



全球智慧教育大会

Global Smart Education Conference

2024

GLOBAL SMART EDUCATION CONFERENCE

— The Annual Conference of GSENet

Educational Transformation &
International Understanding

08.18 - 08.20 Beijing • China



全球智慧教育合作联盟
Global Smart Education Network





Contents

01 Conference Background

02 Conference Partner

03 Conference Agenda

04 Attendance Guide

05 Partnership

06 Contact



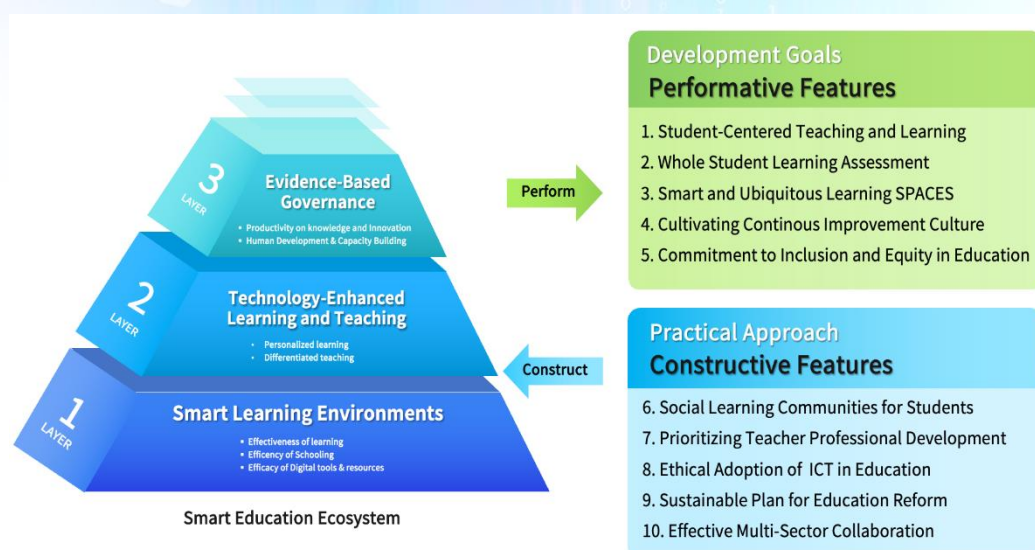
CONFERENCE BACKGROUND

“ As a new form of education in the digital era, smart education is an inevitable choice for advancing equitable, inclusive, and high-quality education. ”

The changes in the world, the era, and history are unfolding in unprecedented ways, driving the adaptation and adjustments in global education.

Digitalization in education is a crucial breakthrough for opening new avenues and shaping new advantages in educational development. UNESCO advocates for constructing a new “social contract”, fully leveraging the educational dividends brought by digital technology to demonstrate education as a global public interest better. The UN Transforming Education Summit calls on countries to fully harness the power of the digital revolution to drive global education reform, ensuring the provision of high-quality education and lifelong learning as a common interest for everyone. China has proposed advancing educational digitalization, constructing a learning society, and becoming a learning-oriented nation with lifelong learning for all.

As a new form of education in the digital era, smart education is an inevitable choice for advancing equitable, inclusive, and high-quality education. From the perspective of the digital transformation of education, the new features of smart education are manifested in two aspects. Firstly, the key characteristic of the national or regional smart education ecosystem is the “development goals” of smart education. These goals include student-centered teaching, comprehensive learning assessment, ubiquitous smart learning environments, ongoing improvement of educational culture, and a commitment to inclusive and equitable education. Secondly, the auxiliary constructive features of the smart education system, namely the “practical pathways” of smart education, include the



proactive construction of student social communities, priority support programs for teacher development, ethical technology applications, sustainable education reform plans, and effective cross-sector and cross-domain collaboration.

Collaborating on forward-looking strategic and policy planning, leading the sustainable development of smart education.

Policies are the key guarantee for driving the digital transformation of education. The development of smart education is a major undertaking in educational reform that requires systematic planning and scientific planning. It is essential to ensure the normative and orderly integration of technologies like artificial intelligence into the educational ecosystem and utilize new technologies to facilitate the development of precise and efficient educational applications and governance mechanisms. The technological conditions necessary for the development of the

education sector has a certain level of complexity. This complexity necessitates a comprehensive understanding and implementation of public policies that leverage intelligent technologies to promote sustainable development. This should involve the joint efforts and extensive participation of stakeholders and the general public, achieving collaborative construction of the digitized education system by multiple entities.

Governments should advance the development of smart education based on their governance structure and specific

circumstances. They should focus on three strategic leverage points: transforming teaching methods, constructing smart learning environments, and formulating forward-looking policies. It is crucial to consider fairness and inclusion, a culture of continuous improvement, and collaboration across multiple sectors. Policymakers should reevaluate, analyze, and formulate national education policies from aspects such as information infrastructure, digital educational resources and platforms, curriculum and teaching methods, digital literacy and competence, technology governance, and educational administration. Local governments and schools should actively

promote the construction of a new smart education ecosystem. This involves designing and implementing smart campuses and innovative learning environments, improving the effectiveness of learning, operational efficiency of schools, and the efficiency of digital tools and resources. It also includes innovating technology-enhanced personalized learning and differentiated teaching models, along with continuous monitoring. Researchers should strengthen collaboration with frontline education professionals, decision-makers, and administrators to further facilitate smart education's coordinated development.

Promoting the integration of science and education as well as the fusion of industry and education to support innovative practices in smart education.

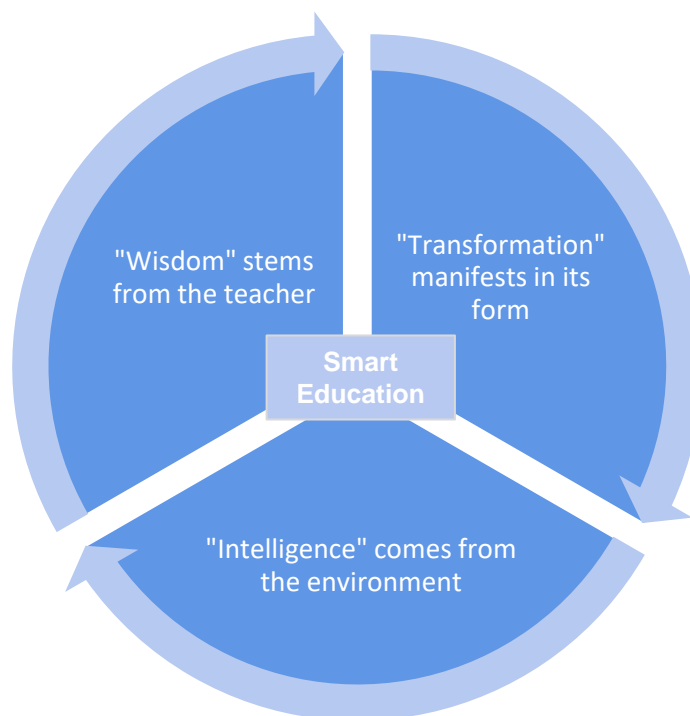
In the interaction of technological progress, social transformation, and educational changes, technology and education gradually form a new pattern of systematic, deep integration across all fields, elements, processes, and businesses. This integration exhibits characteristics of extensive coverage, diversity, and multiple values. Fundamentally, in smart education,

“wisdom” emanates from the teacher; in intelligent education, “intelligence” arises from the environment; and in future education, its “transformation” manifests in its form. The continuous upgrade of the intelligent technology ecosystem will serve students’ adaptive growth, support teachers’ professional development, and facilitate the intelligent upgrade of learning environments. The integration of

science and education are the driving forces for reshaping the talent cultivation system, while the fusion of industry and education guarantees the resilience of education and the economy. It supports and guides innovative practices in smart education.

To deeply advance the digitalization of education and innovate the development of smart education, the key lies in cultivating the digital thinking of the education system, solidifying digital support capabilities, creating high-quality digital learning content, and constructing a nationwide digital learning public service system. The UN Transformation

Education Summit has initiated the “Gateways to Public Digital Learning” initiative aimed at creating an inclusive digital learning platform and content, forming a global public digital learning resource network. China is implementing its education digitalization strategy by constructing the National Smart Education Platform and launching its international version, updating educational concepts, transforming teaching methods, innovating digital teaching methods, promoting on-demand learning, and creating a new form of smart education enabled by technology, sustainable development, and open cooperation.



“Seizing the opportunity presented by the Global Smart Education Conference, let us collaboratively embark on the creation of a bright future for smart education that benefits all of humanity.”

Since its inception in 2020, the Global Smart Education Conference has served as a crucial platform for international collaboration and exchange in smart education. In a bid to drive effective global practices in smart education, strengthen international understanding and international communication, and promote educational reform and innovation, Beijing Normal University (BNU), in collaboration with UNESCO Institute for Information Technologies in Education (UNESCO IITE), the Commonwealth of Learning (COL), the International Society for Technology in Education (ISTE), the Arab League Educational, Cultural and Scientific Organization (ALECSO), and the Southeast Asian Ministers of Education Organization (SEAMEO), has jointly initiated the “Global Smart Education Network (GSENet)”. The network has launched the “GSENet Beijing Declaration on Smart Education

Strategies”, dedicated to continuously exploring the use of emerging technologies to promote equitable and inclusive high-quality education for all.

As the annual conference of GSENet, the Global Smart Education Conference 2024 will be held in Beijing from August 18 to 20. The conference, themed on “Educational Transformation & International Understanding”, will feature plenary sessions, high-level dialogues, thematic forums, roundtable discussions, and workshops on smart education policies, technologies, and practices. It aims to release research findings and collaboration plans, showcase exemplary cases and solutions, and facilitate in-depth exchanges and collaboration to collectively pave the way for a brighter future in smart education for all of humanity.

CONFERENCE PARTNER

Organizer

- Beijing Normal University

Co-organizer

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

Hosts

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

Partners

- Arab League Educational, Cultural and Scientific Organization (ALECSO)
- Commonwealth of Learning (COL)
- International Society for Technology in Education (ISTE)
- South East Asian Ministers of Education Organization (SEAMEO)
- UNESCO International Research and Training Centre for Rural Education (UNESCO 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
- Higher Education Press, China
- China Information Technology Education Magazine
- New Reading Magazine, China
- Virtual Simulation Experiment Teaching Innovation Alliance, China
- NetDragon Websoft Inc., China

Co-Chairs of GSE2024



● Prof. CHENG Jianping

Secretary of the CPC Committee, Beijing Normal University, China;
Chairman of the University Council, Beijing Normal University, China;
Chairman of National Engineering Research Center of Cyberlearning
and Intelligent Technology, China



● Prof. ZHAO Qinping

Academician of Chinese Academy of Engineering;
Professor at Beihang University, China;
Chief Scientist of the State Key Laboratory of Virtual Reality
Technology and Systems, China

Co-Chairs of Program Committee



- **Prof. ZHOU Zuoyu**

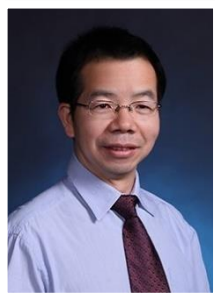
Vice President of Beijing Normal University, China

Director of UNESCO International Research and Training Centre
for Rural Education



- **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

Chairholder of the UNESCO Chair on Artificial Intelligence in
Education

Members of Program Committee

Alphabetize by Last Name

- Asha S. Kanwar, Chair of Governing Board of UNESCO Institute for Information Technologies in Education; Former President, Commonwealth of Learning; Chair Professor, Smart Learning Institute of Beijing Normal University, China
- Amal El Fallah Seghrouchni, Member of World Commission on the Ethics of Scientific Knowledge and Technology, UNESCO; Executive President, Moroccan International Center for Artificial Intelligence; Professor, Sorbonne University, France
- Francesc Pedro, Director, UNESCO International Institute for Higher Education in Latin America and the Caribbean
- Habibah Abdul Rahim, Director, Southeast Asian Ministers of Education Organization (SEAMEO) Secretariat
- Justin Valentin, Minister of Education, Republic of Seychelles
- KILO Vivian ASHERI, Secretary of State, Ministry of Basic Education, The Republic of Cameroon
- Marc Prensky, Speaker, Author, Consultant, Proponent of the concepts “Digital Natives” and “Digital Immigrants”
- Maryam Mariya, Minister of Higher Education, Labour and Skills Development, The Republic of Maldives
- Mohamed Ould Amar, Director-General, Arab League Educational, Cultural and Scientific Organization
- Mohamed Jemni, Director, ICT Department, Arab League Educational, Cultural and Scientific Organization
- Nikole Canatella Blanchard, Co-President, Board of Directors, International Society for Technology in Education
- Torunn Gjelsvik, Secretary General, International Council for Open and Distance Education
- CHEN Guangju, Professor; Former Vice President of Beijing Normal University, China
- GUO Jiong, Executive Deputy Director, Educational Informatization Strategy Research Base (Northwest), Ministry of Education, P.R.China; Professor, Northwest Normal University, China
- HU Xiang'en, Professor; Director, Institute for Higher Education Research and Development, The Hong Kong Polytechnic University, China
- LIU Dejian, Co-Dean, Smart Learning Institute of Beijing Normal University, China; Chairman of the Board and Executive Director of NetDragon Websoft Inc.



