

International Forum on AI and Education

Ensuring AI as a Common Good for Education

7-8 December 2021

#AIED2021

## Provisional programme

(CET – Paris time)

The two days programme of the Forum will be structured under the following sub-themes:

1. **Global governance and national policies on AI in education** – Deepen the debate on digital humanism in the context of the futures of education, share experiences on how global governance of AI and national policies can be enhanced and synergized to ensure AI can be used for the common good of humanity and education, and launch UNESCO's report *AI and education: Guidance for policy-makers*.
2. **Ensuring AI as a common good for achieving SDG 4** - Promote proven best practices and effective use of trusted AI tools for education; explore the system-wide principles to guide the next-generation of AI innovations to serve teachers and to enable the futures of learning; present the results of the UNESCO surveys on governmental and non-governmental AI curricula for school education, share knowledge on defining AI literacies and frameworks on AI curriculum as well as on preparing teachers to work in AI-rich settings.
3. **Mining data to enhance education management and learning assessment** - Examines the emerging practices of mining data across platforms or multiple data sources to enhance education management and public service, assess lifelong learning outcomes, and diagnose the major problems of learning systems; assess the limitation in using data and AI to support learning assessment and ethical issues relating to the use of data and AI tools to predict human behaviours including data privacy and security, and algorithm biases.
4. **Directing AI innovations at inclusion, equity and gender equality in education** – Catalyze AI innovations to advance inclusion, equity and gender equality in education as well as sustainable development especially among youth;

promote gender equality to ensure that girls and women have equitable access to AI technologies and AI-enabled learning activities; facilitate debate on how to prevent gender discrimination in algorithms and AI tools; share experiences on empowering girls and women with digital skills and AI competencies, and increasing their self-efficacy and participation in AI areas.

5. **Promoting the use of AI in Africa: Build the partnership** – Focus on partnerships and well-resourced programmes to support the building of the multi-layer and multi-disciplinary basis needed by African countries and other marginalized groups to maximize the potential of AI innovations including building AI infrastructure, promoting open-source AI algorithms and AI tools, and developing AI competencies for key stakeholders.

Please visit the dedicated website of the Forum to review the details of the sessions and speakers, and sign into sessions of your interest: <https://aiedforum.org>

7 December, Day 1		Zoom Link
<p><b>* By clicking on “Signing in” below in the programme, participants will receive the meeting ID and passcode for a specific session. *</b></p> <p><b>*Interpretation provided in English, French and Chinese*</b></p>		
9:30 - 11:30	<p><b>Opening Session</b>  Moderator: H.E. Mr TIAN Xuejun, Vice Minister of Education, Chairperson of the National Commission for UNESCO, <i>China</i></p> <ul style="list-style-type: none"> <li>• H.E. Mr HUI Jinpeng, Minister of Education, <i>China</i></li> <li>• H.E. Mr Santiago Irazabal Mourão, President of the 41st session of the General Conference, UNESCO</li> <li>• Mr DONG Qi, President, Beijing Normal University, <i>China</i></li> <li>• Ms Stefania Giannini, Assistant Director-General for Education, UNESCO</li> </ul>	<a href="#">Sign in</a>
	<p><b>Session 1: High-level panel on global governance and national policies on AI in education</b>  Moderator: Mr Sobhi Tawil, Director of Future of Learning and Innovation, UNESCO</p>	
	<p><b>Keynote speech</b></p> <ul style="list-style-type: none"> <li>• H.E. Mr Branko Ružić, First Deputy Prime Minister and Minister of Education, Science and Technological Development, <i>Serbia</i></li> <li>• H.E. Mr ZHONG Denghua, Vice Minister of Education, <i>China</i></li> </ul>	
	<p><b>Launch of the publication AI and Education: Guidance for policy-makers</b></p> <ul style="list-style-type: none"> <li>• Mr Fengchun Miao, Chief, Unit for Technology and AI in education, Future of Learning and Innovation, UNESCO</li> <li>• Mr Wayne Holmes, Institute of Education, University College London, <i>United Kingdom</i></li> </ul>	
	<p><b>Reactions from key partners on the launches of the Guidance in different languages</b></p> <ul style="list-style-type: none"> <li>• Ms Maimouna Sissoko Touré, KIX Africa 21 Hub Coordinator, Institute of the Francophonie for Education and Technical and Vocational Education and Training (IFEFE), <i>Senegal</i> (1-minute video)</li> <li>• Ms Mahra Hilal Al Mutaiwei, Director, Regional Center for Educational Planning (RCEP), <i>United Arab Emirates</i> (1-minute video)</li> <li>• Mr Alexandre Barbosa, Head, Center of Studies for Information and Communications Technologies (CETIC.br), <i>Brazil</i> (1 minute)</li> </ul>	
	<p><b>High-level panel</b></p> <ul style="list-style-type: none"> <li>• H.E. Dr Hang Chuon Naron, Minister of Education, Youth and Sports, <i>Cambodia</i></li> <li>• H.E. Dr Susil Premajayantha, Minister for Education Reforms, Open Universities and Distance Learning Promotion State Ministry, <i>Sri Lanka</i></li> </ul>	

