



STOCKHOLM SECURITY CONFERENCE

BATTLEFIELDS OF THE FUTURE

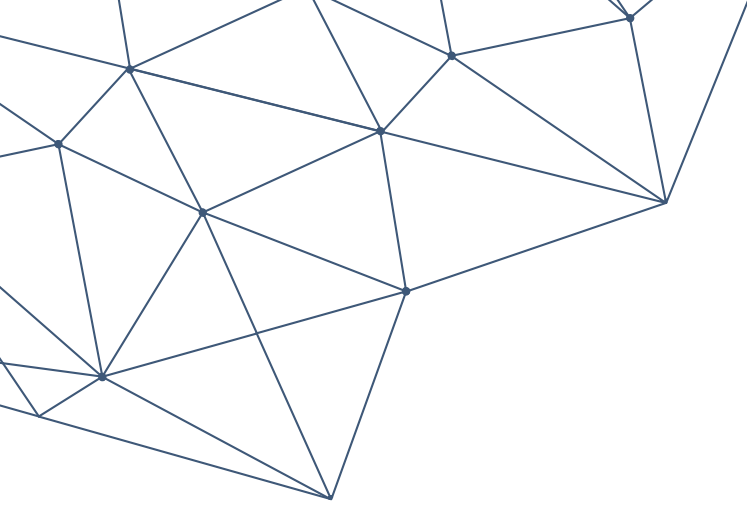
8-11 NOVEMBER 2021



2021 Stockholm Security Conference

AGENDA





DAY 1

Monday, 8 Nov.

All times are CET

12:30–13:45

Opening panel: Battlefields of the future

Moderator: **Dan Smith**

Director, Stockholm International Peace Research Institute (SIPRI)

Major General Darrell Amison

Director, Development, Concepts and Doctrine Centre, United Kingdom

Cordula Droege

Chief Legal Officer and Head of the Legal Division, International Committee of the Red Cross (ICRC)

Renata Dwan

Deputy Director and Senior Executive Officer, Chatham House

Thematic sessions: International law

14:00–15:15

Space warfare: Applying international humanitarian law to the final frontier

Moderator: **Nivedita Raju**

Researcher, SIPRI

Peter Hulsroj

Legal Consultant, intergovernmental organizations

Cassandra Steer

Mission Specialist, InSpace, Senior Lecturer, Australian National University, College of Law

Brian Weeden

Director of Program Planning, Secure World Foundation

Wen Zhou

Legal Adviser, Arms and Conduct of Hostilities Unit, Legal Division, ICRC

15:30–16:45

The AI conundrum: Algorithms and human responsibility in armed conflicts

Moderator: **Vincent Boulanin**

Senior Researcher, SIPRI

Marta Bo

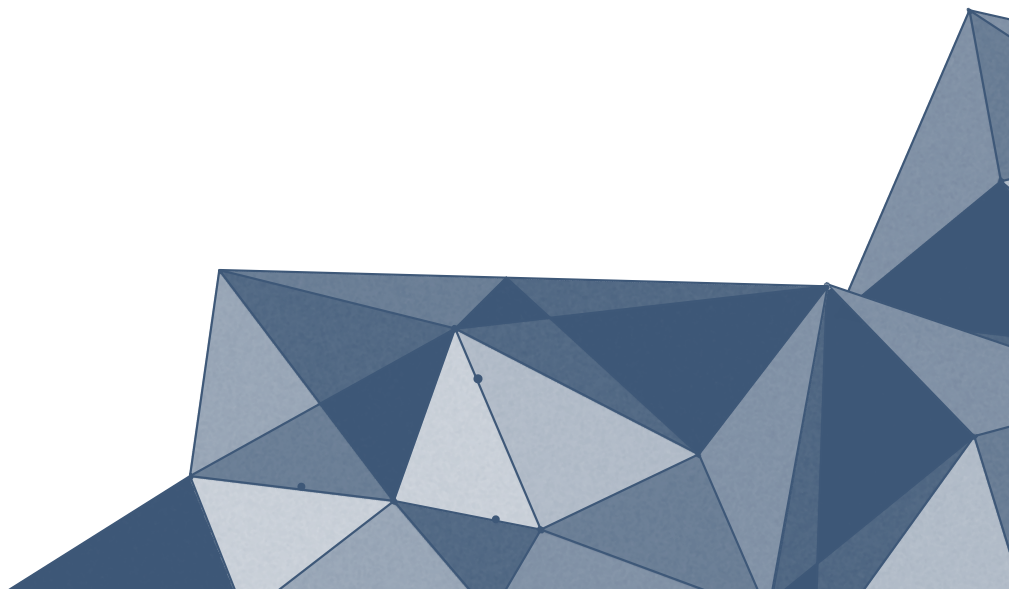
Researcher, Asser Institute and the Graduate Institute, Geneva

