



Fondazione
Compagnia
di San Paolo



GAME CHANGERS 2020:
A new future dawns on international security

Advanced Research Workshop

Organised by the NATO Defense College Foundation in co-operation with the NATO Science for Peace and Security Programme, Fondazione Compagnia di San Paolo, the Policy Center for the New South, and the NATO Defense College

Rome, the 10th and the 11th of December 2020

*Venue: Live streamed from the Rome Cavalieri, A Waldorf Astoria Hotel
Via Alberto Cadlolo, 101, Rome*

THURSDAY, 10TH OF DECEMBER 2020

15,00 – 15,10 CET

Welcome Remarks

- **Alessandro Minuto-Rizzo**, President, NATO Defense College Foundation, Rome **
- **Olivier Rittmann**, Commandant, NATO Defense College, Rome **

15,10 – 15,20 CET

Opening Remarks

Ian Lesser, Vice President; Executive Director, Transatlantic Center, The German Marshall Fund of the United States, Brussels *



*This workshop
is supported by:*

**The NATO Science for Peace
and Security Programme**

15,20 – 16,40 CET

CONVERSATION

CLIMATE CHANGE AND SCARCE RESOURCES: RISING CONFLICTS

Climate change and resources scarcity are two scenarios that become increasingly relevant. The effects of climate change, like rising sea waters, desertification and increasing heat in wide geographic areas, and frequency of extreme thunderstorms, may have significant influence on essential logistics and combat operations. Water is the next paramount issue, traditionally linked to the control of flows on major rivers and now creating possible flashpoint around new dams. Finally, the control of arable land and associated basic crops recreates another important object of international and subnational contention, as it was for centuries when agriculture was man-intensive.

Moderator: **Roberto Menotti**, Editor in Chief, *Aspenia online*; Deputy Editor, *Aspenia*; and Senior Advisor for International Activities, Aspen Institute Italia, Rome **

- **Stefano Silvestri**, Vice President, NATO Defense College Foundation, Rome **
- **Mahmoud Karem**, Professor, British University; former Ambassador to NATO and the EU, and Commissioner, Human Rights Council, Cairo *
- **Kidane Kiros**, Senior Fellow, Policy Center for the New South, Rabat *
- **Vincenzo Camporini**, Former Italian Defense Chief of Staff **

Q&A Session

18,00 – 19,30 CET

CONVERSATION

THE SECURITY-HEALTH NEXUS AND THE TRANSATLANTIC RELATIONSHIP

The NATO Strategic Concept includes health risks as factors that will further shape the security environment and potentially affect NATO planning and operations. What are the main political and operational lessons from the pandemic crisis? How can contingents deployed operations alleviate complex health emergencies in fragile countries? How is the pandemic affecting the USA-Europe relationship and how to enhance this multifaceted and historical cooperation after the crisis?

Moderator: **Stephen J. Mariano**, Dean, NATO Defense College, Rome **

- **Frediano Finucci**, Journalist, La7 Television **
- **Daniele Riggio**, Press Officer; and former NATO Political Advisor in Afghanistan, NATO HQ, Brussels *
- **Jamie Shea**, Former Spokesperson of NATO, Overijse (BE) *
- **Andrew Spannaus**, Journalist and Political Commentator, Milan **

Q&A Session

19,30 – 19,40 CET

Special Intervention - Detecting and dealing with “grey rhinos”

Francesco M. Talò, Permanent Representative of Italy to the North Atlantic Council, NATO HQ, Brussels *

END OF THE FIRST WORKING DAY

(THE AGENDA CONTINUES BELOW)

FRIDAY, 11TH OF DECEMBER 2020

15,00 – 16,30 CET

DEBATE: PROS VS. CONS
ARTIFICIAL INTELLIGENCE AND GLOBAL SECURITY: THE CUTTING EDGE

AI promises to change deeply not only the way decision makers and organisations will operate in future political and security environments, but even the way international politics and conflicts will be conceived. The effect of Artificial Intelligence can be particularly disruptive in three strategic areas: the way deterrence is exercised and upheld, how autonomous weapon systems will combat in support of conventional forces or alone, and by which means it can enhance the complexity and tempo of offensive and defensive cyber operations.

Moderator: **Laura Carpini**, Head of Cyber Department, Directorate General of Political and Security Affairs, Italian Ministry of Foreign Affairs and International Cooperation

- **Peter Nielsen**, Associate Professor, Aalborg University, Aalborg (DK) *
- **Andrea Gilli**, Senior Researcher in Military Affairs, NATO Defense College, Rome **
- **Roberto Manca**, 4th Division of the Air Force Staff, Rome **
- **Stéphan Brunessaux**, Senior Expert in Artificial Intelligence and Data Analytics, Airbus Defence and Space, Elancourt (FR)*

Q&A Session

16,30 – 16,40 CET

Concluding Remarks

Piero Fassino, President, Foreign Affairs Committee, Chamber of Deputies, Rome *

END OF THE WORKING DAY

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