	<ul style="list-style-type: none"> <li>• H.E. Mr Nguyen Van Phuc, Deputy Minister of Education and Training, <i>Viet Nam</i></li> <li>• Ms Wajiha Akram, Parliamentary Secretary, Ministry of Education and Professional Training, <i>Pakistan</i></li> <li>• H.E. Dr Ahmed Daher, Deputy Minister of Information Technology, Ministry of Education and Technical Education, <i>Egypt</i></li> <li>• H.E. Mr João Costa, Deputy Minister of Education, <i>Portugal</i></li> <li>• Mr GONG Ke, President of the World Federation of Engineering Organizations, Executive Director of the Chinese Institute for the New Generation Artificial Intelligence Development Strategies, Chairman of the Academic Committee of Nankai University, <i>China</i></li> <li>• H.E. Dr Jong-chul Jung, Vice Minister of Education, <i>Republic of Korea (video)</i></li> <li>• H.E. Ms Simona Kustec Lipicer, Minister of Education, Science and Sport, <i>Slovenia (video)</i></li> <li>• Mr Suphat Champathong, Permanent Secretary, Ministry of Education, <i>Kingdom of Thailand (video)</i></li> </ul>	
11:30 - 12:00	<b>Break</b>	
12:00 - 14:00	<p><b>Session 2: Ensuring AI as a common good for achieving SDG 4</b>  <i>Moderator:</i> Mr Fengchun Miao, Chief, Unit for Technology and AI in education, Future of Learning and Innovation, UNESCO</p> <ul style="list-style-type: none"> <li>• Mr YANG Zongkai, Vice president of China Education Development Strategy Society, Deputy Director of Expert Group on ICT in Education of the Ministry of Education, <i>China</i></li> <li>• Mr Julio Albalad Gimeno, Director, National Institute of Education Technology and Teacher Development (INTEF), <i>Spain</i></li> <li>• Mr Jorge Armando Barriguete Meléndez, Secretary General, National Commission for UNESCO, <i>Mexico</i></li> <li>• Mr Alain Lamadrid Vallina, Director General of Information, Communication and Informatization, Ministry of Higher Education, <i>Cuba (video)</i></li> <li>• Mr LIU Pengzhao, Director of the Qingdao Municipal Education Bureau, <i>China</i></li> <li>• <b>Improved literacy in school: Reading assessment and reading development with eye tracking and artificial intelligence</b>  Ms Angelica Rådman, Managing Director, Lexplore, <i>Sweden</i></li> <li>• Ms Souma Alhaj Ali, Director of Excellence and Governance, Hamdan Bin Mohammed Smart University, <i>United Arab Emirates</i></li> <li>• Mr Benoit Praly, Founder and President of Domoscio, <i>France</i></li> <li>• <b>UNESCO report on the mapping of AI curricula</b>  Mr Miao Fengchun, Chief, Unit for Technology and AI in education, UNESCO</li> <li>• <b>AI curricula for school students in Qatar</b>  Ms Noha Alomari, Education Specialist, Department of Curriculum and Learning Resources, <i>Qatar</i></li> <li>• <b>AI curricula for school students in Portugal</b>  Mr Hélder Pais, Director for Curriculum Development, Directorate-General for Education, <i>Portugal</i></li> <li>• <b>Launch of the UNESCO-Kids Code Jeunesse Partnership on Data and Algorithm Literacy Initiative</b>  Ms Roda Muse, Secretary General, National Commission for UNESCO, <i>Canada</i>  Ms Kate Artur, Founder and CEO of Kids Code Jeunesse, <i>Canada</i></li> </ul>	<a href="#">Sign in</a>

