

Mobile Learning Week 2019

4-8 March 2019

Paris, France



Workshops

Title of the workshop:	Artificial intelligence and Inclusion: Why it matters for reaching of SDGs?
Date:	5 March 2019 16.15 – 18.00 ROOM 3
Name of organizer/presenter:	UNESCO IITE and UNESCO Section of Education for Inclusion and Gender Equality Presenters: <ol style="list-style-type: none">1. Natalia Amelina, Senior National Project Officer in Education, UNESCO IITE2. Svetlana Botkina, Chief of the section of Cultural and Sport Rehabilitation Center of All-Russian Association of the Blind, Russia3. Richard Culatta, CEO of ISTE, USA4. Maxim Mikhalev, "Knowledge Society Initiative" evangelist at ABBYY 3A5. Ivan Lee, Manager TLI Developers, Korea6. Serge Ebersold, Professor at CNAM, Paris, and Project adviser at the European Agency for Special Needs and Inclusive Education.
Time allotted:	1 hour 45 minutes

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About workshop:

The workshop will be implemented by UNESCO IITE with its co-organizing partners, namely Section of Education for Inclusion and Gender Equality (Division for Education 2030 Support and Coordination, UNESCO HQ) and ABBYY 3A Company (international software company).

The Workshop will feature examples of the new AI-based tools for educational environment and will create a good platform for sharing experiences and best practices on providing various groups of students with quality and accessible education. The Workshop will compile feedback on the potential of the AI solutions presented and their replicability to other contexts. The outcome of the Workshop will be used by the UNESCO and its partners to further implement measures aimed at the development of the teachers' capacity to use AI tools effectively for achieving better learning outcomes of all students.

The Workshop will allow participants to identify the difficulties and challenges that teachers might face when working with students with various educational needs. It will also highlight existing approaches to the management of the previously mentioned challenges and demonstrate great potential of AI in tackling these difficulties. The Workshop will enable participants to discuss what competencies are required from every teacher in order to adapt to the use of AI tools in education system as well as understand the skills learners need to develop.

The participants of the Workshop are expected to develop and improve skills and knowledge in the following domains:

- Recognition of benefits that AI can bring in addressing exclusion and promoting better inclusion;

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	<ul style="list-style-type: none">- Understanding of the risks of AI application which may exacerbate inequalities and imbalances;- Identification of challenges and unresolved issues that various groups of learners and their teachers face in educational process while using AI-based solutions;- Examples of successful application of AI for inclusion and promoting Education 20130 Agenda
Objectives of the workshop:	The main goal of the Workshop is to reveal the potential of AI-based solutions for inclusion, to discuss its benefits, including education of vulnerable groups, as well as to recognize possible risks of its implementation.
Activity Layout:	<ul style="list-style-type: none">-Presentation "Artificial intelligence for Inclusion: the benefits vs the risks" by Serge Ebersold-Presentation "AI recognition software for indigenous languages and bridging digital divide" by Maxim Mikhalev- Presentation "AI-enabled software solutions for visually impaired students" by Ivan Lee- Presentation "AI for inclusive education" by Richard Culatta- Presentation "AI application for visually impaired persons: case-study of the Russian Federation" by Svetlana Botkina- Discussion, exchange of opinions closing of the workshop moderated by Natalia Amelina
Demo Lab:	In addition to the workshop we propose to arrange a Demo Lab "Artificial intelligence and Inclusion" where

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the participants and visitors can try modern AI solutions and discuss with specialists its perspective implementation. The Demo Lab will be arranged by UNESCO IITE in partnership with ABBYY 3A, an international software company that provides optical character recognition, document capture and language software for both PC and mobile devices. At the Demo Lab it is planned to demonstrate promising technologies related to education, including Data Capture and Text Grabber software.