

OPCW AI GLOBAL CONFERENCE -

The role of Artificial Intelligence (AI) in advancing the implementation of Chemical Weapons Convention (CWC)

(To be held in Rabat, Morocco from 22nd to 24th October, 2024)

National Authority Chemical Weapons Convention (NACWC), Cabinet Secretariat invites experts in Artificial Intelligence (AI) with relevant experience and expertise in the following areas:

1. **Academia** - Professors or researchers with a focus on any of the following areas: chemistry with AI, biology with AI, pharmaceutical studies with AI, or AI and LLB.
2. **Think Tank/Policy** - Experts with a research focus on AI's implications for disarmament or counterterrorism.
3. **Private Sector** - Professionals from the chemical (petro/pharmaceutical) industry with a focus on AI applications in safety/security measures, automation, etc., or from AI companies or AI-based chemical companies specializing in the synthesis of chemical compounds, detection methodologies, etc.

The OPCW will fully sponsor the expenses for participation of **'selected individuals'** in the conference.

The nomination(s), along with experience in relevant field, may be emailed at: adviser-nacwc@gov.in OR jd-nacwc@gov.in.

Please reach out to Dr. Arjun Singh, Joint Director, NACWC, Cabinet Secretariat (Tel. No. 24675465) for more information.

Programme

The outline of the programme is suggested as follows:

Day 1

AM	Opening Ceremony - High-level Segment <ul style="list-style-type: none">• Director-General, OPCW• High-Level host country representative/s• Under-Secretary-General of Disarmament Affairs, UNODA• Member of UN Secretary-General's High-Level Advisory Board on Artificial Intelligence• A leading industry representative recognised in the field of AI, science and innovation• A leading academic recognised in the field of AI, science and innovation• Other selected distinguished guests (by invitation only)
PM	Technical Segment - Start of the Technical Panel Discussions Focus Area 1: Panel Discussion on: <i>"Role and impact of AI in chemistry from the lens of evolving science and policy discourse"</i> <ul style="list-style-type: none">• <i>General developments vis-à-vis AI in chemistry</i>• <i>AI, science, policy and ethical considerations</i>• <i>AI for furthering international cooperation for peaceful uses of chemistry</i>

Day 2

AM	Focus Area 2: Panel Discussion on: <i>"Impact and challenges of AI on the chemical industry at-large"</i> <ul style="list-style-type: none">• <i>AI and chemical risk, safety and security management</i>• <i>AI-posed challenges and opportunities in chemical supply chain resilience</i>• <i>AI and cyber security management in chemical plants</i>
PM	Focus Area 3: Panel Discussion on: <i>"Challenges presented by AI in counter-terrorism and implementation of CWC."</i> <ul style="list-style-type: none">• <i>AI and chemical security, prevention of chemical terrorism, and illicit transfer</i>• <i>AI and verification and inspection mechanisms/methodologies</i>• <i>AI and hazardous chemical detection and monitoring</i>

Day 3

AM	<p>Conclusion of Panel discussion on Focus Area 3 – <i>“Challenges presented by AI in counter-terrorism and implementation of CWC”</i></p> <p>Debriefing by Moderators on three Focus Areas</p> <ul style="list-style-type: none">- Focus Area 1 <i>“Role and impact of AI in chemistry from the lens of evolving science and policy discourse”</i>- Focus Area 2 <i>“Impact and challenges of AI on the chemical industry at-large”</i>- Focus Area 3 <i>“Challenges presented by AI in counter-terrorism and implementation of CWC”</i> <p>Summary wrap-up of the conference</p> <p>Closing Remarks</p>
PM	<p>Available and open to organization/hosting of Side Events <i>(Subject to expression of interest)</i></p>