8 December, Day 2

Zoom Link

\* *By signing in, participants will receive the meeting ID and passcode for a specific session. \**\**Interpretation provided in English, French and Chinese\**

9:00 - 10:30

**Session 3: High-level panel on mining data to enhance education management and learning assessment**

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	<p><i>Moderator:</i> Ms Natalia Amelina, Senior National Project Officer in Education, Chief of Unit of Teacher Professional Development and Networking, UNESCO IITE</p> <ul style="list-style-type: none"> <li>• <b>UNESCO Recommendation on the Ethics of AI</b> Ms Gabriela Ramos, Assistant Director-General for Social and Human Sciences, UNESCO (video)</li> <li>• H.E. Mr Rustam Karimjonov, Deputy Minister of the Public Education, <i>Uzbekistan</i></li> <li>• Dr Khalid Abdulla Al-Ali, Undersecretary Assistant for Higher Education Affairs, Ministry of Education and Higher Education, <i>Qatar</i></li> <li>• Mr Ir Nizam, Director-General for Higher Education, Ministry of Education, Culture, Research and Technology, <i>Indonesia</i></li> <li>• Mr ZHENG Qinghua, Vice-President, Xi'an Jiaotong University, <i>China</i></li> <li>• Mr Shahbaz Khan, Director of UNESCO Beijing Office, UNESCO</li> <li>• <b>VILLE – a collaborative learning platform, winner of the 2020 UNESCO King Hamad Bin Isa Al-Khalifa Prize for the Use of ICT in Education</b> Mr Mikko-Jussi Laakso, Director, Centre for Learning Analytics, University of Turku, <i>Finland</i></li> <li>• <b>Predictive learning analytics: An empowering tool at teachers' fingertips</b> Ms Christothea Herodotou, Associate Professor, Open University, <i>United Kingdom</i></li> <li>• Ms Toyosi Akerele-Ogunsiji, Social Entrepreneur in Data Science and Artificial Intelligence Education, <i>Nigeria</i></li> <li>• <b>Concluding remarks</b> Mr Tao Zhan, Director, International Institute for Technology in Education, UNESCO IITE</li> </ul>	
10:30 - 11:00	<b>Break</b>	
11:00 - 12:30	<p><b>Session 4: Promoting gender equality and empowering girls and women with AI competencies</b></p> <p><i>Moderator:</i> Ms Justine Sass, Chief, Section of Education for Inclusion and Gender Equality, UNESCO</p> <ul style="list-style-type: none"> <li>• <b>Developing Digital and AI Skills for African Kids</b> Ms Lindiwe Matlali, Commissioner for the Fourth Industrial revolution, Founder and CEO of Africa Teen Geeks, <i>South Africa</i></li> <li>• Ms Blerta Cela, Deputy Regional Director, Regional Office for Europe and Central Asia, UN Women Ms Nighina Azizov, Programme Analyst Ending Violence Against Women, Moldova Country Office, UN Women</li> <li>• Mr Steven Vosloo, Digital Policy Specialist, Office of Global Insight and Policy, UNICEF (video)</li> <li>• Ms Shahed Dergham, Teens in AI Ambassador, <i>Syria</i></li> <li>• Ms WANG Qiong, Professor, Faculty of Education, Peking University, <i>China</i></li> <li>• <b>Artificial intelligence design for autism: A custom education</b> Ms Corinne Schillizzi, NTT DATA, <i>Italy</i></li> <li>• Mr Simon Zhang, Chief Brand Officer, StorySign, Huawei, <i>China</i></li> </ul>	<a href="#">Sign in</a>
12:30 - 13:00	<b>Break</b>	
13:00 - 14:30	<p><b>Session 5: Promoting the use of AI in Africa: Build the partnership</b></p> <p><i>Moderator:</i> Mr Abdoulaye Ibrahim, Programme Specialist, Priority Africa Coordination Division, UNESCO</p> <p><b>Introductory remarks</b></p>	<a href="#">Sign in</a>

