Secretariat
John Shawe-Taylor	Director of UNESCO Center in Artificial Intelligence (UNESCO IRCAI)
Martin Benavides	Director of UNESCO International Institute for Educational Planning (UNESCO IIEP)
Mohamed Jemni	Director of ICT Department, ALECSO
Moshed M Ahmed	Director of Department of Development and Sustainability, AIT
Quentin Wodon	Director of UNESCO International Institute for Capacity Building in Africa (UNESCO IICBA)
Richard Culatta	Chief Executive Officer of International Society for Technology in Education (ISTE)
Songheang Ai	Director of SEAMEO Regional Centre for Technical Education Development (SEAMEO TED)
WANG Libing	Director a.i., Chief of Section for Educational Innovation and Skills Development (EISD), UNESCO Multisectoral Regional Office in Bangkok, Thailand
BIE Rongfang	Director of Center of Information & Network Technology, Beijing Normal University
CHEN Guangju	Vice Director of School Affairs Committee and Vice President of Alumni Association of Beijing Normal University
CHEN Li	Director of Technical Committee of National Engineering Research Centre of Cyberlearning and Intelligent Technology
GUO Jiong	Executive Deputy Director of Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China
LI Ying	Secretary General of CEEIA
LI Youzeng	Former Vice President of Capital Normal University
LIU Dejian	Co-Dean of Smart Learning Institute, Beijing Normal University; Chairman of NetDragon Websoft Inc.

Members of Program Committee

LUO Fang	Vice Dean of Faculty of Psychology, Beijing Normal University
SONG Shanping	Executive Director of China Instutute of Education and Social Development
TONG Lili	Deputy Director of Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China
WANG Zhuzhu	Member of the Expert Group of "Smart Education Demonstration Zone" Construction Project initiated by the Ministry of Education, P.R.China
WU Fati	Dean of School of Educational Technology, Faculty of Education, Beijing Normal University
XIN Tao	Director of Collaborative Innovation Centre of Assessment for Basic Education Quality, China
WU Di	Executive Deputy Director of Educational Informatization Strategy Research Base (Central China), Ministry of Education, P.R.China
ZENG Xiaodong	Executive Director of UNESCO International Research and Training Center for Rural Education (UNESCO INRULED)
ZHAO Zhiqun	Professor at Institute of Vocational and Adult Education, Faculty of Education, Beijing Normal University, China
ZHU Xudong	Dean of Faculty of Education, Beijing Normal University

Agenda Overview

Opening Ceremony

& Forum on Educational Digitalization and Lifelong Learning

- **Forum on the New Ecology of Regional Smart Education (Director Forum)**
- **Forum on the Digital Transformation of Regional Education (Director Forum)**
- **Teacher Forum on Innovative Practice of Smart Education**
- **Student Forum on Design for Future Education**

- **Forum on Educational Digitalization Strategy and Policy Planning**
- **Forum on Data Governance and Cognitive Development**
- **Forum on Generative Artificial Intelligence and Futures of Education**
- **International Forum on Generative AI Large Models and Psychological Assessment**

- **Forum on Teacher Digital Competences and Innovative Talent Cultivation Model (Teacher Education)**
- **Forum on Youth Skills Development and Digital Transformation (Vocational Education)**
- **Forum on Smart Village and Rural Education Transformation (Rural Education)**

- **Forum on Digital Campus and Intelligent Educational Equipment (Learning Environment)**
- **Forum on New Teaching and Learning Model Integrating Information Technology (Teaching Model)**
- **Forum on Information Technology-supported Innovative Comprehensive Evaluation of Students (Evaluation Reform)**

Forum on Technology-Empowered Educational Transformation

& Closing Ceremony

Other Activities

- **The 6th Global Competition on Design for Future Education**
- **TVET Leadership and Management Benchmarking Programme**
- **Smart Education Exhibition**

Forum Topics

——Forum on Educational Digitalization and Lifelong Learning: The digitalization process of the entire education system, including all elements, processes, businesses, and fields; the digital foundation and public service system for a learning society; the transformative pathways and cooperative mechanisms for promoting digital transformation in lifelong learning; national strategies for smart education.

——Forum on Educational Digitalization Strategy and Policy Planning: Addressing learning crises and educational challenges; policy planning and roadmaps for educational digitalization; development of educational think tanks in the digital age.

——Forum on Data Governance and Cognitive Development: New policies and trends in data governance; intelligent algorithm design; cognitive development assessment; methods and case studies of social experimentation in education.

——Forum on Generative Artificial Intelligence and Futures of Education: Opportunities and challenges of the generative artificial intelligence in education; reshaping education through artificial intelligence; human-machine collaborative teaching; ethical applications of artificial intelligence in education.

——International Forum on Generative AI Large Models and Psychological Assessment: Generative AI Large Models compared to human abilities; Generative AI Large Models based psychological assessment; Generative AI Large Models and emotional perception.

——Forum on the New Ecology of Regional Smart Education: Connotation and characteristics of smart education; construction features of smart education demonstration zones; smart learning environments; public service systems for smart education; mechanisms for sustainable development of regional smart education; assessment of the development of smart education.

——Forum on the Digital Transformation of Regional Education: Implementation plan for digital transformation of education; construction and application of smart education platform; big data application in education; artificial intelligence-supported construction of teachers' team; new teaching and learning model integrating information technology; collaborative innovation mechanism for education digitalization.

—— Forum on New Teaching and Learning Model Integrating Information Technology: Curriculum construction under the background of digital transformation of education; normalized application of deep integration of information technology in teaching; technology empowered evaluation and homework reform.

Forum Topics

——Forum on Teacher Digital Competences and Innovative Talent Cultivation Model: Definition, development and assessment of digital literacy and skills; selection criteria and methods, training models, and evaluation systems for innovative talents; characteristics and growth patterns of digital generation students; education informatization leadership; smart campus and new form of future school.

——Forum on Youth Skills Development and Digital Transformation: The integration of job position, curriculum system, vocational skills competition and vocational skill certificate to cultivate skillful youth talents; construction of digital campuses for vocational education; teacher workforce development for industry-education integration; development of digital courses and reforms in teaching methods; TVET Leadership Benchmarking Program.

——Forum on Smart Village and Rural Education Transformation: Rural education revitalization and revitalizing rural areas through education; opportunities and challenges of digital transformation in rural education; teacher workforce development in rural areas; online and distance education in rural areas.

——Forum on Information Technology-supported Innovative Comprehensive Evaluation of Students: Theories, models, and indicator systems for comprehensive quality evaluation of students; performance evaluation technology supported by multimodal data; data-driven reform and innovation of regional comprehensive quality evaluation of students.

——Forum on Digital Campus and Intelligent Educational Equipment: Construction standards and application of digital campus; intelligent education equipment and technical solutions; assessment of intelligent education products; industry-university-research collaborative innovation.

——Teacher Forum on Innovative Practice of Smart Education: Teaching methods of the integration of technology and subject courses; practice and exploration of the application of technology education; teachers' professional development in the informationized environment.

——Student Forum on Design for Future Education: Creative solution design for future campuses, intelligent learning spaces, virtual teachers, etc.; smart learning methods; excellent works of the Global Competition on Design for Future Education.

——Forum on Technology-Empowered Educational Transformation: Research achievements of major scientific and technological projects in the field of smart education; pathways for mutual empowerment of technology and education; application scenarios and development trends of intelligent technology in education.

Agenda

Date	Beijing Time	Agenda	Venue
Friday 18 August, 2023	9:00-12:30	Opening Ceremony & Forum on Educational Digitalization and Lifelong Learning	Sports Hall
	14:00-18:30	Forum on Data Governance and Cognitive Development	Sports Hall
		Forum on Generative Artificial Intelligence and Futures of Education	Lecture Hall No.1
		Forum on Educational Digitalization Strategy and Policy Planning	Lecture Hall No.2
Saturday 19 August, 2023	9:00-12:30	Forum on the New Ecology of Regional Smart Education	Sports Hall
		Forum on New Teaching and Learning Model Integrating Information Technology	Lecture Hall No.1
		International Forum on Generative AI Large Models and Psychological Assessment	Lecture Hall No.2
	14:00-18:30	Forum on the Digital Transformation of Regional Education	Sports Hall
		Forum on Youth Skills Development and Digital Transformation	Lecture Hall No.1
		Forum on Information Technology-Supported Innovative Comprehensive Evaluation of Students	Lecture Hall No.2
Sunday 20 August, 2023	9:00-12:30	Forum on Teacher Digital Competences and Innovative Talent Cultivation Model	Sports Hall
		Forum on Digital Campus and Intelligent Educational Equipment	Lecture Hall No.2
	9:00-16:30	Forum on Smart Village and Rural Education Transformation	Lecture Hall No.1
	14:00-16:30	Teacher Forum on Innovative Practice of Smart Education	Lecture Hall No.2
		Student Forum on Design for Future Education	F4, Teaching Building No.2
	14:00-18:30	Forum on Technology-Empowered Educational Transformation & Closing Ceremony	Sports Hall

Opening Ceremony
& Forum on Educational Digitalization and Lifelong Learning

Organizer: Beijing Normal University (BNU)

Co-Organizer: UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Time: **18 August, 2023 09:00-12:30 (UTC+8)**

Venue: Sports Hall

Opening Ceremony	
Opening Remarks 09:00-09:20	Speakers: • H.E. Mr CHEN Jie, China's Vice Minister of Education and Chairperson of the Chinese National Commission for UNESCO • Prof. ZHAO Qinping, Academician of the Chinese Academy of Engineering, China • Prof. MA Jun, President of Beijing Normal University, China Moderator: • Prof. ZHOU Zuoyu, Vice President of Beijing Normal University, China
High-level Dialogue 09:20-10:10	Speakers: • H.E. Mrs. Leela Devi Dookun-Luchoomun, Vice-Prime Minister; Minister of Education, Tertiary Education, Science and Technology, Mauritius • H.E. Mr. Azat Atayev, Deputy Minister of Education, Turkmenistan • H.E. Prof. Mahmoud Zouaoui, Chief of the Staff of the Ministry of Higher Education and Scientific Research, Tunisia Moderator: • Prof. ZHOU Zuoyu, Vice President of Beijing Normal University, China

Outcome Release 10:10-10:30	Speaker: *Fundamental Theoretical Innovations of Internet-Driven Educational Transformation* • Prof. CHEN Li, Director of Technical Committee of National Engineering Research Centre of Cyberlearning and Intelligent Technology; Professor at Beijing Normal University, China Moderator: • Prof. ZHOU Zuoyu, Vice President of Beijing Normal University, China

