

FORUM: Disarmament Commission

QUESTION OF: Regulating Further Scientific Development of Mass Destruction Weapons with Regards to AI

MAIN-SUBMITTED BY: Delegate of Austria

CO-SUBMITTED BY: Iraq, Columbia

THE DISARMAMENT COMMISSION,

Noting with deep concern that weapons of mass destruction (WMD) and lethal autonomous weapons systems (LAWS), which can cause global-scale devastation in terms of population and supplies, need a sanction,

Expressing appreciation for the existing BWC (Biological Weapon Convention), Partial Test Ban Treaty (PTBT), Treaty on the Prohibition of Nuclear Weapons (TPNW), and Chemical Weapons Convention (CWC),

Recognizing the advantages of Artificial Intelligence (AI) such as its precision, accuracy, and speed in processing numerous repetitive tasks,

Keeping in mind the potential mass destruction weapons with regards to AI has to develop as a military power amplifier,

Emphasizing the importance of arousing the public's attention to how dangerous and significant AI could be as a military power amplifier with the desperate need to regulate further scientific development of mass destruction weapons with regards to AI,

1. Encourages the establishment of an international advisory group to supervise the current global WMDs circumstance by:
 - a. establishing the advisory panel that consists of 10 different randomly chosen UN member states to supervise worldwide WMDs' condition while the states consisting of the advisory group will be changed yearly,
 - b. adopting a conference that will be held regularly in June to share the information of WMDs' present condition with UN member states and other international government organizations and non-government organizations by:
 - i. devising plans considering potential problems that might take place in the future,
 - ii. making a list of member states to be sanctioned in the aspect of WMD trade and development,
 - iii. discussing terrorist organizations operating worldwide;
2. Suggests all states recognize the current situation of WMDs and identify with the existing proliferation threats by:
 - a. effectively using media addressing how severe the issues have become by utilizing all forms of media in ways such but not limited to:
 - i. television,
 - ii. magazines,

- iii. newspapers,
 - iv. adverts,
 - v. radio,
 - vi. various social media including YouTube, Weibo, Twitter and Facebook,
 - b. consistently updating educational content for both teachers and students,
 - c. supporting widespread education of the scientific development of WMDs with regards to AI to:
 - i. give a basic understanding of what the scientific development is about,
 - ii. provide further information of its prospect and potential,
 - iii. make the public more accessible to the information of the ongoing development of technology;
- 3. Requests the creation of various international conventions over imports and exports of necessities for the development of WMDs to:
 - a. regulate imports and exports of hazardous radioactive chemicals such as uranium, fluorine, plutonium with treaties that define the allowed amounts to be traded,
 - b. supervise the transportation to assure that raw materials do not surpass the rates in bilateral trading by establishing trade centers,
 - c. charge a fine on nations that are unobservant of the trading rules concerned with the raw materials of WMDs;
- 4. Further requests the establishment of a strict standard that promotes trustworthy and beneficial AI and restricts the development of lethal autonomous weapon systems (LAWS) by:
 - a. setting specific laws on AI similar to the three laws of robotics,
 - b. reaching consensus of the ethical standards of using AI in warfare such as LAWS by:
 - i. warning how AI for military use replaces human conscience, responsibility, and morality,
 - ii. reminding the simultaneous development of hacking skills along with the development of AI, and how vulnerable AI could be;
- 5. Emphasizes the importance of following the standards and treaties established during worldwide security problems such as the COVID-19 by reinforcing the original standards and treaties in terms of the strictness of the sanction to:
 - a. prevent states from taking advantage of the pandemic as a period for rapid scientific development with regards to the WMDs,
 - b. persist on taking control of major issues related to important treaties while handling the pandemic;
- 6. Proposes the formation of a hacker group that consists of certified ethical hackers (CEH), who provide an essential service to organizations by identifying vulnerabilities that can lead to a security breach, to:
 - a. access WMDs easily that are controlled by AI and examine if any violations are in place,
 - b. judge whether or not further restraint seems to be necessary,

- c. estimate the potential WMDs or lethal autonomous weapons systems (LAWS) hold before actual practice;
- 7. Proclaims stricter limitations put to the direct trade and production of WMDs such as nuclear weapons, chemical weapons, and biological weapons by:
 - a. creating a new treaty that regulates the direct trade of WMDs and the technology involved in the scientific development,
 - b. increasing tariffs on WMDs when directly traded among nations to prevent further proliferation,
 - c. reinforcing security of customs across borders to more thoroughly monitor direct trade taking place;
- 8. Hopes to set a 2030 sustainable development goal in the United Nations that will aim for a clean world without WMDs to:
 - a. effectively draw attention to the important issue,
 - b. give a motivation for states that support the elimination of all WMDs including LAWS so that better refinements are made regarding the numerous treaties related to the issue,
 - c. continue on persuading states that possess WMDs to eradicate all the radioactive elements and hazardous chemicals in conjunction with the weapons itself;
- 9. Strongly recommends the right education regarding the relationship between human ethics and the development of AI to children so that they have an early understanding of how serious the application of AI to military is to:
 - a. delay the technological advance of militarized AI,
 - b. remind moral laws and rules that have to be kept by humans in any circumstances, including the application of AI not only in daily life but also in domains of the military and education,
 - c. divert the development of AI for military reinforcement to a positive direction such as but not limited to:
 - i. the field of education,
 - ii. transportation,
 - iii. heavy industry.