AI and Global Security Dynamics: Navigating the Evolving Military and geopolitical Landscape

Name: Ng Arian Man Lok
Affiliation: Program Management Intern,Kids In the Game
Position/Educational Level: Master in China in Comparative Perspective, London School Of Economic and Political Science
Discipline: International Relations

Summary:

The emergence of Artificial Intelligence (AI) as a pivotal force in military and security domains marks a transformative period in global affairs. This presentation aims to dissect the multifaceted implications of AI in military capabilities, focusing on the evolving geopolitical landscape, particularly the intensifying competition between the United States and China.

AI Arms Race:
Echoing the nuclear arms race of the Cold War, the current race for AI supremacy underscores a critical aspect of international relations. The pursuit of technological superiority has nations heavily investing in AI, potentially leading to rapid escalation in conflicts due to the efficiency and speed of AI systems. This will further driven by the current geopolitical dynamic between the East and the West.

Geopolitical Implications and deterrence:
The AI arms race, particularly between the U.S. and China, transcends military might to encompass economic and technological dominance, significantly influencing global power structures and security balance. This section will explore how AI's integration into military capabilities is reshaping alliances and rivalries on the global stage.The potential of AI in strategic deterrence, particularly in the context of nuclear weapons, is altering traditional deterrence theories.The necessity for AI-driven defensive measures to counter AI-enabled threats should be examined.

Ethical and Legal Concerns:
The presentation will address the complex accountability issues posed by AI in military actions and the need for adapting international laws to meet AI warfare's challenges.

Policy Recommendation:

Establish a high-level bilateral committee involving the US, China, EU, and UK, focused on AI in military systems, hosted in a neutral country like Singapore, Switzerland, or Dubai. This

committee will ensure transparent communication, shared ethical standards, and collaboration on AI technology control to mitigate global security risks.

Conclusion:
This presentation will conclude by highlighting the dual nature of AI in military and security realms - as a tool for enhancing defense capabilities and as a source of significant ethical, legal, and conflict escalation challenges. The AI arms race, particularly between major powers, signals a new era of geopolitical tension, mirroring the Cold War but with distinct digital age characteristics.