Forum on Educational Digitalization and Lifelong Learning

Keynote Speech 10:30-12:30	Speakers: *Reflection and Practice on the New System of Talent Cultivation in the New Era* • Prof. LV Jian, Academician of the Chinese Academy of Sciences, China *SMART Education for Transforming Lifelong Learning* • Prof. Asha S. Kanwar, President & CEO of Commonwealth of Learning (COL) *Green Education Driving the Development of High-Quality Education* • Prof. ZHANG Jun, Academician of the Chinese Academy of Engineering, China *How Can Digital Technology Empower the Transformation of Education?* • Dr. Martín Benavides, Director of UNESCO International Institute for Educational Planning (UNESCO IIEP) *A New Paradigm for Talent Cultivation in the Digital Intelligence Era* • Prof. CHEN Xiaohong, Academician of the Chinese Academy of Engineering; Party Secretary of Hunan University of Technology and Business; Honorary Dean of Business School of Central South University; Director of Xiangjiang Laboratory, China

Keynote Speech 10:30-12:30	***Digital Learning Platforms and Skills for Teachers in Africa: The Experience of UNESCO-IICBA*** • Dr. Quentin Wodon, Director of UNESCO International Institute for Capacity Building in Africa (UNESCO IICBA) (Video) ***Use ICTs and AI to Develop Education in the Arab World*** • Mr. Mohamed Ould Amar, Director General of Arab League Educational, Cultural and Scientific Organization (ALECSO) (Video) Moderator: • Prof. ZHAN Tao, Director of UNESCO IITE

Forum on Data Governance and Cognitive Development

Hosts: Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China

China Academy of Information and Communications Technology (CAICT)

Longhua Education Bureau, Shenzhen City, Guangdong Province, China

World Broadband Association (WBBA)

Partners: China-Africa Leadership Development Institute, Tsinghua University (CALDI-THU)

iFLYTEK

Time: **18 August, 2023 14:00-18:30 (UTC+8)**

Venue: Sports Hall

Chairs: Prof. LI Zhengmao, Chairman of WBBA; Former President of China Telecom

Dr. TONG Lili, Deputy Director of Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China

Opening Remarks 14:00-14:20	Speakers: ***Data Governance in the Process of National Revitalization through Education*** • Mr. LEI Chaozi, Director, Department of Science, Technology and Informatization, Ministry of Education, P.R.China ***Global Trends in the Evolution of Cloud-Network Integration Technology and its Applications in Education*** • Ms. WANG Xiaoli, Deputy Party Secretary, China Academy of Information and Communications Technology, China Moderator: • Prof. CHEN Guangju, Vice Director of School Affairs Committee of Beijing Normal University, China
Keynote Speech 14:20-16:45	Speakers: ***Talk about Big Models and Educational Applications from the Perspective of ChatGPT*** • Mr LIU Ting, Vice President, Harbin Institute of Technology, China ***Digital Higher Education for the DAKAR ACTION PLAN of the FOCAC (Forum of China-Africa Co-operation) and Smart Implementation with AI*** • Prof. Mammo Muchie, Academician of Academy of Science of South Africa; Professor at Tshwane University of Technology, South Africa

Keynote Speech 14:20-16:45	*National Smart Education Platform for Primary and Secondary Schools Empowering High-Quality Development of K-12 Education* • Prof. TANG Yayang, Secretary of the Party Committee of Hunan University of Science and Technology, China *AIGC and Applications of Artificial Intelligence in Education* • Dr. TONG Lili, Deputy Director of Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China; Associate Professor at Beijing Normal University, China *Opportunities, Challenges, and Implementation Paths of Regional Education in the Intelligence Era* • Ms. MENG Ying, Director, Longhua Education Bureau, Shenzhen City, Guangdong Province, China *Reflection and Exploration on Bid Data Empowering Modern Education Governance* • Ms. MIAO Yaqin, Deputy Director, Changsha Municipal Education Bureau, Hunan Province, China *Artificial Intelligence and the Development Mechanism of Education in Thailand* • Dr. LI Renliang, Assistant Professor at National Institute of Development Administration, Thailand (Online) *Teaching and Learning of Science (Biology, Chemistry And Physics) Within an Integrated Mode, Mediated by the Pedagogical Technological Integrated Medium (Ptim) at Grade 9 Level* • Prof. Yashwantrao Ramma, School of Science & Mathematics, Mauritius Institute of Education, Mauritius (Video) Moderator: • Mr. LEI Mingyu, Senior Engineer of China Academy of Information and Communications Technology, China
Employment Ceremony &APP Release 16:45-17:00	**Release of "Pure Campus APP" (Official Version)** **Expert Employment Ceremony of Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China**

Roundtable Discussion 17:00-18:30	**Topic: Exploration of Assessment Pathways for Data Authenticity and Cognitive Adaptability in the Internet Environment** Speakers: • Ms. HUANG Xiaoting, Division Chief of Office of Academic Research, Guangzhou Municipal Education Bureau, Guangdong Province, China (Online) • Mr. HUANG Weilong, Vice Dean of Luohu Institute of Education Sciences, Shenzhen City, Guangdong Province, China • Dr. XIE Tao, Associate Professor, School of Educational Technology, Faculty of Education, Southwest University, China • Ms. WANG Xiuming, Teacher at Primary School Affiliated to Beijing Institute of Technology, China • Mr. SHENG Chengbin, Principal of the Ninth Primary School, Qitaihe City, Heilongjiang Province, China Moderator: • Mr. LEI Mingyu, Senior Engineer of China Academy of Information and Communications Technology, China

Forum on Generative Artificial Intelligence and Futures of Education

Hosts: School of Educational Technology, Faculty of Education, Beijing Normal University

Arab League Educational, Cultural and Scientific Organization (ALECSO)

International Society for Technology in Education (ISTE)

School of Artificial Intelligence, Beijing Normal University

Partner: NetDragon Websoft Inc.

Time: **18 August, 2023 14:00-18:30 (UTC+8)**

Venue: Lecture Hall No.1

Chairs: Prof. John Shawe-Taylor, Director, UNESCO Center in Artificial Intelligence (UNESCO IRCAI)

Prof. WU Fati, Dean of School of Educational Technology, Faculty of Education, Beijing Normal University, China

Keynote Speech 14:00-15:30	Speakers: ***Human-Centric Artificial Intelligence and Education*** • Prof. John Shawe-Taylor, Director of UNESCO IRCAI; Director of Centre for Computational Statistics and Machine Learning, UCL, UK ***Promoting Smart Learning Environments in the Arab World*** • Prof. Mohamed Jemni, Director of ICT Department, ALECSO ***Keeping up with the Times and Embracing the Future: The Insight of the Generative Artificial Intelligence's Impact on Education*** • Prof. HUANG Hua, Executive Dean of School of Artificial Intelligence, Beijing Normal University, China ***AI and the Future of Education – Moving from Reckless Hype toward Realistic Hope*** • Prof. Neil Selwyn, Monash University, Australia ***AI Empowered Education: New applications, Challenges and Requirements*** • Prof. LIANG Zheng, Vice Dean of Institute for AI International Governance, TsingHua University, China Moderator: • Prof. WU Fati, Dean of School of Educational Technology, Faculty of Education, Beijing Normal University, China

Human-machine Dialogue 15:30-16:45	**Topic: Opportunities and Challenges Generative AI Brings to Education** Speakers: • Prof. JIAO Jianli, Director of Research Center for Future Education, School of Information Technology in Education, South China Normal University, China • Ms. Annie Ning, Director of Asian Affairs, ISTE • Dr. Ahmed Tlili, Associate Professor at Beijing Normal University, China • Ms. FU Minjia, Information Technology Teacher at Lixian Primary School, Kecheng District, Quzhou City, Zhejiang Province, China • ZHONG Zixiao, Student of Grade 2022, the Second Middle School of Kangding City, Sichuan Province, China • ZHOU Runzhou, Forth-Grade Student, Sanhe Town Central Primary School, Tiantai County, Taizhou City, Zhejiang Province, China • Large Model Platforms Moderator: • Dr. LU Yu, Associate Professor of Advanced Innovation Center for Future Education, Beijing Normal University, China
Invited Speech 16:45-18:15	Speakers: ***The New Generation of Artificial Intelligence Calling for Innovation of the Industry-Education Integration in the Cultivation of Talents*** • Prof. GU Xiaoqing, East China Normal University; Director of Shanghai Engineering Research Center of Digital Education Equipment, China ***Experience, Efficiency and Effect: Exploring the Application of Generative Technologies in Teaching Content Production*** • Mr. CHEN Hong, Vice President and CTO of NetDragon Websoft Inc., China ***Exploration and Application Practice of Artificial Intelligence Education Brain in Baoshan District*** • Mr. ZHANG Zhi, Director of Education Bureau of Baoshan District, Shanghai, China ***Artificial Intelligence Empowerment and Digital Intelligence: AI Promoting High-Quality Development of Education*** • Mr. ZHOU Jiafeng, Vice President of iFLYTEK, China ***Focusing on Change and Exploring Innovation - The Qingdao Paradigm of Artificial Intelligence Promoting the Development of Educational Modernization*** • Mr. LI Xiaoyuan, Chief Inspector of Schools, Qingdao Municipal Education Bureau, Shanzdong Province, China

Invited Speech 16:45-18:15	*How AI Teaching Intelligent Hardware Realizes L5 Level Autonomous Driving in Education* • Ms. LIANG Jing, Founding Partner of Squirrel Ai, China *Learning Environments with Conversational Agents* • Prof. Arthur Graesser, Emeritus Professor of University of Memphis, USA (Video) Moderator: • Dr. LU Yu, Associate Professor of Advanced Innovation Center for Future Education, Beijing Normal University, China
Outcome Release 18:15-18:30	*Youthful Ingenuity: A Collection of AI Innovations by Chinese Teenagers* Posted by: • Dr. ZHANG Jinbao, Associate Professor, School of Educational Technology, Faculty of Education, Beijing Normal University, China • **Alibaba Cloud for Youth Initiative (Video)**

Forum on Educational Digitalization Strategy and Policy Planning

Hosts: China Institute of Education and Social Development

UNESCO International Institute for Educational Planning (UNESCO IIEP)

Commonwealth of Learning (COL)

Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China

Time: **18 August, 2023 14:00-18:30 (UTC+8)**

Venue: Lecture Hall No.2

Chairs: Ms. SONG Shanping, Executive Director of China Instutute of Education and Social Development, China

Prof. Asha S. Kanwar, President & CEO of COL

Dr. Martín Benavides, Director of UNESCO IIEP

Opening Remarks 14:00-14:20	Speakers: • Ms. SONG Shanping, Executive Director of China Institute of Education and Social Development, China • Prof. Asha S. Kanwar, President & CEO of COL • Dr. Martín Benavides, Director of UNESCO IIEP Moderator: • Ms. LI Wen, Director of Think Tank Management Office, Beijing Normal University, China
Keynote Speech 14:20-17:00	Speakers: *The Strategic Path of Building a Powerful Education Country* • Prof. ZHANG Zhiyong, Director of National High-end Think Tank of Education Survey Center, Beijing Normal University, China *The Key Issues of Digital Development of Vocational Education* • Prof. SUN Shanxue, Graduate School of Education, Beijing Foreign Studies University, China *Widening Access to Higher Education Through Digital Technologies* • Mr. Raúl Valdés-Cotera, Team Leader of the UNESCO Lifelong Learning Policies and Strategies Programme at UNESCO Institute for Lifelong Learning (UIL) • Mrs. Aneeta Ghoorah, Secretary General of Mauritius National Commission for UNESCO