Members of Program Committee

Alphabetize by Last Name

- LUO Liang, Professor; Dean of the Faculty of Psychology, Beijing Normal University, China
- SONG Shanping, Professor; Executive Dean, China Institute of Education and Social Development
- TONG Lili, Professor; Deputy Director, Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China
- WANG Shuguang, Executive Director, Collaborative Innovation Centre of Assessment for Basic Education Quality, China
- WU Di, Professor; Executive Deputy Director, Educational Informatization Strategy Research Base (Central China), Ministry of Education, P.R.China
- YANG Junfeng, Professor, Hangzhou Normal University, China
- ZHANG Ze, Deputy Editor-in-Chief, Higher Education Press, China
- ZHU Xudong, Professor; Dean of the Faculty of Education, Beijing Normal University, China



CONFERENCE AGENDA

Date	Beijing Time	Sports Hall	Lecture Hall 1	Lecture Hall 2
18 August Sunday	8:30-12:00	Opening Ceremony & Plenary Session on Futures of Education and the Role of Digital Transformation		
	14:00-18:30	Forum on Digital Transformation through Smart Education	Forum on Mental & Physical Health: Supporting Personal Development of Adolescents	Forum on Smart Reading
19 August Monday	8:30-12:00	Forum on Digital Transformation of K- 12 Education	Forum on Smart Learning Environments and Digital Infrastructure	Forum on AI for Comprehensive Assessment and Evaluation
	14:00-18:00	Forum on Digitalization for Regional Educational Development	Forum on Development and Use of Digital Textbooks	Forum on Smart Learning in Early Childhood Care and Education
20 August Tuesday	8:30-12:00	Forum on AI-driven Innovation in Higher Education	Forum on AI and the Future of Teaching	Forum on Smart Villages and Education for Rural Transformation
	14:00-17:00	Forum on Integration of Education, Technology and Industry	Forum on Digital Education and Lifelong Learning	Forum on Innovation, Research and Best Practices in Smart Education
	17:00-18:30	Closing Ceremony		

Thematic Events

Event Type	Thematic Event	Date	Venue
Closed-door Meeting	Round Table on Women's Leadership in the Age of AI	18 August 15:00-17:00	CIT Meeting Room
	Round Table on China-Africa-SIDS Cooperation in Smart Education	19 August 15:00-17:00	CIT Meeting Room
	GSENet Partners' Meeting	20 August 11:00-12:00	CIT Meeting Room
Governing Board Meeting	UNESCO IITE Governing Board Meeting	21 August 9:00-18:00	Lecture Hall 2
Work Conference	Regional Leadership Roundtable on the Development of the Educational Technology Industry	19 August 9:00-11:00	CIT Meeting Room
	Work Conference for the Construction and Application of Intelligent Learning Environment in Alliance Schools (Districts)	19 August 14:00-18:00	Lecture Theatre 1
Student Activity	Student Forum on Youth Intelligence Inspiring Future Education Innovation	19 August 14:00-17:00	Lecture Theatre 2
	Student Forum on Smart Learning and Future Education Design	20 August 14:00-17:00	Lecture Theatre 1
Teacher Activity	Final Review of the 7th Global Competition on Design for Future Education (K-12 Track)	20 August 9:00-12:00	Lecture Theatre 1
Workshop	TVET Leadership and Management Programme (Workshop)	18-24 August	Lecture Theatre 1
Exhibition	Smart Education Exhibition	18-20 August	Exhibition Hall



Opening Ceremony & Plenary Session on Futures of Education and the Role of Digital Transformation

Organizer: Beijing Normal University, China

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

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)

Time: 18 August, 2024 08:30-12:00 (UTC+8)

Venue: Sports Hall

Opening Remarks: 8:30 - 9:00

Opening Remarks by the Organizer:

- Prof. YU Jihong, President, Beijing Normal University, China; Academician of the Chinese Academy of Sciences; Fellow of the World Academy of Sciences for the Advancement of Science in Developing Countries; Foreign Member of the Academia Europaea; Foreign Member of the Royal Swedish Academy of Sciences

Opening Remarks by the Representative from the Ministry of Education, P.R.China:

- H.E. Mr. WANG Jiayi, Member of the CPC Leading Group of the Ministry of Education, Vice Minister of Education, and National Chief Inspector, Ministry of Education, P.R.China

Opening Remarks by the UNESCO Representative:

- Ms. Stefania Giannini, UNESCO Assistant Director-General for Education

Opening Remarks by the Representative from the Supporting Organization:

- Mr. Lester G Huang, Steward, The Hong Kong Jockey Club; Chairman, Institute of Philanthropy; Council Chairman, City University of Hong Kong

Moderator: Prof. ZHOU Zuoyu, Vice President, Beijing Normal University, China



High-level Dialogue: 9:00 - 10:20

Speakers:

- H.E. Ms. Maryam Mariya, Minister of Higher Education, Labour and Skills Development, The Republic of Maldives
- H.E. Mr. Justin Valentin, Minister of Education, Republic of Seychelles
- H.E. Mr. Lucas Dawa Dekena, Minister for Education, Independent State of Papua New Guinea
- H.E. Ms. KILO Vivian ASHERI, Secretary of State, Ministry of Basic Education, The Republic of Cameroon
- H.E. Ms. BO Chankoulika, Under Secretary of State, Ministry of Education, Youth and Sport, The Kingdom of Cambodia
- Mr. Adnan Husić, Assistant to Minister, Ministry of Civil Affairs, Bosnia and Herzegovina
- Prof. Mohamed Ould Amar, Director General, Arab League Educational, Cultural and Scientific Organization (ALECSO) (Represented by Prof. Mohamed Jemni, Director of ICT Department, ALECSO)

Moderator: Prof. ZHOU Zuoyu, Vice President, Beijing Normal University, China

Outcome Release: 10:20 - 10:30

Global Understanding of Smart Education in the Context of Digital Transformation

Presenters:

- Prof. HUANG Ronghuai, Co-Dean, Smart Learning Institute, Beijing Normal University, China
- Prof. ZHAN Tao, Director, UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Moderator: Prof. ZHOU Zuoyu, Vice President, Beijing Normal University, China



Keynote Speeches: 10:30 - 12:00

Speakers:

- *Innovating VR 2.0 and Developing Internet 3.0 to Deeply Support the Digital Advancement of Education*

Prof. ZHAO Qinping, Academician of Chinese Academy of Engineering; Professor at Beihang University, China; Chief Scientist of the State Key Laboratory of Virtual Reality Technology and Systems, China

- *Trustworthy Artificial Intelligence for Education: Benefits and Challenges*

Prof. Amal El Fallah Seghrouchni, Sorbonne University; Executive President, Moroccan International Center for Artificial Intelligence; Member of World Commission on the Ethics of Scientific Knowledge and Technology (COMEST), UNESCO

- *Promoting the Digitalization of Education and Open Up a New Track for Education*

Prof. YANG Zongkai, President, Wuhan University of Technology, China

- *THIRD MILLENNIUM KIDS: A Hell Yes! Low Stress Guide for Everyone*

Mr. Marc Prensky, Speaker, Author, Consultant, Proponent of the concepts “Digital Natives” and “Digital Immigrants”

- *Deepen the Nationwide Pilot of the National Smart Education Platform to Effectively Support and Promote High-Quality Development of Basic Education in Qinghai Province*

Ms. SHEN Hongxing, Director, Qinghai Provincial Department of Education, China

Moderator: Prof. Asha S. Kanwar, Chair of Governing Board of UNESCO Institute for Information Technologies in Education (UNESCO IITE); Former President, Commonwealth of Learning (COL); Chair Professor, Smart Learning Institute of Beijing Normal University, China

Forum on Digital Transformation through Smart Education

Introduction: As a new form of education in the digital age, smart education is an inevitable choice for promoting fair, inclusive, and high-quality education. Smart learning environments convey educational wisdom, new teaching models inspire students' wisdom, and modern educational systems nurture human wisdom. This forum will explore the following topics:

- Strengthening national smart education strategies for SDG4.
- Digital transformation of regional and school education.
- Construction and application of public digital learning platforms.
- Regional collaborative innovation mechanisms for smart education.

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

Bureau of Education of Changsha Municipality, China

Arab League Educational, Cultural and Scientific Organization (ALECSO)

iFLYTEK, China

NetDragon Websoft Inc., China

Date: **Sunday, 18 August, 2024, 14:00-18:30**

Venue: Sports Hall

Opening Remarks: 14:00 - 14:30

Speakers:

- Department of Science, Technology and Informatization, Ministry of Education, P.R.China
- H.E. Mr. Justin Valentin, Minister of Education, Republic of Seychelles
- Mr. YU Weiliang, Member of the Education Work Committee of the Hunan Provincial Committee, China



Opening Remarks: 14:00 - 14:30

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

Keynote Speeches: 14:30 - 16:00

Speakers:

- *Enhance Awareness of Educational Digital Transformation, Deepen Technology-Enabled Teaching Reform*

Prof. HU Quintai, CPC Secretary, Guangdong University of Technology; Member of the Academic Degrees Committee (Education) under the State Council; Member of the Expert Group on Educational Informatization of the Ministry of Education, P.R.China

- *Digital Transformation and Smart Education in Serbia*

Mr. Janko Samardžić, Assistant Minister of Education for Higher Education, Ministry of Education, Serbia

- *Digital Empowerment to Advance High-Quality Regional Education Development*

Ms. WANG Yan, Director, Bureau of Education of Changsha Municipality, China

- *Practical Applications of Next-Generation AI Technology in Driving the Digital Transformation of Education*

Mr. NIE Xiaolin, Senior Vice President, iFLYTEK., China

- *Policies and Strategies to Facilitate Education Paradigm Transform*

Prof. POON Wai-yin, Vice Rector, Chinese University of Hong Kong, China

- Ms. Lori Hocking, Executive Director, Education Transformation of the University of Adelaide, Australia (Video)

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



Invited Speeches: 16:00 - 17:50

Speakers:

- *Achieving Equitable and Quality Education in the Digital Wave: The Exploration Path of Digital-Driven Smart Education in Macau*

Mr. TENG Sio Hong, Deputy Director, Education and Youth Development Bureau, Government of the Macao Special Administrative Region (Video)

- *Promoting High-Quality Development of the 'Western Basic Education Special Zone' through Digital Transformation in 'New Smart Education'*

Mr. ZHOU Wenyang, Director, Public Service Bureau of Chongqing High-tech Zone, China

- *Data-Driven Exploration of Large-Scale Personalized Education in Minhang District*

Mr. HE Meilong, Director, Education Bureau of Minhang District, Shanghai City, China

- *Digital Reform Supporting Educational Common Prosperity: Zhuji City's Innovative Approach*

Mr. SHEN Baowei, Deputy Director, Zhuji City Education and Sports Bureau, Zhejiang Province, China

- *Building a Regional Smart Education Ecosystem through Educational Digital Transformation*

Ms. QU Fei, Director, Education Bureau of Dadong District, Shenyang City, Liaoning Province, China

- *Building a Comprehensive Digital Education System to Create a New Model for Educational Development in Linzi District*

Mr. CUI Guohua, Director, Education and Sports Bureau of Linzi District, Zibo City, Shandong Province, China

- *The Wuhu City's Practice of Empowering the Professional Development of Primary and Secondary School Teachers through Digitalization*

Mr. LI Bing, Deputy Director, Education Bureau of Wuhu City, Anhui Province, China

- *Exploration and Practice of Digital Transformation in Education in Hexi District, Tianjin City*

Mr. MA Jianwei, Deputy Director, Education Bureau of Tianjin City, China



Invited Speeches: 16:00 - 17:50

Speakers:

- *Promoting Strategic Actions for Educational Digitalization and Building a High-Quality, Equitable Public Education Service System*

Mr. LIU Jianquan, Director, Education and Sports Bureau of Shizhong District, Zaozhuang City, Shandong Province, China

- *Creating Learning Environments and Innovating Talent Development Pathways in the Era of Digital Intelligence*

Ms. WU Yinghui, Dean, Haidian Institute of Education Science, Beijing, China

- *Empowering Educational Digital Transformation with the 'Key Strategy': Enhancing Teachers' Digital Literacy*

Ms. YANG Hong, Deputy Director, Education Bureau of Furong District, Changsha City, Hunan Province, China

Moderator: Mr. HUANG Junshan, Dean, Changsha Municipal Institute of Education Science, Hunan Province, China

Outcome Release: 17:50 - 18:05

Intelligent Transformation of Educational Resources – The Fantastic Particle of the “Photosynthesis”

Presenter:

- Mr. ZHANG Zhi, Director, Education Bureau of Baoshan District, Shanghai City, China

Moderator: Mr. Emil Chen, Vice President, NetDragon Websoft Inc.; Vice Dean, Smart Learning Institute of Beijing Normal University, China



Panel Discussion: 18:05 - 18:30

Theme: Cross-disciplinary Discussion on Intelligent Transformation of Educational Resources – The Fantastic Particle of the “Photosynthesis”

Panelists:

- Prof. XUE Gui, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, China
- Mr. YAN Baiyang, Vice Principal, Professor-Level & Special-Grade Senior Teacher, Xingzhi High School, Baoshan District, Shanghai City, China
- Mr. ZHANG Chunlei, Associate Professor, School of Life Sciences, East China Normal University, China

Moderator: Mr. ZHANG Zhi, Director, Education Bureau of Baoshan District, Shanghai City, China

Forum on Mental & Physical Health Supporting Personal Development of Adolescents

Introduction: The issue of physical and mental health among adolescents has garnered widespread concern from schools, families, and society. The cultivation of students' ideals and beliefs, moral character, intellectual and knowledge capabilities, as well as physical and psychological qualities is indispensable. The application of intelligent technology helps in perceiving the physical and mental health status of students, exploring the laws of student growth, and promoting the personalized growth and comprehensive development of adolescents. This forum will explore the following topics:

- The growth patterns and talent development mechanisms of the digital generation.
- Assessment and intervention of adolescents' physical and mental health.
- Psychological health education and counseling services.
- Cognitive safety, special education, digital moral education, labor education, smart physical education, and smart aesthetic education.

Hosts: Faculty of Psychology, Beijing Normal University, China
Smart Learning Institute of Beijing Normal University, China
Beijing Normal University · Jingshi Ruidao, China

Date: **Sunday, 18 August 2024, 14:00-18:00**

Venue: Lecture Hall 1

Opening Remarks: 14:00-14:20

Speakers:

- H.E. Ms. KILO Vivian ASHERI, Secretary of State, Ministry of Basic Education, The Republic of Cameroon
- Ms. Dorothy Gordon, Former Chair, Information for All Programme (IFAP)

Moderator: Mr. Tigran Epovan, Chief, Unit of ICT in Health Education, Institute for Information Technologies in Education, UNESCO



Keynote Speeches: 14:20-15:50

Speakers:

- *Supporting Personal Development of Adolescents In the Digital Age—Lessons Learnt from COVID-19*

Prof. Obijiofor Aginam, Director, UNESCO MGIEP

- *Challenges and Countermeasures for Student Mental Health in China*

Prof. QIAO Zhihong, Faculty of Psychology, Beijing Normal University, China; Secretary General, National Student Mental Health Work Advisory Committee, Ministry of Education, P.R.China

- *Creating Supportive Living Environments and Building Health Learning Pathways to Promote the Health of Young People in a World Facing Multiple Crises*

Prof. Didier Jourdan, Head, WHO Collaborating Center for Research in Education & Health; Chairholder, UNESCO Chair on Global Health and Education

- *Exploration and Practice of Smart Sports on Promoting Adolescent Physical and Mental Health*

Prof. MAO Lijuan, President, Shanghai University of Sport, China

- *A Four-in-One System Construction to Promote Positive Psychological Qualities in Primary and Secondary School Students: Based on Jiangsu Province's Experience*

Mr. LU Yuexin, Dean, Jiangsu Academy of Educational Science, China

Moderator: Mr. Tigran Epovan, Chief, Unit of ICT in Health Education, Institute for Information Technologies in Education, UNESCO

Project Release: 15:50 -16:00

Practice of Building a Tiered Intervention System for Adolescent Mental Health Based on Multimodal Integration

Presenter: Mr. NAN Hao, CEO, Beijing Normal University · Jingshi Ruidao, China



Invited Speeches: 16:00-18:00

Speakers:

- *Advancing Holistic Adolescent Development through Smart Technologies*

Prof. Srdjan Dusanic, Dean, Faculty of Philosophy, University of Banja Luka, Bosnia and Herzegovina

- *Growing Up Digital: Empowering the Young Generation*

Prof. ZHOU Mingming, Associate Dean, Faculty of Education, University of Macau, China

- *Personalized Intelligent Intervention for Children with Autism Spectrum Disorder*

Prof. CHEN Liangying, Central China Normal University, China

- *Nurturing the Mind, Guiding the Heart: Sharing Work Experience in Mental Health Education from the Jiangning District of Nanjing*

Mr. WANG Shenglong, Director, Educational Science Research Office, Jiangning District, Nanjing City, China

- *AI+: Helping Us Better Understand Children — Continuous Monitoring and Care for Adolescent Mental health*

Mr. FAN Lianwei, Deputy Chief Engineer, Institute of Dataspace, Hefei Comprehensive National Science Center, China

- *Development and Practice of Curriculum Projects for Elite Youth Talent in Artificial Intelligence Education*

Prof. FANG Haiguang, Capital Normal University, China

- *Collaborative Learning Empowering the Physical and Mental Development of Adolescents*

Ms. ZHENG Lanqin, Associate Professor, Beijing Normal University, China

- *Digital Technology Expanding New Horizons in Aesthetic Education: A Study on the Application of Digital Aesthetic Education at Beijing Emerald City Primary School*

Ms. TAO Meiyu, Head, the Art Teaching and Research Group at Beijing Emerald City Primary School, China



Invited Speeches: 16:00-18:00

Speakers:

- *Digital Empowerment in Middle School Mental Health Education: The Practice of Shuangliu Middle School*

Mr. HUANG Chao, Secretary of the CPC Committee, Shuangliu Middle School, Sichuan Province, China

Moderator: Prof. CHENG Li, Institute of Special Education, Faculty of Psychology, Beijing Normal University, China

Forum on Smart Reading

Introduction: Books are the distillation of human civilization, and reading is a way of life and learning. The application and development of new media technologies have changed people's reading habits and methods. It is hoped that the whole society will participate in reading to create a strong atmosphere of loving to read, reading good books, and being skilled in reading. Smart reading offers richer content, more convenient methods, and more colorful reading spaces, which helps to promote a learning society for lifelong learning. This forum will explore the following topics:

- Challenges new ways of smart reading and reading education.
- The application of technology in reading and publishing.
- The construction and application of smart reading platforms.
- Digital reading spaces and smart libraries.
- New trends and new ecosystems in the digital reading era.