Dustin Lewis

Research Director, Harvard Law School Program on International Law and Armed Conflict

Binxin Zhang

PhD Scholar, Sciences Po



DAY 2

Tuesday, 9 Nov.

All times are CET

12:30–13:15

Thematic sessions: Technology

Quantum technologies, their potential impact on the battlefield and future control

Moderator: **Sibylle Bauer**

Director of Studies, Armament and Disarmament, SIPRI

Patricia Lewis

Research Director, International Security, Chatham House

14:00–15:15

Hacking nuclear deterrence: Cyber threats to nuclear systems

Moderator: **Lora Saalman**

Associate Senior Fellow, SIPRI

Herbert Lin

Senior Research Scholar, Center for International Security and Cooperation, Stanford University

Jinghua Lyu

Colonel (Retired), Programme Director, North East Asia, Centre for Humanitarian Dialogue

Pavel Podvig

Independent Analyst, Russia Nuclear Forces Project

Rajeswari Pillai Rajagopalan

Director, Centre for Security, Strategy and Technology, Observer Research Foundation

Page Stoutland

Vice President for Scientific and Technical Affairs, Nuclear Threat Initiative

15:30–16:45

Offence–defence race in space: Missile defence, anti-satellite weapons and nuclear arms control

Moderator: **Tytti Erästö**

Senior Researcher, SIPRI

Yevgeny Buzhinsky

Lieutenant-General (Retired), Chairman, Russian Center for Policy Research

Laura Grego

Stanton Nuclear Security Fellow, Laboratory for Nuclear Security and Policy, Massachusetts Institute of Technology

Daniel Porras

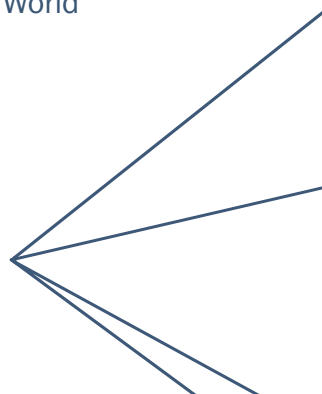
Director, Strategic Partnerships and Communications, Secure World Foundation

Nivedita Raju

Researcher, SIPRI

Tong Zhao

Senior Fellow, Carnegie-Tsinghua Center for Global Policy



15:30–16:45

The human mind as a battlefield

Moderator: **Sibylle Bauer**

Director of Studies, Armament and Disarmament, SIPRI

James Giordano

Chief, Neuroethics Studies Program, Pellegrino Center for Clinical Bioethics,
Georgetown University Medical Center

Gregor Noll

Torsten Söderberg Research Professor, Gothenburg University

16:45–18:00

Current trends in missile technology and proliferation: Are current governance instruments fit for purpose?