Keynote Speech 14:20-17:00	***The Connotation and Path of Digital Transformation in Education*** • Prof. YANG Zongkai, President of Wuhan University of Technology, China ***Empowering Minds with Technology in Transforming Education*** • Ms. Harlena Harris, Program Director of APEC Human Resources Development Working Group (APEC HRDWG) • Prof. Kriengsak Chareonwongsak, Chairman of the Nation-Building Institute International (NBII), Thailand; Senior Fellow at Harvard University, USA ***Learning FOR and IN the Digital World*** • Mr. Andreas Schleicher, Director for the Directorate of Education and Skill, OECD (Video) ***The Future of Education in Southeast Asia: Megatrends and Way Forward*** • Dr. Ethel Agnes Pascua-Valenzuela, Advisor of ASEAN on the Future of Education ASCC Research and Development Platform, Association of Southeast Asian Nations (ASEAN) Secretariat (Video) Moderator: • Prof. YANG Junfeng, Hangzhou Normal University; Deputy Director of Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China
Invited Speech 17:00-18:30	Speakers: ***Practice and Exploration of Smart Education Promoting High-Quality and Balanced Development of Regional Compulsory Education*** • Mr. LI Yahong, Director, Education and Sports Bureau of Xigong District, Luoyang City, Henan Province, China ***Construction and Exploration of the "Digital Brain" of Wenzhou Education*** • Mr. HOU Yuandong, Director of Wenzhou Educational Technology Center, Zhejiang Province, China ***A Practical Path of Digital Transformation of Regional Education*** • Ms. XIE Ping, Director of Yuncheng Center for Education Technology, Shanxi Province, China • Dr. Kalyarat Sukruang, Chairman of ISW; CEO of GoldenZone Wellness, Thailand ***Ecosystem and Harmony in the Digital Intelligence Classroom*** • Mr. LUO Cheng, Director of Principal's Office at Fengming Senior High School, Tongxiang City, Zhejiang Province, China ***Technology Empowered Educational Transformation*** • Ms. Ansa Javed, Deputy Director of Planning and Development, Bacha Khan University Charsadda, Pakistan

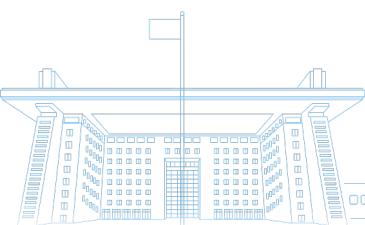|	
Invited Speech 17:00-18:30	***Empowering Kindergartens with Digital Intelligence: Improving the Quality of Kindergarten Care and Education*** • Ms. LI Ahui, Principal, Kaiyue Kindergarten of Xiaoshan District, Hangzhou City, China ***The Arrival of Large Model Era Will Trigger the Fission of Education System*** • Ms. WU Yanjing, Supervisor of China Galaxy Securities TMT Research Group and Chief Analyst for the Computer Industry, China ***An Emerging Field: Artificial Intelligence in education in Latin America*** • Dr. Axel Rivas, Director of School of Education, Universidad de San Andrés, Argentina (Video) Moderator: • Dr. JIANG Yanshuang, Office Director of Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China

Forum on the New Ecology of Regional Smart Education

Hosts: Secretariat of Expert Group, Ministry of Education's "Smart Education Demonstration Zone" Construction Project, P.R.China

Educational Informatization Strategy Research Base, Ministry of Education, P.R.China

Partners: UNISEDU

H3C

Time: **19 August, 2023 09:00-12:30 (UTC+8)**

Venue: Sports Hall

Chairs: Prof. ZHU Zhiting, Distinguished Professor at East China Normal University, China

Ms. WANG Zhuzhu, Member of the Expert Group of the "Smart Education Demonstration Zone" Construction Project initiated by the Ministry of Education, P.R.China

Opening Remarks 09:00-09:15	**List of Smart Education Best Cases for 2023 and Cases Collection for 2022** Speaker: • Mr. REN Changshan, Division Chief of the Division of Education Informatization and Network Security, Department of Science, Technology and Informatization, Ministry of Education, P.R.China
Keynote Speech 09:15-10:00	Speakers: ***The Development of Smart Education Theory and Practice in China*** • Prof. ZHU Zhiting, Distinguished Professor at East China Normal University, China ***Digitalization Leads the High-Quality and Balanced Development of Provincial K-12 Education*** • Ms. MA Li, Deputy Director, Department of Education of the Ningxia Hui Autonomous Region, China Moderator: • Prof. YANG Junfeng, Hangzhou Normal University; Deputy Director of Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China
Regional Report 10:00-11:25	Speakers: ***Construction, Application, Integration and Innovation: The New Ecology of Smart Education in Haidian District in the Context of Digital Transformation*** • Mr. DU Rongzhen, Director, Haidian Education Committee, Beijing Municipality, China

Regional Report 10:00-11:25	***The "SMART" Model of Smart Education Development in Wenzhou*** • Mr. ZHENG Huandong, Director, Wenzhou Municipal Education Bureau, Zhejiang Province, China ***Data-Driven Modernization of Educational Governance: Nanchang Practice*** • Ms. HUANG Yan, Director, Nanchang Municipal Education Bureau, Jiangxi Province, China ***A New Form of High-Quality Education Development: The Minhang Practice of Creating a Smart Education Demonstration Zone*** • Mr. HE Meilong, Director, Minhang Education Bureau, Shanghai Municipality, China ***Constructing a National "Smart Education Demonstration Zone" to Propel High-Quality Development of K-12 Education*** • Mr. ZHU Jun, Deputy Director, Wuhan Municipal Education Bureau, Hubei Province, China Moderator: • Ms. WANG Zhuzhu, Member of the Expert Group of "Smart Education Demonstration Zone" Construction Project initiated by the Ministry of Education, P.R.China
Invited Speech 11:25-11:45	Speakers: ***The Light of Technology Illuminates the Path of Digital Transformation and Promotes High-Quality Development of Education*** • Mr. QIAO Yue, Program Manager of UNISEDU, China ***Co-Creating the Future of Education with Digitalization: Educational Reform Promoted by Regional Education Digital Base*** • Ms. SHEN Hui, Director, Government and Public Service Systems Department of H3C Business Group, China Moderator: • Ms. WANG Zhuzhu, Member of the Expert Group of "Smart Education Demonstration Zone" Construction Project initiated by the Ministry of Education, P.R.China

Director Dialogue 11:45-12:30	**Topic: Opportunities and Challenges in Advancing the Development of Smart Education** Speakers: • Ms. DUAN Yuanli, Deputy Director, Bengbu Municipal Education Bureau, Anhui Province, China • Mr. LIN Ping, Municipal Level 1 Division Rank Official, Guangzhou Municipal Education Bureau, Guangdong Province, China • Ms. JIANG Xiaomei, Director, Wuhou Education Bureau, Chengdu City, Sichuan Province, China • Mr. GU Ruihua, Director of Suzhou Center for Education Technology, Jiangsu Province, China Moderator: • Ms. WANG Zhuzhu, Member of the Expert Group of "Smart Education Demonstration Zone" Construction Project initiated by the Ministry of Education, P.R.China

Forum on New Teaching and Learning Model Integrating Information Technology

Host: Capital Normal University

Time: **19 August, 2023 09:00-12:30 (UTC+8)**

Venue: Lecture Hall No.1

Chair: Prof. LI Youzeng, Former Vice President of Capital Normal University, China

Opening Remarks 09:00-09:15	Speaker: • Prof. CAI Chun, Vice President of Capital Normal University, China Moderator: • Prof. CAI Ke, Vice Dean of Institute of Artificial Intelligence in Education, Capital Normal University, China
Keynote Speech 09:15-10:15	Speakers: ***Technology-enabled Integration of Teaching, Learning and Assessment*** • Dr. MO Jingqi, Deputy Director of the Department of National Textbook (National Textbook Committee Office), Ministry of Education, P.R.China ***The Theory and Practice of Integration of Information Technology and Teaching*** • Mr. MA Tao, Member of Informatization Teaching Expert Committee, Teaching Committee of Basic Education, Ministry of Education, P.R.China ***Progress of the Experimental Zone of "New Teaching and Learning Model Based on Teaching Reform and Integration of Information Technology", Initiated by Ministry of Education of P.R.China*** • Mr. ZHANG Quan, Division Chief, Division of Teaching and Equipment Informatization, Department of Basic Education, Ministry of Education, P.R.China Moderator: • Prof. CAI Ke, Vice Dean of Institute of Artificial Intelligence in Education, Capital Normal University, China
Outcome Release 10:15-10:30	***Progress Report and Cases of the Experimental Zone of "New Teaching and Learning Model Based on Teaching Reform and Integration of Information Technology", Initiated by Ministry of Education of P.R.China*** Posted by: • Prof. CAI Ke, Vice Dean of Institute of Artificial Intelligence in Education, Capital Normal University, China

Regional Discussion 10:30-11:30	**Topic: Regional Advancements in the Integration of Information Technology and Teaching** Speakers: • Mr. LI Zhi, Director, Nanan Education Committee, Chongqing Municipality, China • Ms. ZHANG Yongchun, Director, Xigang Education Bureau, Dalian City, China • Mr. Guo Jinhua, Director, Huangpu Education Bureau, Shanghai Municipality, China • Ms. JIANG Libing, Deputy Director, Yinchuan Education Bureau, Ningxia Hui Autonomous Region, China • Mr. WANG Yingjun, Dean, Zibo Institute of Education Informatization, Shandong Province, China • Mr. LUO Qinghong, Dean, Chengdu Research Institute of Education Science, Sichuan Province, China Moderator: • Prof. CAI Ke, Vice Dean of Institute of Artificial Intelligence in Education, Capital Normal University, China
Principal Roundtable Discussion 11:30-12:30	**Topic: Schools' Explorations in the Integration of Information Technology and Teaching** Speakers: • Ms. LI Hua, Principal of Shuren Jingrui Primary School, Chongqing Municipality, China • Ms. SHAN Youqing, Principal of Xining Yangguang Primary School, Qinghai Province, China • Ms. XIAO Chen, Principal of Xingyang School, Suzhou Industrial Park, Jiangsu Province, China • Mr. CAO Yang, Vice Principal of Shenzhen Senior High School, Guangdong Province, China Moderator: • Prof. CAO Xiaoming, Dean of Faculty of Education, Shenzhen University; Member of Informatization Teaching Expert Committee, Teaching Committee of Basic Education, Ministry of Education, P.R.China