Guiding Organization: Chinese Academy of Press and Publication

Hosts: New Reading Magazine, China
International Writing Center, Beijing Normal University, China
Smart Learning Institute of Beijing Normal University, China

Date: **Sunday, 18 August, 2024, 14:00-18:00**

Venue: Lecture Hall 2

Opening Remarks: 14:00 - 14:30

Speakers:

- Mr. WEI Yushan, Dean, Chinese Academy of Press and Publication
- H.E. Mr. Lucas Dawa Dekena, Minister for Education, Independent State of Papua New Guinea
- Mr. XI Chuan, Poet, International Writing Center, Beijing Normal University, China

Moderator: Mr. CUI Haijiao, Vice Dean, Chinese Academy of Press and Publication



Keynote Speeches: 14:30 - 16:00

Speakers:

- *Accelerating the Construction of Smart Library Systems to Facilitate the Advancement of Smart Reading*

Mr. XIONG Yuanming, Former Director, National Library of China

- *Building High-Quality Smart Reading Classes*

Prof. XIE Youru, Vice Dean, School of Information Technology in Education, South China Normal University, China

- *Helping Every Child to Find Their Own Reading Path*

Prof. BIAN Yufang, Director, Academic Committee of the Collaborative Innovation Center of Assessment for Basic Education Quality, China

- *Digital Platforms Empowering the Effective Implementation of Reading Initiatives for Youth*

Mr. FAN Rulai, Director, Department of Library and Reading, National Resource Center for Basic Education, Ministry of Education, P.R.China

- *Words as the Voice of the Heart in Reading*

Prof. LI Hongyan, Broadcasting and Anchoring School, Communication University of China

- *New Future of Reading in the Age of Artificial Intelligence*

Mr. XU Shengguo, Director, Publishing Research Institute at the Chinese Academy of Press and Publication

Moderator: Mr. CUI Haijiao, Vice Dean, Chinese Academy of Press and Publication

Invited Speeches: 16:00 - 17:00

Speakers:

- *Integrating Print and Digital: Building a Home-School Reading Empowerment System*

Mr. XU Haifeng, President, Reading and Publishing Sub-branch, Foreign Language Teaching and Research Press, China

- *Research on Children's Graded Reading in the Age of Artificial Intelligence*

Mr. WANG Lin, Director, Children's Editorial Department, People's Education Press, China



Invited Speeches: 16:00 - 17:00

- *Promoting High-Quality Development of Smart Reading through Specialized Services*

Mr. LIANG Xuequan, Vice Chairman, School Book Equipment Branch, China Educational Equipment Industry Association

- *Promoting Children's Mental Growth through High-Quality Reading*

Prof. TAN Xudong, School of Literature, Shanghai University, China

- *Reading Leading the New Trend in Campus Culture: Exploration and Practice of the Suzhou University Model for National Reading*

Ms. SONG Haiying, Deputy Director of Student Work Department, Soochow University, China

- *Enhancing Students' Reading Literacy through Digital Reading Platforms*

Ms. YANG Na, Principal, Yuxin Primary School, Yuhua District, Changsha City, Hunan Province, China

Moderator: Prof. REN Mengshan, Dean, Graduate School, Communication University of China

Reader Dialogue: 17:00 - 18:00

Topic: Favorite Books and Reading Stories

Speakers:

- Ms. XUE Xiaoping, Dean, Yinling Academy
- Mr. LU Yuan, Editor/Associate Senior Editor of *Chinese Writers Magazine*; Writer from Guangxi Ethnic Minority
- WU Lingyu, Grade 5, Class 10, First Primary School of Ziyun Autonomous County, Anshun City, Guizhou Province
- HAO Xinyue, Doctoral Student in Education, Moscow State Pedagogical University
- Ms. LI Xiaoxiao, Young author, Critic

Moderator: Ms. LIAO Shuyuan, Director of the Retail Department, Newspaper and Periodicals Distribution Bureau, China Post Group Corporation Limited

Forum on Digital Transformation of K-12 Education

Introduction: The digital transformation of education involves the ongoing application of digital, networked, and intelligent technologies to reform educational systems. This comprehensive digitalization strategy spans all elements, processes, operations, and areas within the education sector. As global digital transformation accelerates, countries are developing digital strategies that prioritize educational digitalization as a key component. This shift presents both new opportunities and challenges for school reform. This forum will explore the following topics:

- Challenges and opportunities that digital transformation brings to K-12 education.
- New teaching and learning models integrating information technology.
- The evolution of future learning spaces and school structures.
- Innovative solutions such as cloud schools and smart campuses.

Hosts: National Engineering Research Center of Cyberlearning and Intelligent Technology, China

Bureau of Education of Shenzhen Municipality, China

Southeast Asian Ministers of Education Organization (SEAMEO)

Advanced Innovation Center for Future Education, Beijing Normal University, China

Partners: Shenzhen Welkin School, China

UNISED, China

NetDragon Websoft Inc., China

Date: **Monday, 19 August, 2024, 8:30-12:00**

Venue: Sports Hall

Opening Remarks: 8:30 - 8:45

Speakers:

- Prof. CHEN Guangju, Former Vice President, Beijing Normal University, China
- Mr. ZHAO Li, Deputy Director, Bureau of Education of Shenzhen Municipality, China



Opening Remarks: 8:30 - 8:45

- Mr. ZHANG Quan, Level II Bureau Rank Official, Department of Basic Education, Ministry of Education, P.R.China

Moderator: Ms. WANG Zhuzhu, Expert, Smart Education Demonstration Zone Project, Ministry of Education, P.R.China

Keynote Speeches: 8:45 - 10:20

Speakers:

- H.E. Mr. Susil Premajayanth, Minister of Education, The Democratic Socialist Republic of Sri Lanka
- *Digital Transformation in K to 12 Education: Understanding the Landscape of Education Technology in Southeast Asia*

Datuk Dr. Habibah Abdul Rahim, Director, Southeast Asian Ministers of Education Organization (SEAMEO) Secretariat

- *Innovation in Talent Development Models for the Smart Era*

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

- *Digital Transformation in Education Towards an Innovative Educational Future in the Arab Republic of Egypt*

H.E. Dr. Randa Ahmad Hafez Shaheen, First Undersecretary, Ministry of Education, The Arab Republic of Egypt

- *Shenzhen Welkin School Design Research Practice — The Road to Digital Transformation for the Future*

Mr. GONG Weidong, Principal, Shenzhen Welkin School, China

- *AI Unleashed: Shaping the Future of Education*

Ms. Kristina Ishmael, Founder of Ishmael Consulting, Former Deputy Director of Office of Educational Technology, U.S. Department of Education

Moderator: Ms. WANG Zhuzhu, Expert, Smart Education Demonstration Zone Project, Ministry of Education, P.R.China



Signing Ceremony: 10:20 - 10:30

- **Shenzhen Welkin School and Regional Cooperation Agreements (Longgang District, Guangming District, Pingshan District)**
- **Bureau of Education of Shenzhen Municipality and the Education Bureaus of Kashgar City, Karamay City in Xinjiang Cooperation Agreements**

Moderator: Mr. FAN Yongquan, Head, Basic Education Division, Bureau of Education of Shenzhen Municipality, China

Invited Speeches: 10:30 - 11:20

Speakers:

- *Reshaping the Forms from Smart Campus to Future School*

Prof. CAO Peijie, Deputy Director, Institute of Digital Education, China National Academy of Educational Sciences, China

- *Regional Digital Transformation Practices and Explorations Under the Guidance of Educational and Cultural Leadership: A Case Study of Karamay City*

Mr. ZHANG Yingxun, Director, Karamay Education Bureau, Xinjiang Uygur Autonomous Region, China

- *Explorations and Practices in Promoting Regional Education Digital Transformation*

Mr. WANG Hao, Deputy Director, Education and Sports Bureau of Honggutan District, Nanchang City, China

- *Building and Practicing a New Digital Education Ecosystem Driven by Data and Human-AI Collaboration*

Ms. ZHANG Huimin, Director, Shenzhen Education Information Technology Center, China

- *AI-powered, Cloud-based Multi-Teacher System*

Mr. ZHANG Shaohua, President, UNISED, China

Moderator: Prof. FENG Xiaoying, Faculty of Education, Beijing Normal University, China



Panel Discussion: 11:20 - 12:00

Theme: Exploration of “Design-Based Research” in Welkin School

Panelists:

- Mr. SHANG Junjie, Tenured Associate Professor; Executive Director, Graduate School of Education, Peking University, China
- Mr. ZHANG Yueying, Member of the Technical Teaching Guidance Professional Committee of the Basic Education Steering Committee, Ministry of Education, P.R.China
- Mr. TANG Xingchu, Chief Consultant, Shenzhen Welkin School, China
- Ms. ZHANG Lina, Secretary of CPC, Fenghuangcheng Experimental School, Guangming District, Shenzhen City, China

Moderator: Ms. ZHAO Yingping, Director of the Office and Chief Chinese Language Teacher, Shenzhen Welkin School, China

Forum on Smart Learning Environments and Digital Infrastructure

Introduction: Smart campuses are quintessential representatives of smart learning environments, and smart educational equipment is the fundamental condition for modern teaching activities. It directly impacts the educational process and plays a significant role in deepening curriculum reform, enhancing the quality of education, and fostering students' core literacy and practical innovation capabilities. This forum will explore the following topics:

- Standards and application schemes for the construction of smart campuses.
- Smart educational equipment and technological solutions.
- Evaluation of smart educational products.
- The construction and application of smart learning environments.
- The establishment of educational big data centers and school management platforms.

Guiding Organization: China Educational Equipment Industry Association (CEEIA)

Hosts: Center of Information & Network Technology, Beijing Normal University, China

National Engineering Research Center of Cyberlearning and Intelligent Technology, China

Partners: Kingsha, China

NetDragon Websoft Inc., China

Date: **Monday, 19 August 2024, 8:30-12:00**

Venue: Lecture Hall 1

Opening Remarks: 8:30 - 9:00

Speakers:

- Mr. ZENG Dehua, Deputy Director, Education Management Information Center, Ministry of Education, P.R.China
- Mr. LI Ying, Secretary General, China Educational Equipment Industry Association (CEEIA)



Opening Remarks: 8:30 - 9:00

- Mr. Cosmas Zavazava, Chief of Department, International Telecommunication Union (ITU) (Video)

Moderator: Ms. Seng Sineth, Deputy Director, Information Technology Department, Ministry of Education, Youth and Sport, The Kingdom of Cambodia

Keynote Speeches: 9:00 - 10:30

Speakers:

- *Strategic Reflections on the Digital Transformation of Higher Education*

Prof. YU Junqing, Vice President, Huazhong University of Science and Technology, China

- Dr. Pavan Duggal, Chairman, International Commission on Cyber Security Law (Video)

- *Inspiring Digital Creativity – A Computational Thinking Education for Primary Students in Hong Kong*

Mr. Daniel Lai, Programme Director, CoolThink@Jockey Club, Hong Kong, China

- Prof. Ahmed Ansary, Founder President & the Group Managing Director, the Asia e-Learning Pvt Ltd.

- *LLM and CbITS: Applications and Prospects*

Prof. HU Xiang'en, Director, Institute for Higher Education Research and Development, The Hong Kong Polytechnic University, China

- *Digital Transformation of Education and Innovation in Educational Equipment*

Ms. LIU Qiang, Secretary-General of the National Technical Committee for Standardization of Educational Equipment, China

Moderator: Ms. Seng Sineth, Deputy Director, Information Technology Department, Ministry of Education, Youth and Sport, The Kingdom of Cambodia



Outcome Release: 10:30 - 10:40

Large-Scale Smart Classroom Monitoring Platform & Comprehensive Three-Dimensional Teaching Field Construction Guide

Presenters:

- Prof. LI Yanyan, Co-Director, Knowledge Modeling and Analysis Laboratory, National Engineering Research Center of Cyberlearning and Intelligent Technology, China
- Prof. PANG Mingyong, Faculty of Education Science, Nanjing Normal University, China

Moderator: Mr. SUN Qiurui, Vice Director, Center of Information & Network Technology, Beijing Normal University, China

Invited Speeches: 10:40 - 12:00

Speakers:

- *Exploration and Practice of Smart Campuses and Intelligent Educational Equipment in the New Era*

Prof. WU Zhuang, Director, Beijing Digital Education Center, China

- *AI Empowered Curriculum Development*

Mr. ZHANG Xiaoping, Director, Informatization Office, Tsinghua University, China

- *Practice and Reflection on the Digital Transformation in Vocational Education*

Mr. WU Jiaoyu, President, Guangdong Polytechnic, China

- *xHub—Integrating Artificial Intelligence with Innovative Educational Environments*

Mr. CHEN Hong, Senior Vice President, NetDragon Websoft Inc., China

- *AI Technology Leading a New Chapter in the Digital Transformation of Education in Nancheng County*

Mr. LI Ziming, Director, Education and Sports Bureau, Nancheng County, Fuzhou City, Jiangxi Province, China



Invited Speeches: 10:40 - 12:00

Speakers:

- *Practical Sharing on New Pathways for Regional Education Development in Sichuan Province*

Mr. LI Feng, Director, Operation and Maintenance Center, Sichuan Provincial Education Informationization and Big Data Center, China

- *Artificial Intelligence Image Information Standardization Technology Supporting the Digital and Intelligent Transformation of Education Management*

Mr. RUAN Jipeng, Chief Executive Officer, Kingsha, China

- *“115” Digital and Intelligent Action: Pioneering a New Path in Educational Innovation*

Mr. LI Bin, Principal, Chongguang Primary School, Liangjiang New Area, Chongqing City, China

Moderator: Mr. SUN Qiurui, Vice Director, Center of Information & Network Technology, Beijing Normal University, China

Forum on AI for Comprehensive Assessment and Evaluation

Introduction: With the rapid development of new generation information technologies such as artificial intelligence and big data, how to leverage intelligent technologies to enhance comprehensive evaluation capabilities and promote educational development has become an important topic both domestically and internationally. This forum will explore the following topics:

- Review the development history of comprehensive quality evaluation.
- Explore the future direction of comprehensive quality evaluation.
- Share innovative experiences in theory and practice reform of comprehensive quality evaluation supported by information technology.