- Mr Firmin Edouard Matoko, Assistant Director-General for Priority Africa and External Relations, UNESCO
- H.E. Mr Albertus Aochamub, Ambassador Extraordinary and Plenipotentiary of Namibia to France, Permanent Delegate, Chairperson of the Africa Group (video)

#### Ministerial statements

- H.E. Dr Itah Kandjii-Murangi, Minister of Higher Education, Training and Innovation, *Namibia* (TBC)
- H.E. Mr Daniel Navigara, Minister of Higher Education, Science and Technology, *Mozambique* (TBC)
- H.E. Ms Mariatou Koné, Minister of National Education and Literacy, *Côte d'Ivoire*
- H.E. Prof Pauline Nalova Lyonga Egbe, Minister of Secondary Education, *Cameroon*
- Eng. Vincent Adul, Communications Technology Expert, Ministry of ICT, Innovation and Youth Affairs, *Kenya*

#### Round Table on Partnerships for Africa: Private and institutional partnerships

- Prof. Amal El Fallah Seghrouchni, Secretary-General, OCP Foundation, *Morocco*
- Mr LI Tianchi, CEO, CODEMAO, *China*
- Ms Mona Laroussi, Director, Institute of the Francophonie for Education and Technical and Vocational Education and Training (IFEFF), *Senegal*
- Ms Claire Mongeau, Co-Founder and CEO, M-Shule, *Kenya*

#### Round Table on Partnerships for Africa: Academic partnerships

- Ms Rita Bissoonauth, Head, African Union International Center for Girls' and Women's Education in Africa (AU/CIEFFA), African Union Commission
- Ms Ikram Chairi, Mohammed VI Polytechnic University, *Morocco*
- Prof WANG Quan, Vice-President, Xidian University, *China*
- Mr Ming Li, Director, UNESCO International Centre for Higher Education Innovation (ICHEI), *China*
- Mr HUANG Ronghuai, Professor, Faculty of Education, Beijing Normal University, *China*
- Ms Gakou Salamata Fofana, President of the Association of Women Engineers in Mali, *Mali* (TBC)
- Ms Hélène Charpentier, Senior Project Officer, Association for the Development of Education in Africa (ADEA) (video)

#### Concluding remarks

- Mr Yue Du, Director, Priority Africa Coordination Division, UNESCO

#### Closing Session

*Moderator:* Mr QIN Changwei, Secretary General, National Commission for UNESCO, *China*

- Mr Firmin Edouard Matoko, Assistant Director-General for Priority Africa and External Relations, UNESCO
- Mr ZHOU Zuoyu, Vice President, Beijing Normal University, *China*
- H.E. Mr TIAN Xuejun, Vice Minister of Education, Chairperson of the National Commission for UNESCO, *China*

14:30 - 15:00

#### For more information:

Please contact [aied@unesco.org](mailto:aied@unesco.org), Team of Future of Learning and Innovation, Unit for Technology and AI in Education, UNESCO Headquarters.