International Forum on Generative AI Large Models and Psychological Assessment

Host: Faculty of Psychology, Beijing Normal University

Partner: Collaborative Innovation Center of Assessment for Basic Education Quality

Time: **19 August, 2023 09:00-12:00 (UTC+8)**

Venue: Lecture Hall No.2

Chair: Prof. LUO Fang, Vice Dean of Faculty of Psychology, Beijing Normal University, China

Keynote Speech 9:00-12:00	Speakers: *Generative AI and Psychometrics* • Prof. John Rust, Cambridge University; Associate Fellow of the Leverhulme Centre for the Future of Intelligence; Former Director of the Psychometrics Centre, UK *On the Fakability of Machine-inferred Personality Scores* • Prof. FAN Jinyan, Department of Psychological Sciences, Auburn University, America *Automated Scoring Attempts Based on Large Models* • Prof. LUO Fang, Vice Dean of Faculty of Psychology, Beijing Normal University, China *AI's Creative Promise: For Better or For Worse?* • Dr. Yeun Joon Kim, Associate Professor at the University of Cambridge Judge Business School, UK *LLM and Psychological Assessment: Opportunities, Challenges, and Development Thoughts* • Mr. LI Xin, Vice Dean of iFLYTEK AI Research Institute, China *No Such Thing As Artificial General Creativity* • Dr. SUN Luning, Research Director of the University of Cambridge Psychometrics Centre, UK Moderator: • Dr. SUN Luning, Research Director of the University of Cambridge Psychometrics Centre, UK

Forum on the Digital Transformation of Regional Education

Hosts: Educational Informatization Strategy Research Base, Ministry of Education, P.R.China

National Engineering Research Centre of Cyberlearning and Intelligent Technology

Partner: Luoyang Jingshi Ruidao Intelligent Technology Co., Ltd

Time: 19 August, 2023 14:00-18:30 (UTC+8)

Venue: Sports Hall

Chairs: Prof. WU Di, Executive Deputy Director of Educational Informatization Strategy Research Base (Central China), Ministry of Education, P.R.China

Prof. GUO Jiong, Executive Deputy Director of Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China

Prof. YANG Junfeng, Deputy Director of Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China

Keynote Speech 14:00-14:40	Speakers: ***Digital Empowerment Promoting the High-Quality and Balanced Development of Education: the Exploration and Practice of Digital Transformation in Education in Sichuan Province*** • Mr. CUI Changhong, Deputy Director, Sichuan Provincial Department of Education, China ***Unveiling the Path: Teacher Readiness for Digital Transformation of Education and the Imperative of AI Literacy*** • Prof. Chee-Kit Looi, Research Chair Professor of Learning Sciences at The Education University of Hong Kong, China Moderator: • Prof. GUO Jiong, Executive Deputy Director of Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China
Regional Report 14:40-17:00	Speakers: ***Exploration and Practice of Intelligence Empowered Value-added Assessment of Education Quality in Local Secondary School*** • Mr. SUN Chuangui, Director, Changsha Municipal Education Bureau, Hunan Province, China ***Constructing a New Ecology for Digital Education Development that Adapts to the Whole Environment and Encompasses all Elements: the Exploration of Zibo City*** • Mr. SUN Yingtao, Director, Zibo Education Bureau, Shandong Province, China

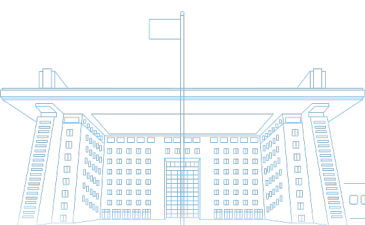|	
Regional Report 14:40-17:00	***Promoting the Digital Transformation of Education in the Whole District In the Context of the Strategy of Strengthening Education*** • Ms. XIONG Qiuju, Director, Changning Education Bureau, Shanghai Municipality, China ***Constructing Digital System to Empower High-Quality Education*** • Ms. DENG Yuhua, Director, Yichang Municipal Education Bureau, Hubei Province, China ***Integrated Planning, Multiple Exploration and Collaborative Creation: Jointly Constructing a New Future for Regional Smart Education Practice*** • Mr. LI Tingyi, Director, Education Bureau of Liangjiang New Area, Chongqing Municipality, China ***Promoting Digital Transformation of Education to Construct a New Pattern of Teaching*** • Mr. LIU Xiaoqi, Director, Fuzhou Education and Sports Bureau, Jiangxi Province, China ***Deepening Smart Education Development to Solidly Promote the Digital Transformation of Education in Ordos*** • Ms. ZHANG Yan, Deputy Director, Erdos Education and Sports Bureau, Inner Mongolia Autonomous Region, China ***Empowering and Reshaping: Fuzhou's Practice of Digital Education Governance*** • Mr. YOU Xin, Director, Fuzhou Municipal Education Bureau, Fujian Province, China (Represented by Mr. XU Zhanghai, Deputy Chief Inspector of Schools, Fuzhou Municipal Education Bureau, Fujian Province, China) Moderator: • Ms. HUANG Lulu, Editor of *China Education Daily*, Special Issue on Informatization and Smart Education, China
Invited Speech 17:00-17:45	Speakers: ***Practical Application Cases of Digital Transformation in Regional Education*** • Mr. LIU Chang, Founder&Chairman&CEO of 17 Education & Technology, China ***Empowering Digital Transformation with Human-Machine Collaboration to Drive the High-Quality Development of Education*** • Mr. YANG Linfeng, Co-founder&Chairman of Onion Academy, China

Invited Speech 17:00-17:45	***Practice and Exploration of High-Quality and Balanced Development in Compulsory Education Promoted by Digital Transformation*** • Mr. NAN Hao, CEO of Luoyang Jingshi Ruidao Intelligent Technology Co., Ltd, China Moderator: • Ms. HUANG Lulu, Editor of *China Education Daily*, Special Issue on Informatization and Smart Education, China
Director Interview 17:45-18:30	**Topic: Mechanisms and Pathways for Digital Transformation in Regional Education** Speakers: • Mr. ZHOU Wenyang, Director, Public Service Bureau of Administration of Chongqing High-tech Industrial Development Zone, China • Mr. TAO Zifu, Deputy Director, Hexi Education Bureau, Tianjin Municipality, China • Ms. QU Fei, Director, Dadong Education Bureau, Liaoning Province, China • Mr. LI Bing, Deputy Director, Wuhu Municipal Education Bureau, Anhui Province, China • Ms. ZHANG Ying, Chief Inspector of Schools, People's Government of Chenghua District, Chengdu City, Sichuan Province, China Moderator: • Ms. HUANG Lulu, Editor of *China Education Daily*, Special Issue on Informatization and Smart Education, China

Forum on Youth Skills Development and Digital Transformation

Hosts: Smart Learning Institute of Beijing Normal University (SLIBNU)

Educational Equipment Committee of CEAIE

SEAMEO Regional Centre for Technical Education Development (SEAMEO TED)

Time: **19 August, 2023 14:00-18:30 (UTC+8)**

Venue: Lecture Hall No.1

Chairs: Prof. WANG Libing, Director a.i., Chief of Section for Educational Innovation and Skills Development (EISD), UNESCO Multisectoral Regional Office in Bangkok, Thailand
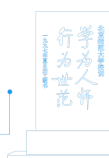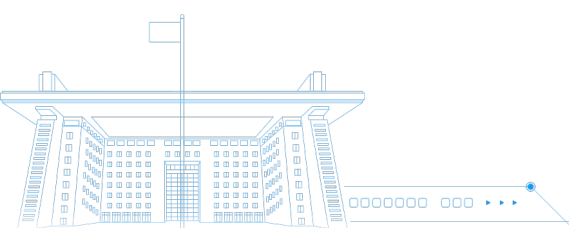
Dr. Songheang Ai, Director of SEAMEO Regional Centre for Technical Education Development (SEAMEO TED)

Prof. ZHAO Zhiqun, Institute of Vocational and Adult Education, Faculty of Education, Beijing Normal University, China

Opening Remarks 14:00-14:15	Speakers: • Mr. Shahbaz Khan, Director of the UNESCO Office in Beijing and UNESCO Representative to China (Video) Moderator: • Dr. BAI Bin, Vice Director of Institute of Vocational and Adult Education, Faculty of Education, Beijing Normal University, China
Keynote Speech 14:15-16:00	Speakers: *Advancing TVET and Skills Development: Key Strategies for Revitalization* • Prof. WANG Libing, Director a.i., Chief of Section for Educational Innovation and Skills Development (EISD), UNESCO Multisectoral Regional Office in Bangkok, Thailand *From Digital Natives to Digital Leaders: Empowering Youth with Skills of Tomorrow* • Mr. Mark Boris Andrijanič, Former Minister of Digital Transformation, Slovenia *Digitalization Empowering the "Three Education Reforms" in Vocational Education* • Prof. ZENG Tianshan, Deputy Director of Center for Vocational Education Development, Ministry of Education, P.R.China (CVED) *Digital Transformation and Skills Development* • Dr. Songheang Ai, Director of SEAMEO Regional Centre for Technical Education Development (SEAMEO TED)

Keynote Speech 14:15-16:00	***Progress and Future Prospects of Digital Transformation in Vocational Education*** • Ms. YI Fan, Department of Vocational and Adult Education, Ministry of Education, P.R.China Moderator: • Dr. BAI Bin, Vice Director of Institute of Vocational and Adult Education, Faculty of Education, Beijing Normal University, China
Invited Speech 16:00-17:20	Speakers: ***New Concepts Related to the Informationization of Teaching Resources in Vocational Education*** • Prof. ZHAO Zhiqun, Institute of Vocational and Adult Education, Faculty of Education, Beijing Normal University, China ***Improving the Overall Energy Level of Teaching to Create a Model of Digital Transformation in Vocational Education*** • Prof. HE Hui, President of Zhejiang College of Construction, China ***Future Proofing Your Talent*** • Dr. Pietro Borsano, Deputy Executive Director of the Chulalongkorn School of Integrated Innovation (ScII), Thailand ***Exploration of Practical Art Teaching in Rural Revitalization*** • Prof. LIN Lecheng, Deputy Director of the School Academic Committee, Chengdu Vocational University of the Arts, China ***Digital Technologies in Education and the Crucial Role of Digital Skills*** • Dr. Alexandre Barbosa, Head of Regional Center for Studies on the Development of the Information Society (CETIC.br), Brazil (Video) Moderator: • Dr. Boulus Shehata, Faculty of Education, Beijing Normal University, China
Signing Ceremony 17:20-17:30	**Vocational Education Digital Transformation Cooperation Signing Ceremony**