Hosts: Research Institute of K-12 Educational Big Data Application, Beijing Normal University, China
National Engineering Research Center of Cyberlearning and Intelligent Technology, China

Date: **Monday, 19 August 2024, 8:30-12:05**

Venue: Lecture Hall 2

Opening Remarks: 8:30 - 8:40

Speakers:

- Ms. SHU Hua, Deputy Director, Department of Science, Technology and Informatization, Ministry of Education, P.R. China

Moderator: Prof. CHEN Li, Beijing Normal University

Keynote Speeches: 8:40 - 9:30

Speakers:

- *Student Comprehensive Quality Assessment: Development History and Future Directions*
Prof. LIU Zhijun, Henan University of Technology, China



Keynote Speeches: 8:40 - 9:30

- *Diagnosis-Oriented Comprehensive Quality Assessment Supported by Intelligent Technology*

Prof. ZHENG Qinhu, Beijing Normal University, China

Moderator: Prof. LI Shuang, Beijing Normal University, China

Thematic Speeches: 9:30 - 12:00

Speakers:

- *The Digitalization and Intelligence-driven Transformation of Comprehensive Quality Evaluation for Primary and Secondary School Students*

Mr. DONG Cheng, Deputy Director, Education Department of Heilongjiang Province, China

- *Changsha Model of “the Integration of Moral, Intellectual, Physical, Aesthetic and Labor Education” Under the Guidance of Student Comprehensive Quality Assessment*

Mr. NIE Tingfang, Deputy Director, Bureau of Education of Changsha Municipality, Hunan Province, China

- *Shaping a New Era of Happy Growth with “Digital Intelligence” — Regional Practices of AI-Driven Reforms in Student Comprehensive Quality Assessment*

Mr. SHEN Jian, Director, Suzhou Industrial Park Education Bureau, Jiangsu Province, China

- *Practices and Reflections on the Educational Evaluation Reform in Nanshan*

Ms. YANG Jun, Director, Nanshan District Education Bureau, Shenzhen City, Guangdong Province, China

- *Exploring the Trajectory of Student Growth: Nanhai’s Practices of Data-Driven Student Comprehensive Quality Assessment*

Mr. ZHONG Wenchuan, Director, Nanhai District Education Bureau, Foshan City, Guangdong Province, China

- *Digitalization Empowering Educational Governance Evaluation Guiding Talent Development*

Mr. MING Jianping, Director, Heping District Education Bureau, Tianjin City, China



Thematic Speeches: 9:30 - 12:00

- *Digital Intelligence Empowering Evaluation to Promote Holistic Student Development*

Mr. ZHANG Xuezheng, Deputy Director, Xigong District Education Bureau, Luoyang City, Henan Province, China

- *Future of Digital Evaluation in Jinniu: Regional Coordination for Reform and Innovation in Comprehensive Student Quality Evaluation*

Mr. ZHANG Youcai, Dean, Jinniu District Institute of Educational Science Research, Chengdu City, Sichuan Province, China

- *Exploring the Practice of Comprehensive Quality Assessment for Rural Students in the Context of Artificial Intelligence*

Mr. CHEN Rongxian, Deputy Director, Ziyun Miao and Buyei Autonomous County, Anshun City, Guizhou Province, China

- *Innovating Student Comprehensive Quality Assessment Models with the Empowerment of Intelligent Technology*

Mr. TANG Chao, Director, Laoshan District Education and Sports Bureau, Qingdao City, Shandong Province, China

Moderator: Prof. LI Shuang, Beijing Normal University, China

Concluding Speech: 12:00 - 12:05

Speaker:

- Prof. LI Shuang, Beijing Normal University, China

Forum on Digitalization for Regional Educational Development

Introduction: The integration of education and technology is not merely a tactical approach for educational advancement. It is a strategic initiative aimed at reshaping educational development, opening new avenues for progress, and unleashing new advantages. Planning for digital education requires a future-oriented vision, a deep understanding of the transformative impact of digital technologies on education, and a comprehensive approach to building a new digital ecosystem for regional education. This forum will explore the following topics:

- Integrated, intelligent, and international development pathways for regional education.
- Digital governance models, and innovative practices in the digital transformation of regional education.

Hosts: Smart Learning Institute of Beijing Normal University, China
International Society for Technology in Education (ISTE)
Southeast Asian Ministers of Education Organization (SEAMEO)
Bureau of Education of Chongqing Liangjiang New Area, China
People's Daily Information Technology Co., Ltd., China
Hailiang Education Technology, China
Onion Academy, China

Date: **Monday, 19 August 2024, 14:00-18:00**

Venue: Sports Hall

Opening Remarks: 14:00 - 14:20

Speakers:

- Mr. YANG Yinfu, Vice President and Secretary General, Chinese Society of Education
- Datuk Dr. Habibah Abdul Rahim, Director, Southeast Asian Ministers of Education Organization (SEAMEO) Secretariat

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



Keynote Speeches: 14:20 - 16:00

Speakers:

- *Empowering Educators in the Digital Age: A Vision for Teacher Education and Digital Literacy*

Mr. Svein Oesttveit, A.I. Director, UNESCO International Bureau of Education (UNESCO IBE)

- Dr. YE Zhenzhen, Chairman, People's Daily Online, China; Director, National Key Laboratory for Media Content Cognition, China

- *Charting a Path: A Roadmap for Lifelong Learning*

Ms. Nikole Canatella Blanchard, Board of Directors, International Society for Technology in Education (ISTE)

- *Leading Regional Education Digitalization Development through Exploration and Practice in Smart Education*

Mr. HU Weifeng, Level I Bureau Rank Official, Sichuan Provincial Department of Education, China

- *School Solutions for Digital Transformation*

Prof. GU Xiaoqing, Director, Department of Education Information Technology, East China Normal University, China

- *TAC Digital Education New Momentum Powered by New Quality Educational Productive Forces*

Mr. LI Tingyi, Director, Chongqing Liangjiang New Area Education Bureau, Chongqing City, China

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

Outcome Release: 16:00 - 16:20

- *National New Area Smart Education Development Research Report*



Outcome Release: 16:00 - 16:20

- *Educational Resources Quality and Equity Technology Innovation Alliance*

Invited Speeches: 16:20 - 18:00

Speakers:

- *Charting a New Path: District-Wide Promotion of Education Digital Transformation*

Ms. XIONG Qiuju, Director, Changning District Education Bureau, Shanghai City, China

- *Advancing Regional Education Digital Transformation and Deepening Comprehensive Educational Reform*

Ms. GAO Shuyin, Deputy Director, Center for Educational Technology and Informatization Research, Tianjin Academy of Educational Science, China

- *Building a Regional Digital New Ecosystem to Empower High-Quality Educational Development in Yuzhong District*

Mr. XIAO Fangming, Director, Yuzhong District Education Commission, Chongqing City, China

- *Basic Education in the Age of Intelligence: Building a Digital Ecosystem for Education*

Ms. MENG Ying, Director, Longhua District Education Bureau, Shenzhen City, China

- *Innovative Pathways for Digital Empowerment in High-Quality Educational Development*

Mr. YANG Linfeng, Chairman of the Board, Onion Academy, China

- *Teaching Based on Information Technology Transformation, Targeting Precision in Innovative Courses*

Mr. WANG Benbin, Chief County-Level Inspector, Education Supervision Office, People's Government of Zunyi City, Guizhou Province, China

- *Hailiang's Solution for Digital Empowerment of Rural Education Revitalization*

Mr. ZHANG Yan, President, Hailiang Technology Group, China

- Mr. CHEN Tinggang, Director, Shuangliu District Education Bureau, Chengdu, China

Moderator: Ms. HUANG Lulu, Editor, Special Issue on Informatization and Smart Education, China Education Daily, China

Forum on Development and Use of Digital Textbooks

Introduction: Teaching materials are the key elements of education and teaching, and they are also the fundamental carriers for fulfilling the essential task of moral education and character building. With the widespread application of digital technology in the field of education, textbooks have evolved from a single paper-based form to a static digital form, and then to a dynamic, interactive digital form. This forum will explore the following topics:

- How digital technology aids in the planning and management of textbooks.
- The future development direction of new types of textbooks.
- The construction path and technical solutions for digital textbooks.
- Application scenarios of digital textbooks.
- Standards and evaluation of digital textbooks.
- New types of textbooks based on knowledge graphs.

Hosts: Higher Education Press
Higher Education Electronic Audio-Visual Press
Higher Education Digital Textbooks Innovation and Development Alliance
National Engineering Research Centre of Cyberlearning and Intelligent Technology

Date: **Monday, 19 August 2024, 14:00-18:00**

Venue: Lecture Hall 1

Opening Remarks: 14:00 - 14:30

Speakers:

- Mr. LIU Chao, President, Higher Education Press, China
- H.E. Ms. Maryam Mariya, Minister, Higher Education, Labour and Skills Development, Maldives

Moderator: Ms. LONG Jie, Deputy Editor-in-Chief, Higher Education Press, China



Keynote Speeches: 14:30 - 16:50

Speakers:

- *Practical Exploration and Future Prospects of Digital Textbooks with Chinese Characteristics*

Mr. TAN Fangzheng, Chief Editor, Higher Education Press, China

- *Machine-generated Learning Elements from Books – A Case Study*

Mr. Niels Peter Thomas, Managing Director, Books, Springer Nature

- *Construction of New Form of Digital Teaching Materials: Basic Logic and Practical Path*

Prof. LI Jianjun, Vice President, Central University of Finance and Economics, China

- *Quantifying the Unquantifiable Language Learning Progress*

Mr. Joe Lam, Executive Director, Pearson China

- *Jobs-to-be-done: A Research-Based Approach to Developing Smart Teaching Resources*

Mr. Michael Cahill, Senior Director, ELT Asia, National Geographic Learning, Cengage Group

- *Construction of Digital Textbooks for Smart Education*

Prof. WANG Quan, Vice President, Xidian University, China

- *Teacher Capacity Building with AI and Digital Technologies - E-library for Teachers: Experience of UNESCO IITE and NetDragon*

Ms. Natalia Amelina, Senior National Project Officer in Education, Chief of Unit, Unit of Teacher Professional Development and Networking, UNESCO IITE

Moderator: Mr. ZHANG Ze, Deputy Chief Editor, Higher Education Press, China

Intermission: 16:50 - 17:00

Alliance for the Innovative Development of Digital Textbooks in Higher Education (Video)



Panel Discussion: 17:00 - 18:00

Theme: Challenges and Opportunities of Digital Textbooks

Panelists:

- Dr. Darcy Sperlich, Associate Professor, Xi'an Jiaotong-Liverpool University, China
- Mr. LI Hong, Deputy Secretary-General, China Audio-Video and Digital Publishing Association
- Prof. WANG Haixiao, Nanjing University, China
- Prof. CHEN Wenzhi, Zhejiang University, China

Moderator: Prof. WU Di, Central China Normal University, China, Executive Deputy Director of Education Informatization Strategic Research Base (Central China), Ministry of Education, P.R.China

Forum on Smart Learning in Early Childhood Care and Education

Introduction: Digital technology has significantly transformed the content and methods of early childhood education, empowering its development. This is not only a positive response to the sustainable development of preschool education and the national strategy for modernizing education, but also an objective demand of the digital existence of modern children. The goal is to promote high-quality, balanced, healthy, and sustainable development of preschool education, ensuring that children have a happy and joyful childhood. This forum will explore the following topics:

- Regional practice paths for the high-quality development of digital intelligence in preschool education.
- The construction of digital resource environments.
- The training of preschool education professionals in the context of digitalization.
- The assessment of the quality of care and education in kindergartens.
- The public service system for inclusive and beneficial preschool education.

