



INNOVATIVE CAPACITY DEVELOPMENT SOLUTIONS TO PROMOTE SOCIAL JUSTICE: HARNESSING EMERGING TECHNOLOGIES FOR ACCELERATED SOCIAL DEVELOPMENT

A WEBINAR SERIES

OVERVIEW

As the 2023 implementation progress review of the 2030 United Nations (UN) Sustainable Development Strategy Framework has shown, decisive action is needed if the Sustainable Development Goals are still to be achieved. To accelerate positive change, the Pact for the Future endorsed in September 2024 by the UN General Assembly calls for honing five critical skills across the UN system: innovation, data, digital transformation, future foresight and insights from behavioural science (the UN Quintet of Change; for more information go to <https://untwo-zero.network/>).

The innovation sparks initiative facilitated by the International Training Centre of the International Labour Organization (ITCILO) seeks to promote the Quintet of Change by providing a safe space for experimentation with **innovative capacity development solutions that accelerate social development**. As part of this innovation sparks initiative, the ITCILO Turin School of Development hosts a **webinar series on the nexus between emerging technologies and social justice**, looking through a human-centred lens to explore how to **harness these technologies for learning and capacity development**. As the debate on the impact of Artificial Intelligence on the future of learning shows, decision makers are often unprepared to act fast when technological breakthroughs occur. The webinar series is meant to address this challenge, providing a dialogue forum to 'think slow' about foundational technologies today and act fast when a technological breakthrough occurs.

Each webinar explores the opportunities and risks of a given emerging technology for learning and capacity development. The first webinar in the series, held on December 17, 2024, provided a comprehensive exploration of neurotechnology and their transformative potential for learning. The event brought together a high-level panel of learning and capacity development professionals, engineers and legal experts, who delved into the wide array of devices and systems interacting with the central nervous system—ranging from Brain-Computer Interfaces to neurostimulation, neuromodulation, and neural prosthetics. They presented different and often dissenting viewpoints and to share insights on emerging policy, legal, and regulatory challenges—particularly those concerning privacy, consent, and identity. Refer to the following link to learn more about neurotechnology and future of learning: <https://www.itcilo.org/events/innovative-capacity-development-solutions-promote-social-justice-role-foundational>

The next webinar, titled “The impact of quantum technologies on the future of learning and capacity development” will take place on **15 April 2025** and set to explore how quantum advancements are reshaping the future of learning and capacity building.

WEBINAR ON THE IMPACT OF QUANTUM TECHNOLOGIES ON THE FUTURE OF LEARNING AND CAPACITY DEVELOPMENT

15 APRIL 2025 – 11.00-12.30 CET

The webinar will feature a keynote address by Ms. Celeste Drake, Deputy Director General of the ILO, who will talk about the ILO approach to fair digital transitions in the world of work. Her intervention will be followed by a high-level panel discussion between **Dr. Chris Percy** (Strategy & Policy Consultant / Data Scientist, CSP Resources), **Dr. Mira L. Wolf-Bauwens** (Responsible Quantum Computing Lead, IBM Research Europe), **Ms. Jing Zhao** (Division of Science Policy and Basic Science (PBS), UNESCO), and **Prof. Bartolomeo Montrucchio** (Department of Automatic Control and Computer Science (DAUIN), Politecnico di Torino) about the impact of quantum technologies on learning and capacity development, each bringing their unique perspectives from policy, research, and technological practice. Participants in the webinar will then have opportunity to intervene with questions and comments.

For further details, visit the ITCILO website and the Pioneers Forum information [here](#).

REGISTRATION

Register [here](#).