Panel Discussion 17:30-18:30	**Topic: Unlocking Digital Opportunities to Rise Together—Empowering Youth with Inclusive Digital Skills** Speakers: • Mr. Mark Boris Andrijanič, Former Minister of Digital Transformation, Slovenia • Dr. Dorothy Okello, Dean, School of Engineering, Makerere University, Uganda • Prof. YANG Wenming, Shenzhen Polytechnic, China • Prof. Ramlee Bin Mustapha, Professor in TVET, Department of Engineering Technology, Faculty of Technical and Vocational Education, Sultan Idris Education University, Malaysia Moderator: • Ms. KONG Qingling, Project Officer, Section of Higher Education, UNESCO
14-20 August	**TVET Leadership and Management Benchmarking Programme**

Forum on Information Technology-Supported Innovative Comprehensive Evaluation of Students

Host: Research Institute of K-12 Educational Big Data Application, Beijing Normal University

Time: **19 August, 2023 14:00-18:00 (UTC+8)**

Venue: Lecture Hall No.2

Chair: Prof. CHEN Li, Beijing Normal University, China

Opening Remarks 14:00-14:10	Speaker: • Ms. SHU Hua, Deputy Director, Department of Science, Technology and Informatization, Ministry of Education, P.R.China Moderator: • Prof. CHEN Li, Beijing Normal University, China
Ketnote Speech 14:10-14:40	Speaker: ***Status and Progress of Information Technology-supported Students' Comprehensive Quality Evaluation*** • Prof. CHEN Li, Beijing Normal University, China
Outcome Release 14:40-15:10	***Educational Evaluation Reform and the Construction of Comprehensive Literacy Theory*** Posted by: • Prof. XIN Tao, Beijing Normal University, China Moderator: • Prof. ZHENG Qinhua, Beijing Normal University, China
Keynote Speech 15:10-16:25	Speakers: ***Multi-scenario Accompanying Data Collection and Aggregation Technology for Students' Comprehensive Quality Evaluation*** • Prof. ZHANG Zhaoli, Central China Normal University, China ***Intelligent Processing Technology for Students' Comprehensive Quality Evaluation*** • Dr. XU Wei, Associate Professor at Huazhong University of Science and Technology, China

Keynote Speech 15:10-16:25	***Performance Assessment Based on Intelligent Technology*** • Dr. CHAI Huanyou, Postdoctor of Beijing Normal University, China ***Technical Support System for Students' Comprehensive Quality Evaluation*** • Dr. WANG Huaibo, Postdoctor of Beijing Normal University, China Moderator: • Prof. ZHENG Qinhua, Beijing Normal University, China
Case Report 16:25-17:40	**Topic: Reform and Innovation of Students' Comprehensive Quality Evaluation Supported by Information Technology** Speakers: • Mr. LIU Yunsheng, Director, Chongqing Educational Evaluation Institute, China • Mr. NIE Tingfang, Deputy Director, Changsha Municipal Education Bureau, Hunan Province, China • Ms. WU Xue, Director, Yangquan Municipal Education Bureau, Shanxi Province, China • Mr. LI Zhaoduan, Vice Director, Teacher Training School of Fangshan District, Beijing Municipality, China • Mr. CHENG Yigui, Deputy Director, Nanhai Educational Development and Research Centre, Foshan City, Guangdong Province, China Moderator: • Prof. ZHENG Qinhua, Beijing Normal University, China
Summary & Outlook 17:40-18:00	Speaker: ***Outlook and Future Vision of the Pilot Project On Students' Comprehensive Quality Evaluation Supported by Information Technology*** • Prof. ZHENG Qinhua, Beijing Normal University, China

Forum on Teacher Digital Competences and Innovative Talent Cultivation Model

Hosts: UNESCO Institute for Information Technologies in Education (UNESCO IITE)

UNESCO International Institute for Capacity Building in Africa (UNESCO IICBA)

Key Research Institute of Humanities and Social Sciences for Universities, Ministry of Education, P.R.China

Smart Learning Institute of Beijing Normal University (SLIBNU)

NetDragon Websoft Inc.

Time: **20 August, 2023 09:00-12:30 (UTC+8)**

Venue: Sports Hall

Chairs: Dr. Quentin Wodon, Director of UNESCO IICBA

Prof. ZHAN Tao, Director of UNESCO IITE

Prof. LIU Dejian, Co-Dean of Smart Learning Institute of Beijing Normal University, China

Opening Remarks 09:00-09:15	Speakers: • Dr. Quentin Wodon, Director of UNESCO IICBA (Video) • Prof. ZHAN Tao, Director of UNESCO IITE Moderator: • Prof. SONG Huan, Director, Institute of Teacher Education Research, Faculty of Education, Beijing Normal University, China
Ketnote Speech 09:15-10:40	Speakers: • Dr. REN Youqun, Director of the Department of Teacher Education, Ministry of Education, P.R.China • Mr. CUI Tinghui, Deputy Director of Qinghai Provincial Department of Education, China ***Artificial intelligence, diagnostic assessment and teacher competencies: The keys to smart education*** • Prof. Gyöngyvér Molnár, Head of the Institute of Education, University of Szeged, Hungary ***Three Questions on Improving Teachers' Digital Literacy in the Digital Era*** • Prof. FENG Xiaoying, Faculty of Education, Beijing Normal University, China

Ketnote Speech 09:15-10:40	Moderator: • Prof. SONG Huan, Director of Institute of Teacher Education Research, Faculty of Education, Beijing Normal University, China
Awarding Ceremony 10:40-10:50	**Awarding Ceremony of the 6th Global Competition on Design for Future Education (For Primary and Secondary School Teachers) Case-study Collection**
Invited Speech 10:50-12:30	Speakers: ***Developing ICT Competencies of Teachers for Smart Education of the 21st Century*** • Ms. Natalia Amelina, Senior National Project Officer in Education; Chief of Unit of Teacher Professional Development and Networking, UNESCO IITE ***Towards Smart Teachers-Slovenian Approaches to Smart Education*** • Mr. Borut Čampelj, Researcher of the Department of Education Development and Quality, Ministry of Education, Slovenia ***Action"134" : Accelerating the Digital Transformation of Regional Education*** • Mr. SHI Chaoyong, Director, Dazu Education Bureau, Chongqing Municipality, China ***"1284" Development Model: Exploration and Practice of the Digital Transformation of Compulsory Education in Jian'an District*** • Mr. LI Tie, Director, Jianan Education Bureau, Xuchang City, Henan Province, China ***Baidu's Cases and Experience on the Integration of Industry and Education and Talent Cultivation*** • Ms. JI Xiangting, Deputy Director, Department of University Cooperation, Baidu, China ***Integration of Digitalization and Intelligence: "RUI Brain" Empowers New Patterns for Future Students Cultivation*** • Ms. FANG Feiyue, Principal of Ruian Tangxia Experimental Primary School, Zhejiang Province, Wenzhou City, China

Invited Speech 10:50-12:30	***Artificial Intelligence in Education: Observation from Serbia*** • Prof. Danimir Mandic, Dean of Faculty of Teacher Education, University of Belgrade, Serbia (Video) Moderator: • Ms. LIN Fan, Overseas Strategy Director of NetDragon Websoft Inc., China

Forum on Digital Campus and Intelligent Educational Equipment

Guidance Unit: China Educational Equipment Industry Association (CEEIA)

Hosts: National Engineering Research Centre of Cyberlearning and Intelligent Technology

CEEIA Educational Equipment Research Institute

Center of Information & Network Technology, Beijing Normal University

Advanced Innovation Center for Future Education, Beijing Normal University

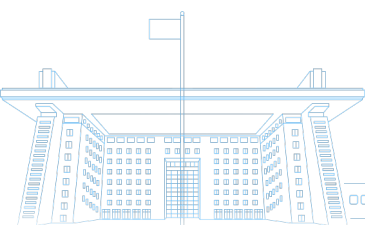**Time:** 20 August, 2023 09:00-12:30 (UTC+8)

Venue: Lecture Hall No. 2

Chairs: Mr. LI Ying, Secretary General of CEEIA, China

Prof. BIE Rongfang, Director, Center of Information & Network Technology, Beijing Normal University, China

Prof. YU Shengquan, Executive Director, Advanced Innovation Center for Future Education, Beijing Normal University, China

Opening Remarks 09:00-09:05	Speaker: • Mr. LI Ying, Secretary General of CEEIA, China Moderator: • Mr. SUN Qiurui, Vice Director of Center of Information & Network Technology, Beijing Normal University, China
Keynote Speech 09:05-10:15	Speakers: ***Construction and Application of National Smart Education Platform for Primary and Secondary Schools*** • Mr. YANG Fei, Deputy Director of Center for Educational Technology and Resource Development, Ministry of Education (National Center for Educational Technology, NCET), P.R.China ***From Chalkboards to Chatbots: Critical Skills for Higher Education*** • Mr. Francesc Pedró, Director of UNESCO International Institute for Higher Education in Latin America and the Caribbean (UNESCO IESALC) (Represented by Ms. Arianna Valentini, Junior Analyst of Research and Foresight, UNESCO IESALC) ***Construction of a Smart Campus Service Ecological System*** • Prof. YU Shengquan, Executive Director, Advanced Innovation Center for Future Education, Beijing Normal University, China

Keynote Speech 09:05-10:15	***Promoting High-Quality Development of Education with Standardization in Educational Equipment*** • Mr. XU Yongkang, Vice Director, Technical Standardization Department, CEEIA, China Moderator: • Mr. SUN Qiurui, Vice Director of Center of Information & Network Technology, Beijing Normal University, China
Invited Speech 10:15-12:20	Speakers: ***Intelligent Upgrade and Research for Application: Scenario-oriented Industry-university-research Cooperation and Innovation in Artificial Intelligence in Education (AIED)*** • Prof. HU Xiaoyong, Vice Dean, Institute of Artificial Intelligence in Education, South China Normal University, China ***Supporting STEM Education for Schools in Rural Areas*** • Dr. Kritsachai Somsaman, Director of SEAMEO Regional Centre for STEM Education ***Embracing F5G All Optical Network, Constructing Digital Campus with High Quality*** • Mr. GUO Dongfeng, Director of Optical Access Solutions for Government and Enterprise, Huawei Optical Product Line, China ***Constructing School-Based Digital Campus Infrastructures*** • Mr. ZHOU Zhihua, Founder & CEO of OUR SCHOOL Digital Campus, China ***Postdigital Science and Education*** • Prof. Petar Jandric, Zagreb University of Applied Sciences, Croatia ***The Construction of a Ubiquitous Smart Learning Environment for Future Talent Cultivation*** • Prof. WANG Yunwu, Jiangsu Normal University, China ***Empowering University Governance System Innovation through Institutional Data*** • Ms. LIU Dongxue, Director of School Affairs Data Management Center, Beijing Normal University, China ***Integrating Intelligence into Campus to Shape the Future*** • Mr. ZHENG Dongya, Director of Technical Department of H3C, China