Hosts: School of Continuing Education and Teacher Training, Beijing Normal University, China

Xiaoshan District Education Bureau, Hangzhou City, China

Partner: Hangzhou Kaiyue Kindergarten, China

Date: **Monday, 19 August, 2024, 14:00-18:00**

Venue: Lecture Hall 2

Opening Remarks: 14:00 - 14:30

Speakers:

- Prof. CHEN Guangju, Former Vice President, Beijing Normal University, China
- Department of Basic Education, Ministry of Education, P.R.China
- Mr. Marc Prensky, Speaker, Author, Consultant, Proponent of the concepts “Digital Natives” and “Digital Immigrants”

Moderator: Mr. ZHU Shengying, Dean, School of Continuing Education and Teacher Training, Beijing Normal University, China



Keynote Speeches: 14:30 - 16:00

Speakers:

- *Educational Prosperity, Love Reaches a Thousand Miles — The Xiaoshan Model for High-Quality Development of Preschool Education Powered by Digital Intelligence*

Mr. ZHANG Jianping, Director, the Education Bureau of Xiaoshan District, Hangzhou City, Zhejiang Province, China

- *Digital Intelligence Infinity — The Action for Reducing Burden, Enhancing Efficiency, Expanding Excellence, and Raising Quality in Yangzhong City Preschool Education*

Mr. FANG Xuejian, Director, the Education Bureau of Yangzhong City, Jiangsu Province, China

- *Inclusive Education-Inclusive Societies*

Ms. Tone Lisbeth Mork, Chair, the Commission on Education of Rehabilitation International

- *The Practice Patterns and Support Strategies for Digital Parenting in the Digital Age*

Prof. LI Xiaowei, Department of Education, Beijing Normal University, Deputy Secretary General of China Preschool Education Research Association, member of the Early Childhood Family Education Committee of China Family Education Association

- *Applying Technology to Promote Deep Learning in Early Childhood Education: The Key Role of Child Autonomy*

Mr. LIN Mingxiang, Chancellor, EIS International Pre-school, Hong Kong, China

Moderator: Ms. ZHANG Li, Vice Dean, School of Continuing Education and Teacher Training, Beijing Normal University, China

Release Session: 16:00 - 16:15

- **Inauguration Ceremony and Launch of the National Digital Education Preschool Community and Initiative & Appointment Ceremony for Experts of the National Digital Preschool Education Community**

Moderator: Ms. ZHANG Li, Vice Dean, School of Continuing Education and Teacher Training, Beijing Normal University, China



Invited Speeches: 16:15 - 17:30

Speakers:

- *Practical Exploration of Enhancing Kindergarten Quality through Information Technology under the 'Harmony and Convergence' Culture*

Ms. WANG Lan, Principal, Xicheng Sanjiaosi Kindergarten, Beijing, China

- *Constructing and Exploring the Digital Evaluation System for Promoting Good Habits in Young Children*

Ms. LI A'hui, Principal, Hangzhou Kaiyue Kindergarten, Xiaoshan District, Beijing, China

- *Visual Exploration of Children's Representations in Deep Learning*

Ms. TIAN Hui, Principal, Yinchuan Kindergarten, Beijing Normal University, China

- *Practical Exploration of Digital Empowerment for Quality Improvement in Rural Kindergartens*

Ms. SHAO Lifang, Principal, Central Kindergarten, Heshang, Xiaoshan District, Hangzhou City, Zhejiang Province, China

- *Exploring the Digital and Intelligent Practices of the Four Seasons of Excellence*

Ms. HU Yan, Principal, Hangzhou TianShui Kindergarten, Zhejiang Province, China

- *The High-quality Development Strategy of Subject Teaching and Research Based on the National Intelligent Education Platform*

Ms. Gao Min, Deputy Director, Training and Research Center of Nursery School, Gansu Province, China

- *Triple chain Growth, Helping Wenling Preschool High-quality Development*

Ms. WU Jingqing, Preschool Education Researcher, Education Development Institute, Wenling City, Zhejiang Province, China

- *Empowering "Children's City" Curriculum with Information Technology, Supporting Greater Self-Directed Learning and Development for Young Children*

Ms. ZHANG Cui, Principal, Second Kindergarten, Beijing Economic-Technological Development Area, China

- *Empowering with Digital Intelligence and Enhancing Quality through Innovation: Practical Exploration of High-Quality Development in Newly Established Inclusive Kindergartens*

Ms. LV Hong, Principal, Ya He Kindergarten of Bo Ya Primary School, Liangjiang New Area, Chongqing City, China



Invited Speeches: 16:15 - 17:30

Speakers:

- *Education for All and Innovative Technologies in ECCE: Challenges and Opportunities*

Ms. Natalia Amelina, Senior National Project Officer in Education, Chief of Unit, Unit of Teacher Professional Development and Networking, UNESCO IITE

Moderator: Ms. YU Benyun, School of Continuing Education and Teacher Training, Beijing Normal University, China

Forum on AI-driven Innovation in Higher Education

Introduction: The digitalization of higher education is a strategic issue that affects and even determines the high-quality development of higher education. To advance the digitalization of higher education, it is essential to clarify a consensual vision for digital transformation, fully recognize the multidimensional practical challenges faced during the digitalization process, and profoundly grasp the core concerns of educational digitalization to promote the construction of an inclusive, efficient, resilient, and sustainable higher education ecosystem. This forum will explore the following topics:

- Challenges and responses of the digital transformation of higher education.
- The empowerment of digital technology for the sustainable development of higher education.
- Digital pedagogy and the cultivation of innovative talents.
- The open and shared model of education.
- The transformation of the learning environment driven by smart technology.

Hosts: Beijing Normal University, China
The Education University of Hong Kong, China
The Hong Kong Polytechnic University, China
The UNESCO International Institute for Higher Education in Latin America and the Caribbean (UNESCO IESALC)

Partner: The Hong Kong Jockey Club Charities Trust, Hong Kong, China

Date: **Tuesday, 20 August, 2024, 8:30-12:00**

Venue: Sports Hall



Opening Remarks: 8:30 - 9:00

Speakers:

- Mr. GUO Xinli, Vice President, China Association of Higher Education
- H.E. Mr. Susil Premajayanth, Minister of Education, The Democratic Socialist Republic of Sri Lanka
- Mr. GAO Dongfeng, Deputy Director, Department of Higher Education, Ministry of Education, P.R.China
- Prof. LEE Chi Kin, JP, President, The Education University of Hong Kong, China (Video)

Moderator: Prof. ZHOU Haitao, Institute of Higher Education, Beijing Normal University, China

Keynote Speeches: 9:00 - 9:50

Speakers:

- *New Forms of AI Empowered Competency-Oriented Higher Education Transformation in Digital Era*

Mr. XU Xiaofei, Deputy Director, Steering Committee on Teaching Informatization and Teaching Method Innovation for Higher Education Institutions, Ministry of Education, P.R.China

- *National Policies to Promote AI: The Role of Universities*

Dr. Francesc Pedró, Director, UNESCO International Institute for Higher Education in Latin America and the Caribbean (UNESCO IESALC)

- *Smart Education on Cloud*

Prof. Saoussen KRICHEN, General Manager, CCK (Centre de Calcul El-Khawarizmi), Ministry of Higher Education and Scientific Research, Tunis

Moderator: Prof. ZHOU Haitao, Institute of Higher Education, Beijing Normal University, China

Call for Partner: 9:50-10:00

Call for Partner: Social Experiment on AI Transforming Higher Education

Speaker:

- Dr. Julia Chen, Director, Educational Development Centre, The Hong Kong Polytechnic University, China



Keynote Speeches: 10:00 - 12:00

Speakers:

- *The challenges and opportunities for teaching and assessment in the age of generative AI*

Prof. Adam Bridgeman, Pro Vice-Chancellor (Educational Innovation), University of Sydney, Australia

- *Exploration and Practice of “AI+HI” Empowered Education and Teaching at Shanghai Jiao Tong University*

Prof. ZHANG Zhaoguo, Vice President, Shanghai Jiao Tong University, China

AI-driven Innovation in Higher Education in Tonga

- Dr. Tangikina Moimoi-Steen, Interim Vice Chancellor, Tonga National University, Tonga

- *Exploring the Role of Artificial Intelligence in Empowering Ecological Civilization Education*

Prof. CHENG Wu, Vice President, Beijing Forestry University, China

- *NBIC-Convergence and Contemporary Education*

Dr. Dmitry Mazarchuk, Vice-Rector, University of National Academy of Sciences of Belarus

- *Tertiary Education for Future Work: Integrating Smart Education*

Prof. Admasu Tsegaye, Addis Ababa University, Ethiopia; Former President, Addis Ababa University, Ethiopia

- Ms. Margarita Caballero, Vice President of Economics, University of Havana, Cuba

- *National University of Science and Technology POLITEHNICA Bucharest-accelerating industrial revolutions*

Prof. Viorel Nicolae, Vice Rector, University of Pitishiti, Romania (Video)

Moderator: Dr. Julia Chen, Director, Educational Development Centre, The Hong Kong Polytechnic University, China

Forum on AI and the Future of Teaching

Introduction: A high-quality teaching workforce is the foundation of sustainable educational development. The rapid advancement of generative artificial intelligence technologies, with the emergence of large models that are increasingly integrated into educational teaching, has a significant impact on the professional literacy and capabilities of teachers. GAI, LLM, general large models, and deep learning algorithms, are they empowering or disrupting teachers? How should the training objectives of teachers of the future be adjusted? How should teacher development confront these challenges? These questions of the times are widely concerned. The future has arrived, and how to prepare teachers for the intelligent era is crucial to the well-being of teachers, the implementation of the strategy for a strong educational nation, and the rise and fall of national and ethnic education. This forum will explore the following topics:

- The challenges generative AI poses to the professional capabilities of teachers.
- The pathways and methods for AI to empower the high-quality training of pre-service teachers.
- The paths, models, and methods for smart educational research to promote teacher development.

Hosts: UNESCO Institute for Information Technologies in Education (UNESCO IITE)
Faculty of Education, Beijing Normal University, China
UNESCO Chair on Artificial Intelligence in Education
Institute of Artificial Intelligence Education, South China Normal University,
China

Partner: Tencent Cloud, China

Date: **Tuesday, 20 August 2024, 8:30-12:00**

Opening Remarks: 8:30 - 9:00

Speakers:

- Department of Teacher Education, Ministry of Education, P.R.China
- Prof. Amal El Fallah Seghrouchni, Sorbonne University; Executive President, Moroccan International Center for Artificial Intelligence; Member of World Commission on the Ethics of Scientific Knowledge and Technology (COMEST), UNESCO



Opening Remarks: 8:30 - 9:00

- Prof. ZHU Xudong, Dean, Faculty of Education, Beijing Normal University, China

Moderator: Prof. MU Su, Vice Dean, Institute of Artificial Intelligence Education, South China Normal University, China

Keynote Speeches: 9:00 - 10:20

Speakers:

- *Data-Intelligence Empowered Fusion Education: An Innovative Framework for Smart Education Practice*

Mr. ZHU Zhiting, Tenured Professor, East China Normal University, China

- *Supporting Teachers to Design Artificial Intelligence-Enhanced Learning Activities*

Prof. Margarida Romero, Université Côte d'Azur, France; Author of *Creative Applications of Artificial Intelligence in Education*

- *Artificial Intelligence and the Future of Education*

Dr. Quentin Wodon, Director, UNESCO IICBA (Video)

- *Tencent's Exploration of AIGC in Educational Teaching*

Mr. YANG Hui, General Manager, Education Industry Business, Tencent Cloud, China

- *Infusing New Momentum into the Training of Education Students with Artificial Intelligence*

Prof. HU Xiaoyong, Executive Vice Dean, Institute of Artificial Intelligence Education, South China Normal University, China

Moderator: Prof. MU Su, Vice Dean, Institute of Artificial Intelligence Education, South China Normal University, China

Break Session: 10:20-10:30

Radiance of Education (Video)



Invited Speeches: 10:30-12:00

Speakers:

- *Generative AI and the Future of Teaching*

Prof. Abtar Darshan Singh, UNESCO Chair on Harnessing Innovations in Technology to Support Teachers & Quality Learning

- Prof. KONG Siu Cheung, Director, Artificial Intelligence and Digital Competency Education Centre, The Education University of Hong Kong, China

- *Infusing New Momentum into the Training of Prospective Teachers through Artificial Intelligence*

Mr. ZHOU Zhihua, Founder and CEO, Digital Campus, OUR SCHOOL, China

- *Smart Education in the Era of AI: Empowering Teachers and Teacher Trainers through Peer-to-Peer Collaboration*

Ms. Jyoti Rahaman, Senior Project Executive, Education Innovation Lead, Asia-Europe Foundation (ASEF)

- *How the National Smart Education Platform Shapes the Teachers of the Future*

Mr. YANG Jinyong, Director, Center for Educational Technology and Resource Development, Ministry of Education, P.R.China

- *Teaching and Learning with AI language Models: From Content Summarization to Interactive Learning*

Prof. ZHAO Cheng, SDU-ANU Joint Science College, Shangdong University, China

- *Artificial Intelligence Empowers Rural Education — Ali Youth Cloud Project Illuminates the Dream Path of Teachers and Students in Mountainous Areas*

Mr. FAN Liang, Principal, Xinpū Central Primary School, Mian County, Hanzhong City, Shaanxi Province, China

- *Constructing an AI-based Environment to Foster Teachers' Digital Growth*

Mr. JIANG Junbin, Principal, Lijia Experimental Primary School, Liangjiang New Area, Chongqing City, China

- *Intelligent Coexistence: The Practice of Cultivating Teachers' Digital Literacy in Pudong*

Ms. LI Baiyan, Dean, Shanghai Pudong Institute of Education Development, China (Video)

Moderator: Ms. Natalia Amelina, Senior National Project Officer in Education, Chief of Unit, Unit of Teacher Professional Development and Networking, UNESCO IITE

Forum on Smart Villages and Education for Rural Transformation

Introduction: In the process of achieving educational transformation and high-quality development, filling the gap in rural education and development is a major concern of all countries. Strengthening the digital transformation of education and promote innovative development of rural education is an important guarantee for bridging the “digital divide” between urban and rural areas, enhancing the quality development of rural education, promoting educational equity and achieving the Sustainable Development Goals for Quality Education (SDG4), so as to promote the realization of the 2030 Agenda for Sustainable Development.

This thematic forum will discuss the following topics: rural education revitalization and education revitalization for rural development; digital technology empowering high-quality development of rural education; digital technology empowering rural teachers and teacher professional development; STEM education in the rural settings; digital transformation of TVET and higher education; learning, skills transformation and innovative talent cultivation for promoting rural revitalization; learning villages in the digital era, etc.

