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International Research Centre
on Artificial Intelligence
under the auspices of UNESCO

REPUBLIC OF SLOVENIA
PERMANENT MISSION
TO THE UNITED NATIONS
NEW YORK

PRESENTATION OF THE 2022 IRCAI GLOBAL TOP 100 INTERNATIONAL LIST OF AI SOLUTIONS FOR SDGs & LAUNCH OF THE 2023 GLOBAL TOP 100 CALL

Side Event at the Multi-stakeholder Forum on Science, Technology and Innovation for the SDGs (STI Forum)

STI FORUM
Science, Technology & Innovation for
the Sustainable Development Goals

4 MAY 2023

08:30 – 09:45 (ET) ▪ **13:30 – 14:45 (GMT)** ▪ **14:30 – 15:45 (CET)**

The Permanent Mission of the Republic of Slovenia to the United Nations and the International Research Centre on Artificial Intelligence under the auspices of UNESCO (IRCAI) are inviting to a side event at the 2023 STI Forum, which will focus on the presentation of the results of underline the 2022 IRCAI Global Top 100 call for Artificial Intelligence (AI) solutions addressing the 17 Sustainable Development Goals (SDGs), and the launch of the 2023 Global Top 100 call.

The SDGs that lie in the heart of the 2030 Agenda for Sustainable Development, adopted by all UN Member States in 2015, are an urgent call for action by all countries. Now past the halfway point, the international community has made great advances; however, we still have a long way to go.

IRCAI Global Top 100 calls aim to bring to light the best of AI's research, advanced technology, and computation and talents to accelerate progress towards achieving the SDGs. The 2022 IRCAI Global Top 100 international list provides a consolidated evidence that a significant number of universities, nongovernmental organizations, non-profits, start-ups, and multinational companies are working on AI projects related to the SDGs, including on the SDG 6 – Clean Water and Sanitation.

Accordingly, the Side Event will provide a valuable insight on how stakeholders across different industries, domains, and regions are using the AI to achieve the Global Goals, and present top 10 outstanding solutions

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AGENDA

08:30 – 09:00 ET Opening
Moderated by Davor Orlic, COO IRCAI

Introductory speeches (3 min each)
Amb. Boštjan Malovrh, Permanent Representative of the Republic of Slovenia to the United Nations in New York
Igor Papič, Minister of Higher Education, Science and Innovation of the Republic of Slovenia
Tawfik Jelassi, Assistant Director-General for Communication and Information, UNESCO
Tanja Miškova, Ambassador-at-Large for Water Diplomacy, Ministry of Foreign and European Affairs of the Republic of Slovenia

Keynote Speech (5 min)
Ambassador Lachezara Stoeva, President of ECOSOC

Presentation of the current work and plans of the IRCAI Centre (3 min)
John Shawe-Taylor, Director IRCAI

09:00 – 09:45 ET Presentations of tangible real-life use of AI in solving sustainable development challenges (TOP100 projects)

Introduction to Top 100 (3 min each)
Massimo Preziuso, Chair of Business and Impact Council IRCAI
Jorge Clarke, Strategic Advisor for the IRCAI Global Top 100 program

Outstanding projects (3 min each)
Anita Schjøll Abildgaard, Iris.ai – Researcher Workspace
Anna Stünzi, Climate finance accounting via artificial intelligence
Eduardo Ulises Moya Sanchez & Mario Arauz, Artificial Intelligence-Based Referral System for Patients With Diabetic Retinopathy in Jalisco
Emily Charry Tissier, Mobius (Artificial intelligence for scalable and standardised whale monitoring)
Evangelos Pournaras, Collective Learning (Human-machine Collective Intelligence at Smart City Scale)
Ife Adebara, Afrocentric NLP (Afrocentric natural language processing)
Jędrzej Świeżewski, Mbaza AI
Josh Parrish, Pachama Originals
Kasia Krasucka, Nowcasting of Solar Electricity Production

Introduction to SDG 6 solutions:
Jorge Clarke, Strategic Advisor for the IRCAI Global Top 100 program

Speakers and projects, 3 minutes each:
Catarina Violante, Smartex AI based Inspection System
Florian Skene, MALENA (Machine Learning Environment, Social and Governance Analyst)
Patrick Wood Uribe, UTIL sustainability analytics
Vismands Menjoks, Collection of disposable e-cigarettes and batteries

09:50 – 09:55 ET Wrap up of the Top 100 session and AI Award announcement
Announcement by Davor Orlic, COO IRCAI

09:55 – 10:15 ET Q & A session, interventions from the floor
Moderated by Davor Orlic, COO IRCAI
10:15 ET Closing of the event

EVENT PROGRAMME