Invited Speech 10:15-12:20	***Leveraging a "Big" Effect of Education with a "Small" Investment of Smart Education*** • Ms. HAO Yuqin, Principal of Guocheng Primary School, Chengyang District, Qingdao City, Shandong Province, China Moderator: • Dr. LI Baoping, Associate Professor at National Engineering Research Centre of Cyberlearning and Intelligent Technology, China
Project Release 12:20-12:30	***OpenHarmony Smart Education Equipment Application White Paper*** Posted by: • Mr. ZHU Lixin, National Engineering Research Centre of Cyberlearning and Intelligent Technology, China ***Call for Partners: Standards of Digital Campus Network Design for Primary and Secondary Schools*** Posted by: • Mr. YAO Ziming, National Engineering Research Centre of Cyberlearning and Intelligent Technology, China

Forum on Smart Village and Rural Education Transformation

Hosts: UNESCO International Institute for Capacity Building in Africa (UNESCO IICBA)

UNESCO International Research and Training Center for Rural Education (UNESCO INRULED)

Southeast Asian Ministers of Education Organization (SEAMEO) Secretariat

Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China

Asian Institute of Technology (AIT), Thailand

Time: **20 August 2023 09:00-16:30 (UTC+8)**

Venue: Lecture Hall No.1

Chairs: Dr. Quentin Wodon, Director of UNESCO IICBA

Prof. ZENG Xiaodong, Executive Director of UNESCO INRULED

Dr. Habibah Abdul Rahim, Director of SEAMEO Secretariat

Prof. GUO Jiong, Executive Deputy Director of Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China

Prof. Moshed M Ahmed, Head of Department of Development and Sustainability (DDS), AIT, Thailand

Opening Remarks 09:00-09:15	Speakers: • Mr. YANG Yinfu, Vice President and Secretary General of the Chinese Society of Education, China Moderator: • Prof. ZENG Xiaodong, Executive Director of UNESCO INRULED
Keynote Speech 09:15-10:15	Speakers: ***Empowering Rural Futures and Education for Sustainable Development*** • Dr. Monserrat Creamer, Former Minister of Education, Ecuador • Prof. Muhammad Yunus, Founder of Grameen Bank in Bangladesh, Nobel Laureate, Chairman of AIT Yunus Center, Thailand (Video)

Keynote Speech 09:15-10:15	***Bridging Urban-Rural Gaps with the Democratization of Generative AI*** • Prof. Worsak Kanok-Nukulchai, Executive Director of the School of Integrated Innovation (ScII), Chulalongkorn University; Former President of AIT; Fellow of the Academy of Science, Royal Society of Thailand, Thailand Moderator: • Prof. ZENG Xiaodong, Executive Director of UNESCO INRULED
International Organizations Development Report 10:15-11:15	Speakers: ***Transforming ASEAN Education: Developments, Challenges and Opportunities*** • Dr Roger Y. Chao Jr. Head, Education, Youth and Sports Division, Association of Southeast Asian Nations (ASEAN) Secretariat ***ITU's Initiatives for Smart Education and Digital Transformation of the World*** • Dr. Cosmas Luckyson Zavazava, Director of Telecommunication Development Bureau, International Telecommunication Union (ITU) (Video) ***Enabling Policy and Empowering Locals*** • Dr. Habibah Abdul Rahim, Director of SEAMEO Secretariat (Video) ***Rethinking Rurality in Digital Era: Towards a Typology Aligning the Concept and Antecedents*** • Prof. ZENG Xiaodong, Executive Director of UNESCO INRULED Moderator: • Prof. GUO Jiong, Executive Deputy Director of Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China
Country Report & Case Study 11:15-12:30	Speakers: ***Smart Villages & Rural Education Transformation-Mauritius: Digitalization of Education For All (DEFA), Myth or Reality?*** • Prof. Vinayagum Chinapah, Professor Emeritus, Department of Education, Stockholm University, Sweden • Dr. Faiz H. Shah, Executive Director at Yunus Center, AIT, Thailand ***Carry out international online course certification of vocational colleges to serve the "Belt and Road" National Skilled Talents Training*** • Mr. LIU Yunsheng, Dean of Chongqing Education Evaluation Institute, China

Country Report & Case Study 11:15-12:30	***Current Situation and Reflections on Smart Education Enabling High-Quality Development of Rural Teachers*** • Mr. ZHOU Wenke, Director of Bureau of Education, Science and Technology, Ziyun Autonomous County, Guizhou Province, China • HE Mr. Abdul Tawab Balakarzai, Former Acting Minister/Deputy Minister for Academic Affairs at the Ministry of Higher Education (MoHE), Afghanistan (Video) Moderator: • Prof. GUO Jiong, Executive Deputy Director of Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China
12:30-14:00	**Lunch Break**
Opening Remarks 14:00-14:05	Speaker: • Dr. Quentin Wodon, Director of UNESCO IICBA (Video) Moderator: • Dr. LI Baoping, Deputy Dean of Research Institute of Rural Education and Rural Development, Beijing Normal University, China
Keynote Speech 14:05-15:00	Speakers: ***Open Distance e-Learning Research, Innovation and Practices in Africa: an Approach for SDG4*** • Prof. Moeketsi Letseka, UNESCO Chairholder of Open Distance Learning (ODL); Professor at University of South Africa ***Digitalization of Education for Fair K-12 Education Process in Rural and Remote Areas*** • Prof. GUO Shaoqing, Director of Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China ***On The Way to SMART Education*** • Dr. Socheata Chhorvy Soeur, Under Secretary of State of the Ministry of Education, Youth and Sport (MoEYS), Cambodia (Video) Moderator: • Dr. LI Baoping, Deputy Dean of Research Institute of Rural Education and Rural Development, Beijing Normal University, China

New Book Release 15:00-15:10	**"Case Studies of Agricultural and Rural Development in Lancang-Mekong Countries"** Posted by: • Dr. LU Yao, Deputy Dean of International College of Yunnan Agricultural University; Deputy Director of China-ASEAN Education and Training Center, China
Thematic Dialogue 15:10-16:00	**Topic: Best Practices and Experiences of ICT Application in Rural Education Transformation** Speakers: • Ms. CUI Lifei, Principal of Lide Experimental Primary School, Shijiazhuang City, China • Dr. Indra Muis, Rector of Bina Insani University, Indonesia • Mr. WANG Wenxiao, Information Technology Teacher of Fengshuling Town Central Primary School, Chunan County, Hangzhou City, Zhejiang Province, China • Ms. XIN Yanju, General Manager Assistant of Forever Technology Co., Ltd, China Moderator: • Dr. LI Baoping, Deputy Dean of Research Institute of Rural Education and Rural Development, Beijing Normal University, China
Invited Report 16:00-16:30	Speakers: *Adapting and Transforming Mountain Economies through Innovations and Capability Approaches in the Hindu-Kush Himalaya* • Dr. Abid Hussain, Senior Economist, International Centre for Integrated Mountain Development (ICIMOD), Nepal (Video) *Key Priorities to Transforming Education in the Maldives* • Dr. Ahmed Mohamed, Assistant Professor, Faculty of Education, Maldives National University, Maldives (Video) *Strategy of Ecotourism Development at Tisak Maubilik Waterfall to Become a Tourist Destination in Soibada Sub-district of Manatuto Municipality, Timor-leste* • Dr. Helio Brites da Silva, Lecturer at Faculty of Tourism and Hospitality, Dili Institute of Technology (DIT), Timor Leste (Video) Moderator: • Dr. LI Baoping, Deputy Dean of Research Institute of Rural Education and Rural Development, Beijing Normal University, China

Teacher Forum on Innovative Practice of Smart Education

Hosts: National Engineering Research Centre of Cyberlearning and Intelligent Technology

Smart Learning Institute of Beijing Normal University

Time: **20 August, 2023 14:00-16:30 (UTC+8)**

Venue: Lecture Hall No.2

Expert Report 14:00-15:30	Speakers: ***ChatGPT & Transformation of Open Education*** • Prof. YUAN Jiazheng, Dean of College of Science and Technology, Beijing Open University, China ***Research and Practical Exploration of Intelligent Comprehensive Assessment for Students in the New Era*** • Prof. XIONG Yu, Director of AI and Smart Education Centre, Chongqing University of Posts and Telecommunications, China ***How to Introduce Computer to Kids at an Early Age: A Comparison between Chinese and American Programming Learning Kits for Children*** • Prof. NIE Zhuming, Dean of Institute of Smart Education, Anhui Normal University, China ***The Impact of Resource Allocation of Artificial Intelligence Education Related Technologies on the Balanced Development of K-12 Education*** • Dr. LV Mingjie, Research Specialist of Zhijiang Laboratory, China ***Future Developments in Smart Education*** • Dr. WANG Qiyun, Associate Professor of National Institute of Education, Nanyang Technological University, Singapore (Online) ***New Concept of Science and Technology Innovation Education*** • Prof. XIANG Hua, Department of Physics, Beijing Normal University, China Moderator: • Prof. DONG Yan, Vice Dean, School of Educational Technology, Faculty of Education, Beijing Normal University, China

Case Report 15:30-16:30	Speakers: ***Empowering Schools for High-Quality Development through Technological Thinking*** • Mr. JIANG Jian, Secretary of the Party Committee of South China Experimental School, Longhua District, Shenzhen City, China ***Wenzhou's Exploration of Future Education*** • Prof. XU Hailong, Dean of Wenzhou Institute of Education and Teaching, Zhejiang Province, China ***Big Data Supporting Precision Teaching: Ideal Logic, Realistic Dilemmas, and Development Strategies*** • Mr. XIONG Jin, Principal of Beijing Dongzhimen High School, China ***Data Empowerment for Precise Education: Utilizing User Profile to Support the Overall Development of Students*** • Ms. JIN Yan, Principal of Experimental Primary School Affiliated with Sichuan University, China ***Addition or Subtraction? Dialectical Thinking on School Education in the Age of Artificial Intelligence*** • Mr. SU Yi, Chairman of NetDragon Star Epoch Academy, China ***Research on Mathematics Interdisciplinary Microproject-Based Learning Supported by Intelligent Technology*** • Mr. CHEN Feng, Teacher of Taihu Gezhi Middle School, Wuxi City, Jiangsu Province, China ***An Education Digitalization Practice Based on "Renhang Brain"*** • Mr. ZHAO Qimin, Teacher of the Aerospace City School of RDFZ, China Moderator: • Prof. DONG Yan, Vice Dean, School of Educational Technology, Faculty of Education, Beijing Normal University, China

Student Forum on Innovative Design for Future Education

Hosts: UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Student Union of Beijing Normal University

Graduate Student Union of Beijing Normal University

Beijing Design Society

Psychometrics Centre at the University of Cambridge

Smart Learning Institute of Beijing Normal University

Time: **20 August, 2023 14:00-16:30 (UTC+8)**

Venue: F4, Teaching Building No.2

Chairs: Mr. SONG Weizu, Founder of Beijing Design Society, China

Ms. Natalia Amelina, Senior National Project Officer in Education, UNESCO IITE

Ms. NI Jiaqi, Deputy Secretary of Youth League Branch Committee, Beijing Normal University, China