Organizers: UNESCO International Research and Training Centre for Rural Education (UNESCO INRULED)

Southeast Asian Ministry of Education Organization Regional Center for Technical Education Development (SEAMEO TED)

UNESCO Regional Office for East Asia (UNESCO Beijing)

Southeast Asian Ministry of Education Organization Regional Centre for STEM Education (SEAMEO STEM-ED)

School of Educational Technology, Northwest Normal University, China

Date: **Monday, 20 August, 2024, 8:30-12:00**

Venue: Lecture Hall 2



Opening Remarks: 8:30 - 9:00

Speakers:

- Prof. ZHOU Zuoyu, Vice President, Beijing Normal University, China; Director, UNESCO INRULED
- Mr. Shahbaz Khan, Director, UNESCO Regional Office for East Asia (video)
- H.E. Ms. Bo Chankoulika, Under Secretary of State, Ministry of Education, Youth and Sport, The Kingdom of Cambodia

Moderator: Dr. ZHAO Yuchi, Executive Director, UNESCO INRULED

Keynote Speeches: 9:00 - 10:00

Speakers:

- *Learning Villages in a Digital Era (LVDE): Review of Policies and Practices*
Prof. Vinayagum Chinapah, Emeritus Professor, Stockholm University, Sweden
- *Driving Rural Transformation Through TVET and Skills Development*
Prof. WANG Libing, Chief of the Section for Education, UNESCO Regional Office in Bangkok, Thailand
- *Pathways for ICT to Empower Balanced Allocation of Urban and Rural Educational Resources*
Prof. GUO Jiong, School of Educational Technology, Northwest Normal University, China

Moderator: Dr. QI Xinjian, Project Expert, UNESCO INRULED

Release Session: 10:00-10:10

Introduction of INRULED Projects (Video)



Country Cases Report: 10:10 - 11:20

Speakers:

- *Advancing STEM Education in Rural Southeast Asian Schools*

Dr. Morn Kritsachai Somsaman, Director, SEAMEO STEM-ED

- Mr. Ricaud Auckbur, Acting Chief Technical Officer, Ministry of Education, Mauritius

- *The Practice of Cultivating Innovative and Entrepreneurial Talents of Returned Overseas Chinese and Students to Promote Rural Revitalization in Lin'an District of Hangzhou*

Mr. SHUAI Jianzhu, Chairman, Federation of Returned Overseas Chinese, Lin'an District, Hangzhou City, Zhejiang Province, China

- *Online Professional Development to Empower Rural Education*

Prof. Greg Shaw, Emeritus Professor, Charles Darwin University, Australia

- Prof. Min Bahadur Bista, Education Planning and Management in the Department of Education, Tribhuvan University, Nepal

- *Smart Villages and Education for Rural Transformation*

Mr. Risoi Koiyu, Executive Director, Institute of Technical Vocational Education and Training, University of Goroka, Independent State of Papua New Guinea

Moderator: Mr. Khat Prumsochetra, Deputy Director, SEAMEO TED

Panel Discussion: 11:20 - 12:00

Theme: Promoting Digital Transformation of TVET for Sustainable Rural Development

Panelists:

- Ms. Supriatin Dra, Chairman of the SMK Global Technology Vocational Technical High School, Indonesia
- Mr. Haji Hamzah Ahmad Fakhurrazi, Dean of the Lahad Datu Vocational College, Malaysia
- Dr. Carina C. Untalasco, Principal IV of the Calasiao Comprehensive National High School of Department of Education, Philippines
- Mrs. Puttachard Suphalucksana, Director of the Centre for International Education Promotion of Taksina Institute of Business and Technology, Thailand
- Assoc. Prof. Dr. Vu Van Phong, Deputy Director of the Office of Science and Technology of University of Science and Technology Education, Ho Chi Minh City, Vietnam

Moderator: Ms. FANG Yuan'an, Project Coordinator, UNESCO INRULED

Forum on Integration of Education, Technology and Industry

Introduction: Under the interplay of technological advancement, societal transformation, and educational evolution, technology and education are gradually forming a new pattern of systemic deep integration across all fields, elements, processes, and business operations, characterized by extensiveness, diversity, and pluralistic values. The continuous upgrade of the intelligent technology ecosystem will serve students' adaptive growth, support teachers' professional development, and facilitate the intelligent upgrading of the learning environment. The integration of technology and education is the dynamic engine for reshaping the talent cultivation system, while the integration of industry and education is the mechanism to enhance the resilience of education and the economy, supporting and leading innovative practices in smart education. This forum will explore the following topics:

- Key technologies and application scenarios for technology to empower educational transformation.
- Implementation paths for the innovative development of the integration of technology and education.
- Collaborative innovation models for the integration of industry and education.
- The application of scientific and technological project achievements in education.
- The technological revolution and new quality of productive forces.

Guiding Organizations:

The Administrative Center for China's Agenda 21, China

China Industry-University-Research Institute Collaboration Association (CIUR)

Hosts: National Engineering Research Center of Cyberlearning and Intelligent Technology
State Key Laboratory of Virtual Reality Technology and Systems, China
UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Date: **Tuesday, 20 August, 2024, 14:00-17:00**

Venue: Sports Hall



Opening Remarks: 14:00 - 14:20

Speakers:

- Mr. WANG Jianhua, President, China Industry-University-Research Institute Collaboration Association
- Prof. Saoussen KRICHEN, General Manager CCK (Centre de Calcul El-Khawarizmi), Ministry of Higher Education and Scientific Research, Tunisia
- Mr. WANG Shunbing, Deputy Director, Department of Social Affairs, The Administrative Center for China's Agenda 21

Moderator: Prof. YU Qingchen, Vice Dean, Faculty of Education, Beijing Normal University, China

Keynote Speeches: 14:20 - 15:30

Speakers:

- *Reflections and Practices on Cultivating Top Innovative Talent through the Integration of Science, Education, and Technology under the Vision of Carbon Neutrality*

Prof. GAO Xiang, Academician of Chinese Academy of Engineering; President, Zhejiang University of Technology, China

- Ms. Dorothy Gordon, Former Chair, Information for All Programme
- *Deepening Industry-Academia-Research Collaboration and Accelerating the Development of New Quality Productive Forces*

Mr. LEI Chaozi, Executive Vice President, CIUR, China

- *Digital Transformation in Education in the Arab Region - Focus on Higher Education*

Prof. Mohamed Jemni, Director of ICT Department, ALECSO

Moderator: Prof. YU Qingchen, Deputy Director, Faculty of Education, Beijing Normal University, China

Release Session: 15:30-15:45

China's Smart Education Industry-Academia-Research Collaborative Innovation Platform



Invited Speeches: 15:45 - 17:00

Speakers:

- *Digital Education Product Risk Monitoring Technical System and Application Practice*

Prof. TONG Lili, Faculty of Education, Beijing Normal University, China; Deputy Director, National Engineering Research Center for Cyberlearning and Intelligent Technology; Deputy Director, Educational Informatization Strategy Research Base (Beijing), Ministry of Education, P.R.China

- *Language Education Technology - Observations and Reflections of a Computer Scientist*

Prof. QIAN Weining, Dean, School of Data Science and Engineering, East China Normal University, China

- *Safety and Green Construction of Primary and Secondary School Campuses in the Context of Digitalization*

Prof. ZHANG Yuhu, Deputy Director, Department of Science and Technology, Capital Normal University, China

- *Vocational Education Cooperation in the Context of Globalization: International Perspectives and Local Practices*

Mr. YU Biao, Senior Vice President of NetDragon Websoft Inc., China; Chairman of Fujian Huayu (China); Chairman of Fuzhou Software Technology Vocational College, China

- *Smart Education, Integration of Medical Education - Integrated Development of Campus Health Education from an Interdisciplinary Perspective*

Mr. ZHANG Quan, Chief Physician, Tianjin Orthopedic Hospital, China

- *How Generative AI Will Impact the Open Education Movement*

Dr. David Wiley, Chief Academic Officer, Lumen Learning (Video)

Moderator: Prof. WANG Zhichun, Vice Dean, School of Artificial Intelligence, Beijing Normal University, China

Forum on Digital Education and Lifelong Learning

Introduction: In the context of the digital transformation of education and the development of a learning society, it is essential to rethink teaching models and learning methods to promote personalized and lifelong learning. Innovating education through digital technology necessitates a foundation in digital pedagogy, emphasizing technology empowerment and learner-centered approaches within a reliable digital environment. This forum will explore the following topics:

- The evolving role of new technologies in smart learning environments
- The innovative application of digital resources, learning patterns and pedagogies in the digital era
- Digital resources for experimental teaching
- The Construction of a lifelong learning society

Hosts: National Engineering Research Center of Cyberlearning and Intelligent Technology, China

UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Commonwealth of Learning (COL)

Virtual Simulation Experiment Teaching Innovation Alliance, China

Partner: NetDragon Websoft Inc., China

Date: **Tuesday, 20 August 2024, 14:00-17:00**

Venue: Lecture Hall 1

Opening Remarks: 14:00 - 14:10

Speakers:

- Dr. Francesc Pedró, Director, UNESCO International Institute for Higher Education in Latin America and the Caribbean (UNESCO IESALC)
- Ms. Isabell Kempf, Director, UNESCO Institute for Lifelong Learning (UIL)

Moderator: Ms. Svetlana Kniazeva, Chief of Unit of Digital Pedagogy and Learning Materials, UNESCO Institute for Information Technologies in Education (UNESCO IITE)



Keynote Speeches: 14:10 - 15:40

Speakers:

- *Digital Education and Lifelong Learning-Inclusive, Scalable and Sustainable Pathways*

Ms. Torunn Gjelsvik, Secretary General, International Council for Open and Distance Education (ICDE)

- *Digital Empowerment of Open Education, Advancing High-Quality Lifelong Learning Development*

Mr. LI Song, Vice President, The Open University of China

- *Digital Education and Lifelong Learning in the South Pacific Context*

Dr. Rajni Chand, Director, Centre for Flexible Learning and PACFOLD, The University of the South Pacific, Fiji

- Mr. Maxim Jean-Louis, CEO, Contact North
- Prof. Maria Cecília Calani Baranauskas, State University of Campinas, Brazil

Moderator: Ms. Svetlana Kniazeva, Chief of Unit of Digital Pedagogy and Learning Materials, UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Cases Report: 15:40 - 17:00

Speakers:

- *Digital Education and Lifelong Learning*

Prof. Elijah I. Omwenga, Representative of the Cabinet Secretary, Ministry of Education, Kenya; Vice Chancellor, Open University of Kenya

- Prof. Arshad Saleem Bhatti, Rector, Virtual University of Pakistan

- *Major Challenges to Promote Smart Education and Life Long Learning for Teacher Training in Papua New Guinea and the South West Pacific Island Nations*

Dr. Teng Waninga, Vice Chancellor, University of Goroka, Independent State of Papua New Guinea

- *Endless Learning, Empowered by Numerical Intelligence*

Mr. LIU Guangquan, Party Committee Secretary, Jinan Information Engineering School, China

- *Teaching in the Digital Age: Will AI Teachers Replace Human Educators?*

Prof. Oksana Strutynska, Université Côte d'Azur, France



Cases Report: 15:40 - 17:00

Speakers:

- *Are You Learning with LLM-based Agents?*

Dr. FANG Ke, AgentLand Laboratory Manager, Tsinghua Shenzhen International Graduate School, China

- *Digital Intelligence Explore the New Ecology of Regional Science Education*

Ms. TAN Ting, Information Technology Department, Hanyang District Teaching Research and Training Center, Wuhan, China

Moderator: Mr. WANG Hongyu, Executive Secretary General, Virtual Simulation Experiment Teaching Innovation Alliance, China

Forum on Innovation, Research and Best Practices in Smart Education

Introduction: In the digital era, the new form of education, smart education, is an inevitable choice for advancing equitable, inclusive, and high-quality education. Deepening the digitalization of education and innovating in smart education hinges on cultivating a digital mindset within the educational system, solidifying the capabilities that support digitalization, developing high-quality digital learning content, and constructing a public service system for digital learning accessible to all. Directors, principals, and teachers are the main agents of the “practical approach” to smart education, supporting and leading the innovative practices of smart education. This forum will explore the following topics:

- New forms of smart education empowered by technology, sustainable development, and open cooperation.
- Digital leadership and innovative school development.
- The collaborative education by families, schools, and society.
- New models of deep integration between intelligent technology and teaching and education.
- Smart teaching and collaborative teaching research.

Hosts: National Engineering Research Center of Cyberlearning and Intelligent Technology, China

UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Educational Informatization Strategy Research Base (Beijing, Central China,

Northwest), Ministry of Education, P.R.China

Date: Tuesday, 20 August, 2024, 14:00-17:00

Venue: Lecture Hall 2

Opening Remarks: 14:00 - 14:20

Speakers:

- Mr. Svein Oesttveit, A.I. Director, UNESCO IBE
- H.E. Dr. Randa Ahmad Hafez Shaheen, First Undersecretary, Ministry of Education, The Arab Republic of Egypt

Moderator: Prof. LI Yushun, Faculty of Education, Beijing Normal University, China



Policy Dialogue: 14:20 - 15:10

Speakers:

- *Innovation, Research and Best Practices in Smart Education*

Mr. Chia Hai Siang, Lead Specialist, Educational Technology Division, Ministry of Education, Singapore

- *The National Direction of Educational Reform and Development in the Digital Age and the Practical Exploration in Changsha*

Ms. MIAO Yaqin, Former Deputy Director, Bureau of Education of Changsha Municipality, Hunan Province, China

- Dr. Chin Sam Ath, Deputy Director, Policy Department, Ministry of Education, Youth and Sport, The Kingdom of Cambodia

Moderator: Prof. LI Yushun, Faculty of Education, Beijing Normal University, China

Outcome Release: 15:10 - 15:20

Smart Education: Policy, Technology, Practice (Video)

Cases Report: 15:20 - 17:00

Speakers:

- *“Experience” and “Data” as Dual Drivers to Support the “Three-Phase Growth” of Teacher Development*

Ms. WANG Ping, Principal, Guanggu No.1 Primary School, Wuhan City, Hubei Province, China

- *Establishing True Wisdom and Shaping the Future: Practices and Exploration of Student Comprehensive Evaluation Systems in the Digital Intelligence Era*

Ms. LI Xiaotao, Principal, Longhua Central Primary School, Longhua District, Shenzhen City, China

- *Digital Evaluation Empowering a Vibrant “Children’s City”*

Ms. ZHU Yajun, Principal, Tianfu New District No.7 Primary School, Chengdu City, Sichuan Province, China



Invited Speeches: 15:20 - 17:00

- *“Young Masters, Big Platforms” — Creating a 26°C “Digital Education” New Quality Teaching Ecosystem*

Ms. QIAN Dan, Principal, Tangjiawan Middle and Primary School, Xiling District, Yichang City, Hubei Province, China

- *Aligning Learning Systems for Innovation*

Ms. Jeanette Westfall, Author and Consultant, Ishmael Consulting; Former Assistant Superintendent, Instructional Design at Liberty Public Schools

- *School Cases of Educational Digital Transformation: Exploration and Practice at Xingyuan Primary School in Chongqing Liangjiang New Area*

Ms. ZOU Xianlian, Principal, Xingyuan Primary School, Liangjiang New District, Chongqing City, China

- Dr. Kaushal Kumar Bhagat, Assistant Professor, Advanced Technology Development Centre, Indian Institute of Technology Kharagpur

- *Empowering Daily Teaching with Digital Tools and Driving Educational Innovation with Data*

Mr. CAO Jianxin, Principal, Mingda High School, Changsha City, Hunan Province, China

- *Case Study on the Development of ‘Guided Learning Smart Class’ for High School Biology*

Ms. ZHANG Feiyan, Teacher, Ethnic High School, Guizhou Ziyun Autonomous County, China

Moderator: Ms. SHEN Yang, Assistant Researcher, Collaborative Innovation Centre of Assessment for Basic Education Quality, China

Closing Ceremony

Date: Tuesday, 20 August, 2024, 17:00-18:30

Venue: Sports Hall

Opening Remarks: 17:00 - 17:15

Speakers:

- Secretariat of National Commission of the People's Republic of China for UNESCO
- H.E. Mr. Susil Premajayanth, Minister of Education, The Democratic Socialist Republic of Sri Lanka
- Prof. ZHOU Zuoyu, Vice President, Beijing Normal University, China

Moderator: Prof. ZHAN Tao, Director, UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Keynote Speeches: 17:15 - 17:35

Speakers:

- Prof. ZHENG Qinghua, Academician of Chinese Academy of Engineering; President, Tongji University, China

Moderator: Prof. ZHAN Tao, Director, UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Report on the Outcomes of Closed-door Meeting: 17:35 - 17:50

Speakers:

- H.E. Mr. Justin Valentin, Minister of Education, Republic of Seychelles
- H.E. Ms. KILO Vivian ASHERI, Secretary of State, Ministry of Basic Education, The Republic of Cameroon
- Prof. Asha Singh Kanwar, Chair of Governing Board of UNESCO Institute for Information Technologies in Education (UNESCO IITE); Former President, Commonwealth of Learning (COL); Chair Professor, Smart Learning Institute of Beijing Normal University, China



Report on the Outcomes of Closed-door Meeting: 17:35 - 17:50

Moderator: Prof. ZHAN Tao, Director, UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Awards Ceremony: 17:50 - 17:55

Awards Ceremony: Global Smart Education Innovation Prize

Acknowledgments: 17:55 - 18:00

Acknowledgments to GSE Partners and Hosts

Concluding Remarks: 18:00 - 18:30

Speakers:

- Prof. ZHAN Tao, Director, UNESCO Institute for Information Technologies in Education (UNESCO IITE)
- Ms. Nikole Canatella Blanchard, Board of Directors, International Society for Technology in Education (ISTE)
- Ms. Torunn Gjelsvik, Secretary General, International Council for Open and Distance Education (ICDE)
- Prof. HUANG Ronghuai, Co-dean, Smart Learning Institute of Beijing Normal University, China

Moderator: Prof. WU Yujun, Director, Office of International Exchange and Cooperation, Beijing Normal University, China

Closed-door Meeting

—UNESCO IITE Governing Board Meeting:

Introduction: The Board of the UNESCO Institute for Information Technology in Education (UNESCO IITE) organizes a regular annual meeting to which all IITE Board members are invited. As decided by the Board and approved by the ADG/ED, the 24th Board Meeting will be held on August 21, 2024 in Beijing, China. The main purpose of the meeting was to review the implementation of the Institute's projects and the 2024-2025 budget, and to provide direction for the further implementation of the projects. In addition, the meeting will adopt an annual activity report and review the progress of the Institute's work to achieve the Institute's objectives.

