

Mobile Learning Week 2019

4-8 March 2019

Paris, France



Workshops

Title of the workshop:	Creating Next-Generation Digital Courses – Using AI to Support Personalized, Collaborative, Socio-Emotional Learning
Date:	5 March 2019 10.00-11.30 ROOM 6
Name of organizer/presenter:	UNESCO MGIEP Presenter: Roy Saurabh, Chief Technology Officer, UNESCO MGIEP
Time allotted:	1 hour 30 minutes
About workshop:	<p>The workshop on UNESCO MGIEP's indigenous platform Collective Human Intelligence(CHI) will cover how AI has been leveraged to enhance education & learning. CHI facilitates delivering of Global Citizenship Education, Teacher Education & Student assessments (SDG 4.7) with embedded Socio-Emotional Learning(SEL) components (empathy, mindfulness, compassion & critical inquiry) at scale.</p> <p>CHI analyzes learning patterns and provides educators in-depth insights to help achieve learning outcomes optimally leveraging AI. CHI incorporates the 'Human in the Loop' concept to create training data for the educational use case, tune the model with human insights, and test it recursively to make sure the insights are accurate and actionable.</p> <p>The CHI workshop will be useful for participants who are looking for:</p>

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	<ul style="list-style-type: none">- Interactive pedagogical tools like Games and Multi-modal Journaling options for teaching, learning & assessing: CHI's Game & Multimodal Journaling tool demo that goes beyond passive audio-visual modes being utilized in existing MOOCs.- Demystifying embedding of SEL components within mainstream courses: CHI's rich SEL Libraries and detailed implementation guidelines empower the educators to embed mainstream courses with right SEL components to help engage learners socio-emotionally.- Collaborative work tools amongst educators & learners while engaging with the course content: CHI's contextual discussion functionality facilitates peer-to-peer engagement powering automated identification of 'Influencers' based on Sentiment Shift analysis of digital interactions.
Objectives of the workshop:	The workshop aims to empower the participants to help learners acquire the knowledge and skills needed to promote sustainable development through SEL embedded engaging pedagogy leveraging CHI.
Activity layout:	CHI platform will be best experienced on HTML5 compliant browsers (recommended browser: Chrome). The workshop would be hands-on and the delivery would have the following key steps: <ul style="list-style-type: none">- Go through a sample course already on CHI to get familiarised with the platform and rich feature set.- Create your own sample courses (individually or in small groups) utilizing available pedagogical tools in CHI like Rich Text, Audio, Video, URL Embedding, Discussion Embedding, Journaling etc. and rich content libraries like SEL activity Library & Educational Gaming Library.- Play around with each other's courses shifting roles from creator to learner utilizing all different forms

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of Journaling to register your responses (Text/Audio/Video/ File Upload/ Sketching). - Look at the Dashboard to see the insights that have been generated through your digital interactions and the meaning behind the same. - Elaborate on the AI models behind Sentiment, Emotion & Tone analysis, Word Cloud generator and Branching tools empowering personalized non-linear learning paths.