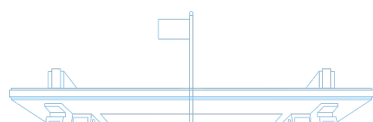|	
Opening Remarks 14:00-14:15	Speakers: • Mr. SONG Weizu, Founder of Beijing Design Society, China • Ms. Natalia Amelina, Senior National Project Officer in Education, UNESCO IITE • Ms. NI Jiaqi, Deputy Secretary of Youth League Branch Committee, Beijing Normal University, China Moderator: • Dr. Mohamed Oubibi (Morocco), Post-doctor, Beijing Normal University, China
Topic 1 14:15-14:45	**Promoting Inclusive Education** Speakers: ***Transforming Special Education to Inclusive Education Through Community Empowerment*** • Mr. ZHANG Zihao (China), Postgraduate student, University of the Arts London, UK (Online) ***Inclusive Education in Myanmar*** • Ms. Lily Pan (Myanmar), Ph.D. Student, Beijing Normal University, China

Topic 1 14:15-14:45	***Promoting Inclusion in Education: a Rwanda' S Chapter*** • Mr. Irene Musengamana (Rwanda), Postgraduate Student, Southwest University, China Moderator: • Ms. WANG Huanhuan, Assistant Researcher of Beijing Normal University, China
Topic 2 14:45-15:15	**Developing Digital Competence of Teachers** Speakers: ***Smart Learning Environment for Teacher Professional Development - SLETProD*** • Mr. David Bull (Sierra Leone), Ph.D. Student, Beijing Normal University, China (Online) ***Improving the Digital Competence of Rural Teachers in the Era of Education 4.0*** • Mr. GONG Hongjie (China), Prospective Postgraduate Student, South China Normal University, China ***A Study on Eritrean Teachers' Perception of Their Readiness on ICT Practices and its Impact on their Teaching performance*** • Dr. Samson Kifletsion Elias (Eritrea), Post-doctor, Southwest University, China (Online) ***Nurturing Teachers of Digital Competences: The Vital Role of Initial Teacher Education in Tanzanian Higher Learning Institutions*** • Ms. Fortunatha Lawrence Mtesigwa (Tanzania), Ph.D. Student, Beijing Normal University, China Moderator: • Dr. Mohamed Oubibi (Morocco), Post-doctor of Beijing Normal University, China
Topic 3 15:15-15:45	**Designing Equitable Learning Environments** Speakers: ***Designing Equitable Learning Environments in Indonesia*** • Mr. Asrul Sidiq (Indonesia), Ph.D. Student, Australian National University, Australia (Online) ***Assisting Higher Education Personnel Training: Deepening the Reform Of Research Conditions in Universities*** • Ms. LU Jiaqi (China), Ph.D. Student, Beijing Normal University, China

Topic 3 15:15-15:45	***Equality in the Learning Environment is Equality in Values*** • Ms. Le Doan Hai Anh (Vietnam), Undergraduate Student, Hanoi University of Science and Technology, Vietnam Moderator: • Mr. BAO Haogang, Assistant Researcher, China National Academy of Educational Sciences (CNAES), China
Topic 4 15:45-16:10	**Fostering Digital Transformation of Learning from Students' Perspective** Speakers: ***A Startup's Confession: An Accessible 3D Educational Tool Empowering the Medium of Knowledge Communication*** • Mr. ZHANG Zishuo (China), Graduate Student, Beijing Normal University, China ***Born Digital: Deciphering the Tech-Savvy Student's Learning in the Era of Generative AI*** • Mr. Zia Islam (Bangladesh), Ph.D. Student, Asian Institute of Technology, Thailand (Online) ***Tackling Mental Health Issues for Better Learning*** • Ms. Camila Cimadamore-Werthein (Italy), Ph.D. Student, University of Cambridge, UK (Online) Moderator: • Dr. Michael Agyemang Adarkwah (Ghana), Post-doctor of Beijing Normal University, China
Result Announcement & Award Ceremony 16:10-16:30	**Result Announcement & Award Ceremony for Global Finals of the 6th Global Competition on Design for Future Education (for College Student)** Speakers: • Prof. CHEN Guangju, Vice Director of School Affairs Committee of Beijing Normal University, China • Mr. SONG Weizu, Founder of Beijing Design Society, China Moderator: • Dr. Mohamed Oubibi (Morocco), Post-doctor of Beijing Normal University, China

Forum on Technology-Empowered Educational Transformation & Closing Ceremony

Organizers: Beijing Normal University (BNU)

UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Time: **20 August, 2023 14:00-18:30 (UTC+8)**

Venue: Sports Hall

Forum on Technology-Empowered Educational Transformation	
Keynote Speech 14:00-16:40	Speakers: ***Digital Transformation of Education: Data Empowering and Technology Boosting*** • Prof. ZHOU Aoying, Vice President of East China Normal University, China ***Preparing Young People to Thrive in a Digital World*** • Mr. Richard Culatta, CEO of International Society for Technology in Education (ISTE) ***Trends and Path of the Digital Transformation in Education*** • Dr. SHAN Zhiguang, Director, Department of Informatization and Industry Development, State Information Center, China ***Digital Transformation, Education, and The Society. An Effective Match?*** • Prof. Daniel Burgos, UNESCO Chairholder on eLearning; Universidad Internacional de La Rioja ***Exploration and Practice of "Knowledge Forest Tutoring" Mode*** • Prof. LIU Jun, Xi'an Jiaotong University, China ***Technology-Empowered Educational Transformation: Reimagining Lifelong Learning for all in the Era of Digital Transformation*** • Mr. Raúl Valdés-Cotera,Team Leader of the UNESCO Lifelong Learning Policies and Strategies Programme at UNESCO Institute for Lifelong Learning ***Development of AI Professional Talents and the New Generation AI Science and Education Platform*** • Prof. WU Chao, Director of Center for Computational Social Science Research, Zhejiang University, China

Keynote Speech 14:00-16:40	***Transforming Education Through Teacher's Collaborative Digital Pedagogies*** • Prof. Diana Laurillard, University College London, UK (Video) ***Research and Application Demonstration on Computing Technologies of Intelligent and Connected Learning Environment*** • Prof. LI Yanyan, Beijing Normal University, China Moderator: • Prof. WU Xia, School of Artificial Intelligence, Beijing Normal University, China
Outcome Release 16:40-17:00	***Construction Scheme for the New Generation Intelligent and Connected Classroom*** • Dr. QI Binbin, National Engineering Research Centre of Cyberlearning and Intelligent Technology, Beijing Normal University, China ***OpenHarmony Empowering the Development of Smart Education*** • Mr. LIU Xiaojian, Executive President of OpenHarmony Program Working Committee; Vice President of Huawei Terminal BG Software, China

Closing Ceremony

Opening Remarks 17:00-17:40	Speakers: • Prof. MO Yan, Winner of the 2012 Nobel Prize in Literature; Professor at Beijing Normal University, China • H.E. Dr. Susil Premajayantha, Minister of Education, Sri Lanka • H.E. Ms. Anamarija Viček, State Secretary of Ministry of Education, Serbia • Mr. CHEN Wei, Vice Director, Department of International Cooperation and Exchanges, Ministry of Education, P.R.China • Prof. ZHOU Zuoyu, Vice President of Beijing Normal University, China Moderator: • Prof. WU Yujun, Director, Office of International Exchange and Cooperation, Beijing Normal University, China
Outcome Release 17:40-18:10	***Consolidating Smart Education Strategies for SDG4: An Interdisciplinary Research Report on Digital Transformation of Education & GSENet Recommendation on Smart Education Strategies*** • Prof. HUANG Ronghuai, Co-Dean of Smart Learning Institute of Beijing Normal University, China **Partner Engagement:** • Prof. Asha S. Kanwar, President & CEO of COL • Mr. Richard Culatta, CEO of ISTE • Prof. Mohamed Jemni, Director of ICT Department, ALECSO • Prof. ZHAN Tao, Director of UNESCO IITE
Awarding Ceremony 18:10-18:20	**The 6th Global Competition on Design for Future Education Award Ceremony**
Acknowledge-ment 18:20-18:25	**Acknowledgements to Conference Partners**
Conference Summary 18:25-18:40	Speakers: • Prof. LIU Dejian, Co-Dean of Smart Learning Institute of Beijing Normal University, China • Prof. HUANG Ronghuai, Co-Dean of Smart Learning Institute of Beijing Normal University, China Moderator: • Dr. CHEN Ying, National Engineering Research Centre of Cyberlearning and Intelligent Technology, China

Attendance Guide

Address:

Changping Campus, Beijing Normal University, Jia No. 2 Manjing Road, Changping District, Beijing, China

Location: Beijing Normal University (Changping Campus) - North Gate

P.S. Participants please enter from the north gate.

Shuttle Bus:

Time: 18-20 August, 2023 Early buses depart at 8:00; Late buses run from 18:30 to 20:00

Route: Recommended hotel ◄► Changping Campus of Beijing Normal University

P.S. The shuttle will operate in a recurring cycle between hotels and the venue.

Attendance Guide

Notice:

1. Please wear formal clothes to attend the meeting.

2. Please sign in first and collect the necessary meeting documents and Conference ID Card.

3. Please wear your Conference ID Card to enter the venue.

4. Please enter the venue 30 minutes early.

5. Please turn off the communication tool or set it to vibration mode during the conference.

6. After using the headset, please put it in its original place.

WIFI:

Conference WIFI: GSE2023   Code: 20230818

Dining:

Please follow the meal voucher prompts for dining.

Participants: Chinese Buffet/Dining Hall (2nd & 3rd floors)

Western Buffet/Dining Hall (Lobby of the Main Building)

Guest Speakers: Expert Dining Hall (On the 1st floor of Hengzhi Yuan)

Parking:

Parking Area: Underground Parking Lots A&B

Please follow the parking lot signs and take the elevator to the ground.