—GSENet Partners' Meeting:

Introduction: Global connection, wisdom sharing. The Global Smart Education Network (GSENet) was established by Beijing Normal University in 2022 in partnership with the Commonwealth Learning Community (COL), the Southeast Asian Ministers of Education Organization (SEAMEO), and the UNESCO Institute for Information Technology in Education (UNESCO, IITE), the International Association for Technology in Education (ISTE) and the League of Arab States Educational, Cultural and Scientific Organization (ALECSO) jointly launched the initiative to bring together leading partners around the world to make smart education accessible to all. The Alliance has carried out joint research on smart education, provided policy suggestions, carried out capacity building, shared educational resources, promoted the dissemination of smart education concepts and practical development, improved the quality of education, and promoted educational reform. In 2024, the alliance plans to invite more global partners to join. In order to strengthen communication and collaboration among members, the Alliance will hold a GSENet partner meeting during the 2024 Global Smart Education Conference to discuss and formulate the development direction and annual work of the Alliance, laying the foundation for further promoting smart education and enhancing the international influence of the Alliance.

Organized by: Beijing Normal University

Commonwealth of Learning (COL)

South East Asian Ministers of Education Organization (SEAMEO)

UNESCO Institute for Information Technologies in Education (UNESCO IITE)

International Society for Technology in Education (ISTE)

Arab League Educational, Cultural and Scientific Organization (ALECSO)

Thematic activities

—Round Table on Women’s Leadership in the Age of AI:

Introduction: Rapid advances in technology are reshaping the way the world educates and works. In the age of artificial intelligence, women hold a pivotal position. However, the gender digital divide still exists and should not be ignored. Currently, only 30 percent of women work in AI, and they hold just 5 percent of leadership positions in the field. Generative AI often reflects gender biases that exist in patriarchal societies. To address this, we need more women leaders to share their perspectives to ensure that AI policies, development, and deployment are inclusive, fostering positive energy while promoting gender equality.

Organized by: Secretariat of National Commission of the People’s Republic of China for UNESCO
UNESCO Institute for Information Technologies in Education (UNESCO IITE)
Beijing Normal University

—Round Table on China-Africa-SIDS Cooperation in Smart Education:

Introduction: China has a long history of friendly cooperation with African countries and small island developing States in socio-economic development. As part of the Belt and Road Initiative, China is committed to promoting South-South cooperation, North-South cooperation, and developing global smart education. This special conference brings together policymakers, academics, researchers and relevant representatives from the private sector to work together and collaborate to identify how technologies can be harnessed for the future of education.

Organized by: Secretariat of National Commission of the People’s Republic of China for UNESCO
Beijing Normal University
UNESCO Institute for Information Technologies in Education (UNESCO IITE)
UNESCO International Research and Training Centre for Rural Education (UNESCO INRULED)

Thematic activities

——TVET Leadership and Management Programme (Workshop):

Introduction: Vocational education is an important component of the educational agenda in Southeast Asia and an important area of international educational cooperation and exchange between China and Southeast Asia. The development of vocational education is significant for promoting the skills of rural populations, decent employment, and poverty alleviation. In the digital era, pushing the digital transformation of vocational education is important for promoting equitable distribution of education resources, enhancing education equity and innovation, and nurturing talents while supporting rural revitalization. This workshop will bring together policymakers, experts, vocational education school principals, and representatives of international organizations from Southeast Asian countries to discuss how digital technologies can empower vocational education development, the skill transformation of rural populations in the digital era, and how vocational education innovation can promote sustainable rural development. The aim is to enhance the understanding and consensus of Chinese and Southeast Asian country representatives on the digital transformation of vocational education, promote cooperation and exchanges in vocational education between China and Southeast Asian countries, and enhance the willingness and capacity of vocational education digital transformation to support sustainable rural development, forming a united force for educational support of sustainable rural development.

Organized by: UNESCO International Research and Training Centre for Rural Education (UNESCO INRULED)

UNESCO Chair on Artificial Intelligence in Education

Co-organized by: Southeast Asian Ministry of Education Organization Regional Center for Technical Education Development (SEAMEO TED)

China Education Association for International Exchange (CEAIE)

UNESCO Regional Office for East Asia (UNESCO Beijing)

Smart Learning Institute, Beijing Normal University

Supported by: China Institute of Education and Social Development, Beijing Normal University

Faculty of Education, Beijing Normal University

Hosted by: Federation of Returned Overseas Chinese, Lin'an District, Hangzhou, Zhejiang Province

Education Bureau, Lin'an District, Hangzhou, Zhejiang Province

Partner: Zhejiang Agriculture and Forestry University

Thematic activities

——Final Review of the 7th Global Competition on Design for Future Education (K-12 Track):

Introduction: In order to better respond to future uncertainties and challenges and explore innovative solutions for universal high-quality education, Beijing Normal University launched the "Global Future Education Design Competition" in 2018. Up to now, the competition has successfully held six editions and has received widespread attention and enthusiastic response worldwide. The theme of the seventh edition of the Global Future Education Design Competition (2024) is "Generative Artificial Intelligence and Education," "Metaverse and Education," "Rural Education," "Inclusive Education," and "Education Neuroscience," co-hosted by Beijing Normal University and the UNESCO Institute for Educational Technologies. The competition is open to teachers and education professionals worldwide, including primary and secondary schools and kindergartens. A total of over 1,000 primary and secondary school teachers from around the world have registered for the competition's "Outstanding Teaching Case Design" collection activity. Expert judges from the field of education design will assess the entries based on factors such as problem awareness, innovative spirit, integration of science and technology, prospects for application, and expression, ultimately selecting 20 outstanding teaching cases for advancement to the final review stage. The final review session of the seventh edition of the Global Future Education Design Competition (2024) for primary and secondary education will be held offline at Beijing Normal University (Changping Campus) on August 20th.

Organized by: Beijing Normal University

UNESCO Institute for Information Technologies in Education (UNESCO IITE)

Thematic activities

——Work Conference for the Construction and Application of Intelligent Learning Environment in Alliance Schools (Districts):

Introduction: The rapid development of new-generation information technologies, such as artificial intelligence and big data, has endowed intelligent learning environments with new meanings and unprecedented opportunities and challenges for educational reform. Intelligent learning environments have become a crucial foundation for promoting the digital transformation of education, empowering education through technology, and fostering changes in teaching and learning.

To advance the innovative application of intelligent education under the guidance of China's new-generation artificial intelligence development plan, and to support the national strategies of "Digital China" and building a strong education system, the Ministry of Education and the Ministry of Science and Technology have recently collaborated. Under the national key project for new-generation artificial intelligence, they have launched the "Research and Application Demonstration on Computing Technologies of Intelligent and Connected Learning Environment" project. This initiative aims to explore innovative solutions that integrate science, technology and education to overcome educational challenges.

Hosted by: National Engineering Research Center of Cyberlearning and Intelligent Technology

"Research and Application Demonstration on Computing Technologies of Intelligent and Connected Learning Environment" Project Team for the Major Artificial Intelligence Initiative

Partner: Harmony Ecosystem Services

——Regional Leadership Roundtable on the Development of the Educational Technology Industry

Introduction: Driven by the new wave of technological advancements, the educational technology industry is flourishing and gradually becoming a key force supporting the national education digitalization strategy. It plays a significant role in advancing the integrated reform of education, technology, and talent, and contributes to the development of a strong education nation. The China Educational Technology Association is focusing on research in the educational technology industry, aiming to provide a comprehensive analysis of the macro environment, current development, challenges, and key trends from an international, forward-looking, and systematic perspective, ultimately producing an authoritative report. As the demand side of the educational technology industry, regional education authorities hold a crucial position and play a pivotal role in the development and application of educational technology products. Therefore, regional education leaders are invited to participate in the "Regional Leadership Roundtable on the Development of the Educational Technology Industry".

Organized by: Academic Committee of the China Association for Educational Technology

Student Forum on Smart Learning and Design for Future Education

Introduction: As a new form of education in the digital era, smart education is an inevitable choice for achieving the 2030 Sustainable Development Goal for education (SDG4) – "Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all." This encompasses three core dimensions: smart learning environments, technology-enhanced learning and teaching, and evidence-based governance. This forum will invite outstanding college student representatives from around the world to share and discuss how to design ubiquitous smart learning spaces, create high-quality educational resources, develop human-computer collaborative learning activities, and formulate teaching models with multi-stakeholder participation. This forum will explore the following topics:

- How to design and implement ubiquitous smart learning spaces.
- How to design and distribute high-quality educational resources.
- How to design innovative human-computer collaborative learning activities.
- How to design and implement teaching models with multi-stakeholder participation.

Hosts: UNESCO Institute for Information Technologies in Education (UNESCO IITE)
Student Union of Beijing Normal University
Graduate Student Union of Beijing Normal University
All-African Students Union (AASU)
Beijing Design Society
Smart Learning Institute of Beijing Normal University

Date: **Tuesday, 20 August, 2024, 14:00-16:30**

Venue: Lecture Hall 1



Opening Remarks: 14:00 - 14:20

Speakers:

- Mr. SONG Weizu, Founder of Beijing Design Society, China
- Ms. Natalia Amelina, Senior National Project Officer in Education, Chief of Unit, Unit of Teacher Professional Development and Networking, UNESCO IITE
- Ms. AN Lili, Deputy Secretary of Youth League Branch Committee, Beijing Normal University, China
- Mr. Divine Edem Kwadzodeh, Secretary general of All-African Students Union (AASU)

Moderator: Mr. Michael Agyemang Adarkwah (Ghana), Research Associate, Friedrich Schiller University Jena, Germany

Topic 1. How to Design and Implement Ubiquitous Smart Learning Spaces: 14:20 - 14:50

Speakers:

- Mr. Frederick Oduro (Ghana), Ph.D. Student, Beijing Normal University, China
- Ms. SHEN Peiqing (China), Postgraduate Student, Tokyo Gakugei University, Japan
- Mr. William Edusei-Mensah (Ghana), Ph.D. Student, Beijing Normal University

Moderator: Mr. Usama Kalim (Pakistan), Postdoctoral fellow, Beijing Normal University, China

Topic 2. How to Design and Distribute High-quality Educational Resources: 14:50 - 15:20

Speakers:

- Mr. Zia Islam (Bangladesh), Ph.D. Student, Asian Institute of Technology
- Ms. Sofija Matović (Serbia), Ph.D. Student, University of Belgrade, Serbia
- Ms. Lee Gi Young (South Korea), Postgraduate Student, Sungkyunkwan University, South Korea
- Mr. Enoch Sarfo Gyimah (Ghana), Postgraduate Student, Valley View University, Ghana

Topic 2. How to Design and Distribute High-quality Educational Resources: 14:50 - 15:20

Moderator: Mr. Michael Agyemang Adarkwah (Ghana), Research Associate, Friedrich Schiller University Jena, Germany

Topic 3. How to Design Innovative Human-computer Collaborative Learning Activities: 15:20 - 15:50

Speakers:

- Ms. Samaneh Lahuti (Iran), Postgraduate Student, Beijing Normal University, China
- Ms. Martina Kolar (Croatia), Undergraduate Student, Zagreb University of Applied Sciences, Croatia
- Mr. SUN Chendong (China), Postgraduate Student, China Academy of Art, China
- Mr. Yoosuf Sayyid Bin Ahmed Shafeeg (Maldives), Postgraduate Student, Asia Pacific University Malaysia, Malaysia (online)

Moderator: Mr. BAO Haogang, Assistant Researcher, China National Academy of Educational Sciences (CNAES), China

Topic 4. How to design and implement teaching models with multi-stakeholder participation: 15:50 - 16:20

Speakers:

- Mr. Rai, Mahesh Chandra (Nepal), Ph.D. Student, Beijing Normal University, China
- Ms. LIU Yuhan (China), Postgraduate Student, Xi'an Jiaotong-Liverpool University, China
- Ms. Moldashev Zhandarbek (Kazakhstan), Ph.D. Student, Beijing Institute of Technology, China

Moderator: Ms. WANG Huanhuan, Assistant Researcher at Beijing Normal University, China

Summary: 16:20 - 16:30

- Ms. WANG Huanhuan, Assistant Researcher at Beijing Normal University, China

Student Forum on Youth Intelligence Inspiring Future Education Innovation

Introduction: Artificial Intelligence (AI) is profoundly transforming the way people work, live, and learn, ushering in an intelligent era characterized by human-machine collaboration, interdisciplinary integration, and co-creation and sharing. Smart education has become a vital force in promoting the modernization of education. As one of the key subsystems of society, education is undergoing significant changes. In the intelligent era, the co-creation and sharing of knowledge between people and between humans and machines will become increasingly common, and learning will become more proactive and meaningful in an intelligently connected environment. This forum will explore the following topics:

- The application of AI in education.
- The application of smart physical education in schools.
- The digitalization of ideological and political courses in colleges and universities.
- Interdisciplinary thematic learning with AI.
- Others such as smart education, learning environments, digital transformation in education, family education, mental health education for adolescents, and teacher education.

