

AGENDA

INNOVATION SESSION: ARTIFICIAL INTELLIGENCE FOR MINE ACTION

INTERNATIONAL CONFERENCE CENTER GENEVA (CICG), GENEVA, SWITZERLAND,
1-3 OCTOBER 2024

DAY 1 – SHARING AND LEARNING, 1 OCTOBER 2024

Location: Plenary Rooms E/F, Level 3, CICG

Time **Activity and Topic**

OPENING SESSION

09:00-09:30 Welcome Address: *Ambassador Tobias Privitelli (GICHD)*

09:30-10:00 Keynote Speech: *Michael Tjalve (Humanitarian AI Advisory)*

10:00-10:30 Coffee Break

SESSION A: ARTIFICIAL INTELLIGENCE (AI) MEETS MINE ACTION

10:30-11:00 Introduction to Mine Action: *Greta Zeender (GICHD)*

11:00-11:30 Ethics of AI: *Alexander Kriebitz (Ludwig Maximilians University of Munich)*

11:30-12:00 Perspectives on AI and Mine Action: *Sulaiman Mukahhal (GICHD)*

12:00-13:30 Lunch (Wangari Maathai Hall, Level 2)

SESSION B: LAND RELEASE AND INFORMATION MANAGEMENT IN MINE ACTION

13:30-14:00 The Land Release Process: *Angela De Santis (Fondation Suisse de Déminage)*

14:00-14:30 Information Management in Mine Action: *Lina Castillo (GICHD)*

14:30-15:00 Coffee Break

SESSION C: AI COMPUTATIONAL TECHNIQUES

15:00-15:30 Machine Learning & Neural Networks: *Rami Alouta (Esri)*

15:30-16:00 Generative AI: *Ahmed Al Hammadi (Technology Innovation Institute)*

16:00-17:00 Setting the Stage for Thematic Group Work

17:00-18:30 Ice-breaker (Wangari Maathai Hall, Level 2)

DAY 2 – THEMATIC WORKING SESSIONS, 2 OCTOBER 2024

Location: Rooms 6/7, Level 0, CICG

Time **Activity and Topic**

THEMATIC WORKING SESSIONS

08:30-11:30	Thematic Group Work
11:30-12:00	Back Brief of Group Work
12:00-13:30	Lunch (in front of Rooms 6/7)
13:30-16:30	Thematic Group Work
16:30-17:00	Submission of Project Briefs

Note:

Participants will be gathered into small groups of around 10 participants from diverse backgrounds. Each group will be appointed a facilitator. The groups will have the day to brainstorm about possible applications of AI that would address a specific problem statement, in the themes below. By the end of the day, the groups should submit a project proposal, summarising their work.

Themes:

- Data analytics and interrogation of information management systems
- Image recognition for classification and identification of explosive ordnance
- Impact of AI on community engagement and content generation within EORE
- Information management systems data integration and priority setting
- Identification of contaminated areas for early impact analysis
- Robotics and autonomous mechanical systems
- Satellite imagery processing and analysis
- Unmanned aerial vehicles (UAV)-deployed sensor data fusion and analysis
- Generative AI supporting organizational processes

DAY 3 – DEBATING RESULTS, 3 OCTOBER 2024

Location: Rooms 6/7, Level 0, CICC

Time **Activity and Topic**

RESULTS AND DEBATE

08:30-09:30 Presentation and Debate of the Project Briefs

09:30-10:00 Coffee Break

10:00-11:00 Presentation and Debate of the Project Briefs

CLOSING SESSION

11:00-11:30 Collective Selection of Project Ideas

11:30-12:00 Closing Remarks: *Pedro Basto (GICHD)*