Conference Affairs Group

Co-Chairs of organizing committee

Prof. WU Yujun

Director of Office of International Exchange and Cooperation of Beijing Normal University, China

Dr. ZENG Haijun

Vice Dean of Smart Learning Institute of Beijing Normal University, China

Prof. ZHENG Qinhua

Executive Vice Director of National Engineering Research Centre of Cyberlearning and Intelligent Technolog, China

Members of organizing committee

Alphabetize by Last Name

Dr. Ahmed Tlili, Ms. Annie Ning, Ms. Galina Udayadas, Ms. Natalia Amelina, Prof. CAI Ke, Mr. CHEN Changjie, Mr. FU Gang, Ms. KONG Qingling, Dr. LI Baoping, Ms. LI Wen, Ms. LIU Jing, Mr. WANG Lei, Prof. YANG Junfeng, Dr. ZHUANG Rongxia

Secretariat

Leader: Ms. MIAO Miao, Project Manager of National Engineering Research Centre of Cyberlearning and Intelligent Technology

Members: Ms. JIAO Yanli, Mr. JIANG Yanshuang, Mr. JIE Yongjing, Ms. KUAI Hongyan, Ms. LIU Sizhuo, Mr. QI Xinjian, Mr. QI Binbin, Mr. REN Yuchao, Ms. WANG Dongli, Ms. WANG Junxiu, Ms. WANG Yarong, Mr. WANG Yongzhong, Ms. WANG Zhe, Ms. YUE Lijie, Mr. ZHANG Zhikai, Ms. ZHANG Zhuo, Ms. ZHAI Yanwen

International Liaison Group

Leaders: Mr. LIU Tao, Vice Director of Office of International Exchange and Cooperation of Beijing Normal University
Mr. Tingwen CHANG, Dean Assistant of Smart Education Institute of Beijing Normal University

Members: Mr. CHEN Hao, Ms. CHENG Qian, Mr. GUO Rui, Ms. GUO Yimeng, Ms. HAN Ruilian, Ms. LIN Fan, Ms. QIN Zhaohong, Mr. XIE Yi, Ms. XU Lin

Publicity Group

Leaders: Ms. SUN Weiwei, Vice Director of Department of Publicity of Beijing Normal University

Ms. LIU Jun, Publicize Director of National Engineering Research Centre of Cyberlearning and Intelligent Technology

Members: Ms. DAI Yuanjie, Ms. LIN Chunyan, Ms. WANG Jingyi, Ms. WANG Junyi, Ms. XIE Ling

Technical Group

Leaders: Mr. YAO Ziming, Engineer of National Engineering Research Centre of Cyberlearning and Intelligent Technology

Mr. WANG Shuai, Engineer of National Engineering Research Centre of Cyberlearning and Intelligent Technology
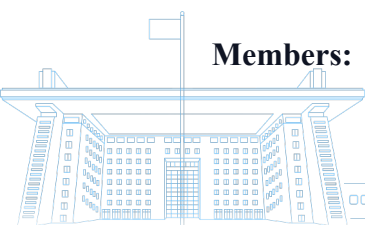
Mr. GUO Jiaoyang, Office Director of Smart Learning Institute of Beijing Normal University

Members: Mr. CHEN Hongyu, Mr. LI Xin, Mr. LIU Hui, Mr. SU Jinchao, Mr. SUN Chi, Mr. WANG Fei, Mr. WANG Jun

Finance Group

Leader: Ms. LI Ping, Finance Director of Smart Education Institute of Beijing Normal University

Members: Ms. LI Yan, Ms. LI Yanchao

Contact

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Participants	JIAO Yanli	+86 138 1042 5480
International Students	Boulus Shehata	+86 155 1066 6607
Exhibition	LIU Hui	+86 158 1104 1798
Transport	LI Xin	+86 186 1031 0833
Accommodation	LI Yan	+86 136 9127 3994
Dining	LI Ping	+86 158 0137 9518
Network	YAO Ziming	+86 137 0129 3809
Publicity	LIU Jun	+86 135 2045 9105

Partnership

Beijing Normal University

Beijing Normal University (BNU) is a National Key University directly under the administration of the Ministry of Education, P.R.China. It is a well-known university characterized by teacher education, educational science and basic disciplines in sciences and humanities.

UNESCO Institute for Information Technologies in Education

The UNESCO Institute for Information Technologies in Education (UNESCO IITE) was established as an integral part of UNESCO by the General Conference of UNESCO at its 29th session (November 1997). IITE is the only UNESCO Category 1 Institute with a global mandate for ICT in education.

Smart Learning Institute of Beijing Normal University

Smart Learning Institute (SLI) is affiliated to Beijing Normal University, and serves as an experimental platform comprising scientific research, technology development and education, which is jointly constructed by Elernity and its parent firm NetDragon Websoft Inc. SLI focuses on researching learning patterns under ICT environments, designing smart learning environments and building platforms that enable life-long learning and support the various, personalized and differentiated learning styles of digital learners.

Faculty of Education of Beijing Normal University

FOE is an organic teaching and research unit of Beijing Normal University. The missions of FOE are to improve the quality of educational innovation nationwide, to educate and prepare professional teachers and future educators, to house the think tank in education, to offer opportunities for International educational exchange and to facilitate the building of the educational and cultural industry in China.

Faculty of Psychology of Beijing Normal University

The Faculty of Psychology of Beijing Normal University is a world-class psychology discipline construction unit in China. It is also the only National Key Disciplines unit with a first-class psychology discipline.

China Institute of Education and Social Development

CIESD is a new type of university think tank that focuses on innovation in educational policies and social governance. The Institute adheres to a high-standard orientation and high-quality development. It faces major national strategies, regional development and the academic frontier, aiming to provide consulting and assisting in politics with high-quality achievements.

National Engineering Research Centre of Cyberlearning and Intelligent Technology

CIT was constructed according to Notice from the General Office of NDRC in 2017. It is organized by Beijing Normal University and jointly constructed by Tsinghua University, China Mobile Communications Corporation(CMCC), Elernity and iFLYTEK CO.LTD. In 2021, It has passed the acceptance and optimization integration evaluation organized by the NDRC and the Ministry of Education, and been included in the new sequence management of the National Engineering Research Center. It has become an important part of the national scientific and technological innovation system.

The Arab League Educational, Cultural and Scientific Organization (ALECSO)

The Arab League Educational, Cultural and Scientific Organization (ALECSO) is a Tunis-based specialized institution working under the umbrella of the League of Arab States. It is essentially concerned with the development and coordination of the activities related to education, culture and sciences in the Arab World. It includes 22 Member States.

Commonwealth of Learning (COL)

Commonwealth of Learning (COL) is an inter governmental organization created by Commonwealth Heads of Government in 1987 to promote the development and sharing of open learning and distance education knowledge, resources and technologies.

International Society for Technology in Education (ISTE)

The International Society for Technology in Education (ISTE) is a nonprofit organization that has global members in the field of Education Technology. It is the home to a passionate community of global educators who believe in the power of technology to transform teaching and learning, accelerate innovation and solve tough problems in education. ISTE's vision is that education innovators are supported in reimagining and redesigning learning with a focus on using technology to create transformational and equitable experiences for learners.

The Southeast Asian Ministers of Education Organization (SEAMEO)

The Southeast Asian Ministers of Education Organization (SEAMEO) is a regional intergovernmental organization established in 1965 among governments of Southeast Asian countries to promote regional cooperation in education, science and culture in the region.

UNESCO International Research and Training Center for Rural Education (INRULED)

The UNESCO International Research and Training Centre for Rural Education (UNESCO INRULED) was established by UNESCO and the Chinese government in 1994 with a mandate to promote sustainable socio-economic development in rural areas. As a Category II center under the auspices of UNESCO, INRULED's research and training activities concentrate on education for rural transformation.

Collaborative Innovation Centre of Assessment for Basic Education Quality

Collaborative Innovation Centre of Assessment for Basic Education Quality was established in July 2012 and was officially recognized by the Ministry of Education in October 2014. It is the only national-level collaborative innovation center in the fields of education and psychology in China.

State Key Laboratory of Virtual Reality Technology and Systems

State Key Laboratory of Virtual Reality Technology and Systems is one of the earliest units in China to conduct research and applications in virtual reality technology. After years of development and construction, it has formed a distinct advantage in interdisciplinary team collaboration, combining military and civilian backgrounds, emphasizing both theoretical research and system development, and bridging technological breakthroughs with industry applications.

Strategic Research Base of Education Informatization, Ministry of Education, P.R.China

Strategic Research Base of Education Informatization (Central China), Ministry of Education, P.R.China, relying on Central China Normal University, undertakes multiple functions such as policy analysis, performance evaluation, decision support, consulting, and training related to educational informatization.

Strategic Research Base of Education Informatization (Beijing), Ministry of Education, P.R.China., relying on Beijing Normal University, focuses on strategic research in the development of smart education, application of artificial intelligence in education, and international comparative studies on educational informatization.

Strategic Research Base of Education Informatization (Northwest), Ministry of Education, P.R.China., relying on Northwest Normal University, concentrates on strategic research in areas like the construction and application of online learning spaces and educational informatization in ethnic regions.

Capital Normal University

Founded in 1954, Capital Normal University is one that covers literature, science, industry, management, laws, education, foreign languages and arts. It is a university jointly built by Beijing Municipality and the Ministry of Education, P.R.China.

Longhua Education Bureau, Shenzhen City, Guangdong Province, China

The Education Bureau implements national, provincial, and municipal laws, regulations, and policies related to education, formulates development plans and annual plans for the education industry in the district, formulates education and teaching reform plans, and implements them after approval.

Asian Institute of Technology (AIT)

Founded in 1959, AIT has now developed into one of the largest international graduate schools in Asia funded by governments, international organizations, foundations, business institutions, and individuals from many countries and regions around the world.

China Academy of Information and Communications Technology (CAICT)

Founded in 1957, CAlCT is a scientific research institute directly under the Ministry of industry and information Technology (MllT) of China. It adheres to the development positioning of "a specialized think-tank for the government and an innovation and development platform for the industry". This enables CAlCT to play a supporting role in major strategies, planning, policies, standards, testing and certification related to the ICT sector.

World Broadband Association (WBBA)

The World Broadband Association (WBBA) is a multilateral, industry-led association, providing leadership for digital broadband across the next decade. Its objective is to overcome industry challenges and support the drive towards the provision of broadband networks and services for all. With a goal of accelerating the healthy development of the industry, with sustainable benefits for stakeholders, end users, and society.

China Education Association for International Exchange (CEAIE)

Founded in July 1981, CEAIE is a national organization in the Chinese education community that conducts non-governmental international educational exchanges and. It is active in developing exchanges and cooperation between the Chinese educational community and other parts of the world, promoting the advancement of education, culture, science and technology, and strengthening understanding and friendship among the peoples of all countries and regions of the world.

China Educational Equipment Industry Association (CEEIA)

CEEIA is a national and industrial non-profit social organization formed by voluntary personnel from corporations and institutions that engage in the production, operation, management, and research within the educational equipment industry.

Beijing Design Society (BDS)

Founded in 2015, BDS is an academic non-profit social organization jointly initiated by workers, units, and organizations engaged in scientific research, education, development, production, application, and services in the field of design and related technology and culture, and approved and registered by the Beijing Municipal Social Organization Registration Administration.
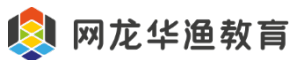
China Information Technology Education Magazine

China Information Technology Education magazine was founded in 2002 and is a central-level publication supervised by the Ministry of Education of the People's Republic of China and organized by the National Center for Educational Technology, among others.

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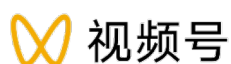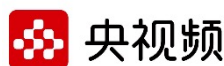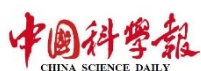
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