Date: **Monday, August 19 2024, 14:00-17:00**

Venue: Lecture Theatre 2

Opening Remarks: 14:00 - 14:15

Speaker:

- Mr. Marc Prensky, Speaker, Author, Consultant, Proponent of the concepts “Digital Natives” and “Digital Immigrants”

Moderator: HONG Ziyi, Graduate Student, Jiangsu Normal University, China & ZHONG Ziquan, Undergraduate Student, South China Normal University, China



Paper Presentation: 14:15 - 15:20

Speakers:

- *Research on the Impact of Family Education Investment on Adolescent Mental Health*

CAO Zhaopeng, Doctoral Candidate in Educational Psychology, University of Malaya

- *Construction and Practice of Smart Education Teaching Models in Primary and Secondary Schools in Guangzhou Province*

CHEN Zhiming, Doctoral Candidate in School Curriculum and Instruction, Beijing Normal University, China

- *Research on Primary School Chinese Writing Instruction Based on AIGC: A Case Study of 'That Moment, I ...'*

WANG Wei, Doctoral Candidate in Educational Technology, Zhejiang Normal University, China

- *A Study on the Relationships between In-Service Training and Teacher Teaching Competences in Rwanda: The Moderating Roles of School Contextual Factors*

Irene Musengamana (YIN Cheng), Master's Degree Candidate in Education Economics and Management, Southwest University, China

- *Ethical Considerations and Practical Approaches for Using Generative AI in Teaching: A Literature-Based Content Analysis*

LI Kexin & XIE Yuwen, Master's Degree Candidates in Education, City University of Macau, China

- *Challenges and Transformations of General Education in Universities in the Era of Artificial Intelligence*

- ZHANG Manli, Master's Degree Candidate in Principles of Education, Yunnan University, China

Moderator: HONG Ziyi, Graduate Student, Jiangsu Normal University, China

Question and Answer: 15:20 - 15:40

- WU Qing, Undergraduate Student majoring in Educational Technology, Jiangsu Normal University, China
- YANG Xuxuan, Undergraduate Student majoring in Educational Technology, Zhejiang Normal University, China



Question and Answer: 15:20 - 15:40

Moderator: ZHONG Ziquan, Undergraduate Student, South China Normal University, China

Paper Presentation: 15:40 - 16:50

Speakers:

- *Implementation and Application of AIGC Academic Detection*

QIN Qiuyu, Master's Degree Candidate in Educational Administration, Shenyang Normal University, China

- *Research on the Teacher-Student Interaction Structure in Smart Chemistry Classes for High School*

CAO Jingwen, Master's Degree Candidate in Educational Technology, Soochow University

- *Research on Constructing an Integrated Online Training Model Focused on 'Teaching, Research, and Reflection' from the Perspective of Digital Transformation*

WANG Ziqi, Master's Degree Candidate in Educational Technology, Inner Mongolia Normal University, China

- *Review of Literature on Cultivating Computational Thinking in High School Information Technology Courses*

WEI Hong, Master's Degree Candidate in Educational Technology, Yunnan Normal University, China

- *Reform and Exploration of Cultivating Innovative Abilities in Professional Graduate Programs Based on the PBLIE Model: A Case Study of Preschool Education Professional Degree Students*

JI Xiaomei, Master's Degree Candidate in Preschool Education, Jiangxi Science and Technology Normal University, China

Moderator: HONG Ziyi, Graduate Student, Jiangsu Normal University, China

Question and Answer: 16:50 - 17:00

- DONG Mengrui, Undergraduate Student majoring in Linguistics, Dalian University of Foreign Languages, China

Moderator: ZHONG Ziquan, Undergraduate Student, South China Normal University, 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, 2024 Early buses run from 7:15-7:45 AM; Late buses run from 18:30 to 19:30 PM

Route: 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 simultaneous interpretation headset, please put it in its original place.

WIFI:

Conference WIFI: GSE2024 Code: 20240818

Dining:

Please follow the meal voucher prompts for dining.

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

Guest Speakers: Western Restaurant, G Floor, Vision Plaza Shahe

Parking:

Parking Area: Underground Parking Lots A&B

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

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 Eternity 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 Center 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 Institute for Higher Education in Latin America and the Caribbean (IESALC)

IESALC, established as a category I institution under UNESCO in 1997 in Caracas, Venezuela, is dedicated to assisting countries in tackling the challenges associated with the internationalization of higher education.



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.



UNESCO Chair on Artificial Intelligence in Education

The UNESCO Chair is aimed at fostering collaboration and exchange among high-level scholars, experts, and educators from universities and educational institutions in China, as well as in other regions of the world such as Asia, Africa, and Latin America. It strives to advance innovation in artificial intelligence technology and explore effective, ethical applications of AI in education, with a focus on nurturing relevant talent in these areas.



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.



NetDragon Websoft Inc.

Founded in 1999, Netdragon is a leader in China's online game and mobile Internet application industries, as well as a leading force in China's online education and enterprise informatization industries.



The Education University of Hong Kong

The Education University of Hong Kong is the largest higher education institution for teachers in Hong Kong. It is publicly funded and has a number of international partner universities and institutions.



The Hong Kong Polytechnic University

The Hong Kong Polytechnic University (POLYU) is committed to becoming an innovative, world-class university with a commitment to community responsibility



The Administrative Center for China's Agenda 21

The Administrative Center for China's Agenda 21 was established on March 25, 1994 with the approval of the Office of the Central Commission for Public Sector Reform. It is a Class A public institution directly under the National Natural Science Foundation of China.



China Industry-University-Research Institute Collaboration Association

CIUR is approved by The State Council, by the National Development and Reform Commission, the Ministry of Education, the Ministry of Industry and Information Technology and a number of universities, research institutes, central enterprises, private enterprises and other government departments jointly established a national social organization, belonging to the resource integration of high-level collaborative innovation service platform, headquartered in Haidian District, Beijing, founded in November 2007.



Higher Education Press

The Administrative Center for China's Agenda 21 was established on March 25, 1994 with the approval of the Office of the Central Commission for Public Sector Reform. It is a Class A public institution directly under the National Natural Science Foundation of China.



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.



New Reading Magazine

The national periodical, which is supervised by the National Press and Publication Administration and sponsored by the Chinese Academy of Press and Publication, takes "promoting the reading of all people and building a bookish China" as its purpose, and is committed to becoming the first brand periodical read by all people in China.



The Virtual Simulation Experiment Teaching Innovation Alliance (VSE)

The Virtual Simulation Experiment Teaching Innovation Alliance aims to serve the construction and shared application of national first-class virtual simulation experiment teaching courses, and promote the integration and development of school teaching, industry application and technological innovation.



Bureau of Education of Shenzhen Municipality

The higher education in Shenzhen has run out of the "Shenzhen speed", and the number of colleges and universities in the city has reached 17; High-end development of vocational education, the Ministry supports Shenzhen to build a national vocational education development innovation highland; To expand and improve the quality of basic education, China took the lead in implementing one physical education class per day in compulsory education schools.



Bureau of Education of Changsha Municipality

Changsha takes smart education as the starting point, comprehensively promotes the digital transformation of education, and promotes the innovation and integration of the whole chain of education through new technologies such as artificial intelligence, big data and cloud computing. Empowered by information technology, it has built a new education system featuring all-round development of morality, intelligence, body, and labor, such as smart moral education, smart classroom, smart sports, smart aesthetic education, and smart practice, driving all-round reform in education, teaching, governance, and service.



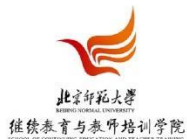
Bureau of Education of Chongqing Liangjiang New Area

Bureau of Education of Chongqing Liangjiang New Area regards the development of high-quality middle school education as a breakthrough for the high-quality development of Liangjiang education, proposes the goal of "allowing Liangjiang children to complete the whole stage of high-quality education from kindergarten, primary school, junior high school and senior high school in Liangjiang", adheres to the two legs of external education and internal training at the same time, and comprehensively layout high-quality middle schools.



Bureau of Education of Xiaoshan District, Hangzhou

Xiaoshan District anchors the overall goal of "still learning Xiaoshan brand and running people's satisfaction education", focuses on the expectation of the masses that "every door has a good school", strengthens confidence, faces up to difficulties, and orderly promotes education and has made new progress and new achievements.



School of Continuing Education and Teacher Training, Beijing Normal University

It is the unified management organization and school-running entity of Beijing Normal University for adult higher education, network education, teacher education and training, and other forms of continuing education, aiming to realize the sharing of school-running resources and further improve school-running benefits.



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

The Institute focuses on solving the basic supporting problems of the education big data industry and exploring the universal solutions of education big data, which is conducive to proposing innovative models for solving education problems, promoting regional education reform and development, revealing deep-seated education and teaching laws, forming a new industrial ecology, and providing a basis for education governance policies.



Advanced Innovation Center for Future Education, Beijing Normal University

As one of the first sophisticated centers supported by the Beijing Municipal Government, it is a high-level international innovation platform with major educational practice issues as the orientation and educational science and technology innovation as the core direction, providing education public service intelligent platform and education expert think tank services for the whole country, promoting the intelligent transformation of education and helping China's education modernization.



International Writing Center, Beijing Normal University

Founded in 2012, it was unveiled in Beijing on May 13, 2013. Mo Yan, winner of the Nobel Prize in Literature, is the director of the center, Tie Ning, president of the Chinese Writers Association, is the chairman, and Tong Qingbing, Mo Yan's mentor and senior professor of the School of Literature at Beijing Normal University, is the director of the academic committee.



Center of Information & Network Technology, Beijing Normal University

The Information Network Center is a functional organization responsible for the planning, implementation, management and service of school information construction under the leadership of the university Party committee and administration.



School of Educational Technology, Northwest Normal University

The School of Educational Technology of Northwest Normal University, formerly known as the Department of Audio-Visual Education of Northwest Normal University, was established in 2012.



Institute of Artificial Intelligence Education, South China Normal University

Institute of Artificial Intelligence Education, South China Normal University The Institute is a professional school of Educational artificial Intelligence of South China Normal University, dedicated to the theoretical research and applied practice of educational artificial intelligence.

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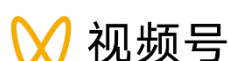


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Director of Office of International Exchange and Cooperation of Beijing Normal University, China



- **Dr. ZENG Haijun**

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



- **Prof. ZHENG Qinhu**

Executive Deputy Director of National Engineering Research Center of Cyberlearning and Intelligent Technolog, China

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GSE Theme Song

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1 = C $\frac{4}{4}$
♩ = 70

李维福 词
刘 强 曲

0 3 4 | 5. 5 6 5 3 3 2 | 3 - - 0 1 1 | $\dot{1}$ $\dot{1}$ $\dot{1}$ $\dot{2}$ $\dot{1}$ 7 $\dot{1}$ 7 | 7 5 5 - - |
你 是 我 心 中 的 一 束 光 穿 越 时 空 带 我 展 翅 翱 翔

$\dot{1}$ $\dot{1}$ 7 5. 6 | 5. 6 3 3 2 3 | 4 4 4 3 4 4 3 3 3 | 3 2 2 - 2 3 4 |
神 秘 磁 场 辐 射 能 量 每 次 发 现 都 有 新 的 希 望 你 使

||: 5 - 6 5 3 2. | 3 - - 0 1 1 | $\dot{1}$ $\dot{1}$ $\dot{2}$ $\dot{1}$ - 7 $\dot{1}$ 7 | 7 5 5 - - | $\dot{1}$. $\dot{1}$ $\dot{1}$ $\dot{1}$ 7 - |
我 燃 起 一 团 火 立 志 破 茧 成 蝶 不 负 所 望 大 千 世 界

7. 5 5 7 $\dot{1}$ $\dot{1}$ 2 3 | 4 4 4 3 4 4 3 3 2 | 2 1 1 - 1 2 3 | 4. 4 5. 5 5 2 |
万 卷 诗 章 科 技 进 步 颠 覆 我 的 想 象 你 给 我 智 慧 的 眼

3 - - 3 2 3 | 4. 4 4 4 4 5. 5 5 6 | 6 5 5 - 5 2 3 | 4. 4 4 5. 5 5 |
光 科 学 联 想 引 爆 爱 的 力 量 学 术 研 究 数 字

5. 6 6 6 2 3 | 4 4 4 4 4 4 4 6 | 5 - - 5 5 5 | 3 $\dot{2}$ $\dot{1}$ $\dot{2}$ $\dot{2}$ $\dot{2}$ 6 7 |
海 洋 变 幻 思 维 世 界 大 不 一 样 教 育 是 一 束 光 混 沌

$\dot{1}$ $\dot{1}$ $\dot{1}$ $\dot{1}$ $\dot{2}$ 6 5 5 5 5 | 6 6. $\dot{1}$ 5 5 5 5 | 6 6 6 6 $\dot{1}$ $\dot{2}$ $\dot{2}$ $\dot{2}$ 5 5 |
宇 宙 打 开 了 天 窗 教 育 是 力 量 融 化 天 下 人 间 的 冰 霜 教 育

3 $\dot{2}$ $\dot{1}$ $\dot{2}$ $\dot{2}$ $\dot{2}$ 6 7 | $\dot{1}$ $\dot{1}$ $\dot{1}$ $\dot{1}$ $\dot{2}$ 6 5 5 5 5 | 6 6. $\dot{1}$ 5. 5 5 | $\overset{1.}{6}$ 6 6 6 7 - |
是 一 束 光 指 尖 筑 梦 远 方 的 远 方 教 育 是 力 量 为 远 航 的 人

7 - 0 $\dot{2}$ 3. | $\dot{2}$ $\dot{1}$ $\dot{1}$ - $\dot{1}$ 3 4 :|| 6 6 6 6 7 - | 7 - 0 0 5 5 |
指 明 方 向 你 使 航 的 人 教 育

3 $\dot{2}$ $\dot{1}$ $\dot{2}$ $\dot{2}$ $\dot{2}$ 6 7 | $\dot{1}$ $\dot{1}$ $\dot{1}$ $\dot{1}$ $\dot{2}$ 6 5 5 5 5 | 6 6. $\dot{1}$ 5 5 5 5 |
是 一 束 光 混 沌 宇 宙 打 开 了 天 窗 教 育 是 力 量 融 化

6 6 6 6 $\dot{1}$ $\dot{2}$ $\dot{2}$. $\dot{2}$ 5 5 | 3 $\dot{2}$ $\dot{1}$ $\dot{2}$ $\dot{2}$ $\dot{2}$ 6 7 | $\dot{1}$ $\dot{1}$ $\dot{1}$ $\dot{1}$ $\dot{2}$ 6 5 5 5 5 | 6 6. $\dot{1}$ 5. 5 5
天 下 人 间 的 冰 霜 教 育 是 一 束 光 指 尖 筑 梦 远 方 的 远 方 教 育 是 力 量 为 远

6 6 6 6 7 - | 7 - 0 $\dot{2}$ 3. | $\dot{2}$ $\dot{1}$ $\dot{1}$ - - ||
航 的 人 指 明 方 向

Be in awe of education, for it shapes the soul of human,
Be cautious to technologies, for its adoption has to be effective.
Be entangled with Smart, for the uncertainty tends to be increasing,
Be serious to academics, for the true research needs evidence.

---Ronghuai Huang March 20th, 2017





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