Moderator: **Kolja Brockmann**

Researcher, SIPRI

Seraina Frost

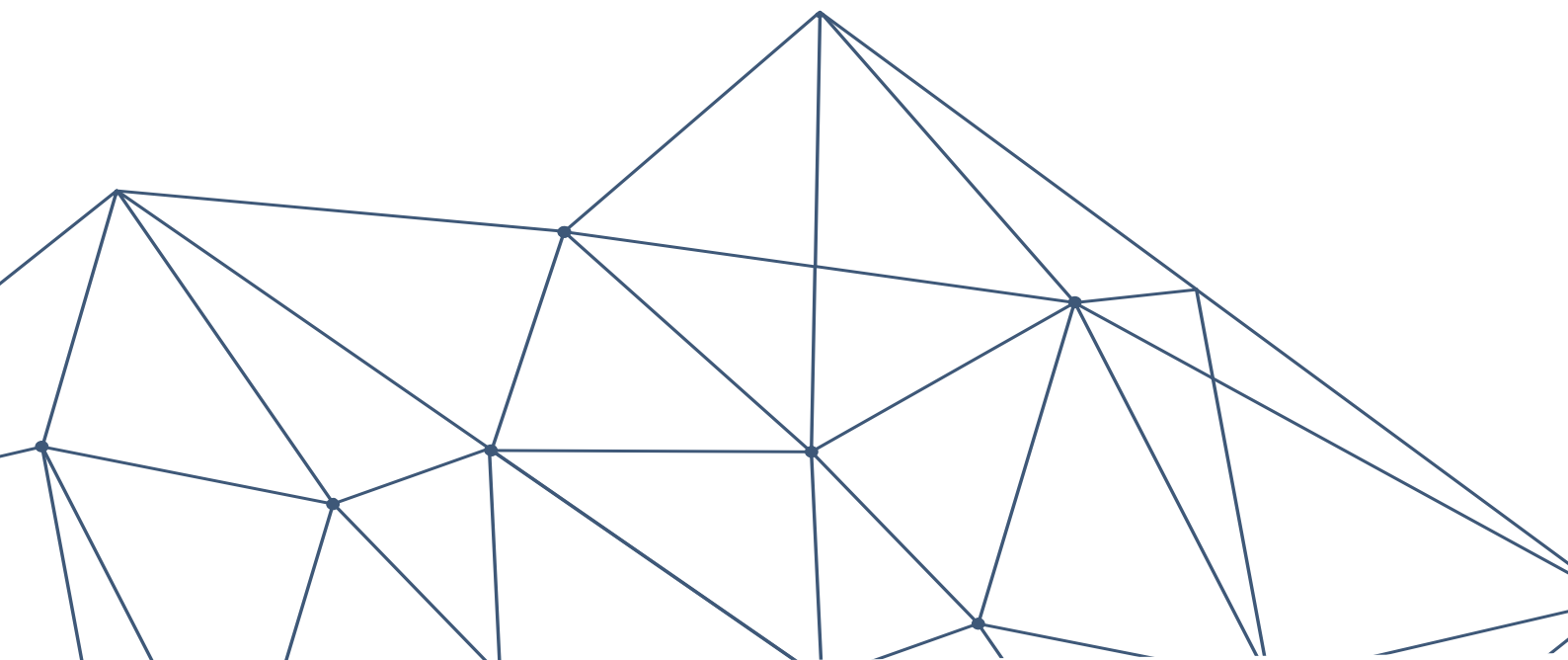
Co-chair, Missile Technology Control Regime's Technical Expert Meeting

Emmanuelle Maitre

Research Fellow, Foundation for Strategic Research

Dmitry Stefanovich

Research Fellow, Center for International Security, Primakov National Research
Institute of World Economy and International Relations



DAY 3 Wednesday, 10 Nov.

All times are CET

12:30–13:45

Thematic sessions: Strategies and doctrines

Gray zone conflicts and the absence of institutional mechanisms

Moderator: **Jingdong Yuan**

Associate Senior Fellow, SIPRI

Ong Wei Chong

Assistant Professor and Head, National Security Studies Programme, Nanyang Technological University

Lyle Morris

Senior Policy Analyst, RAND Corporation

Vira Ratsiborynska

Adjunct Professor, Vrije Universiteit Brussel

Mikael Weissmann

Associate Professor, Swedish Defence University

14:00–15:15

Tactical or strategic? Low-yield nuclear weapons and the Indo-Pacific region

Moderator: **Petr Topychkanov**

Senior Researcher, SIPRI

Anastasia Barannikova

Researcher, Admiral Nevelskoy Maritime State University

Zafar Iqbal Cheema

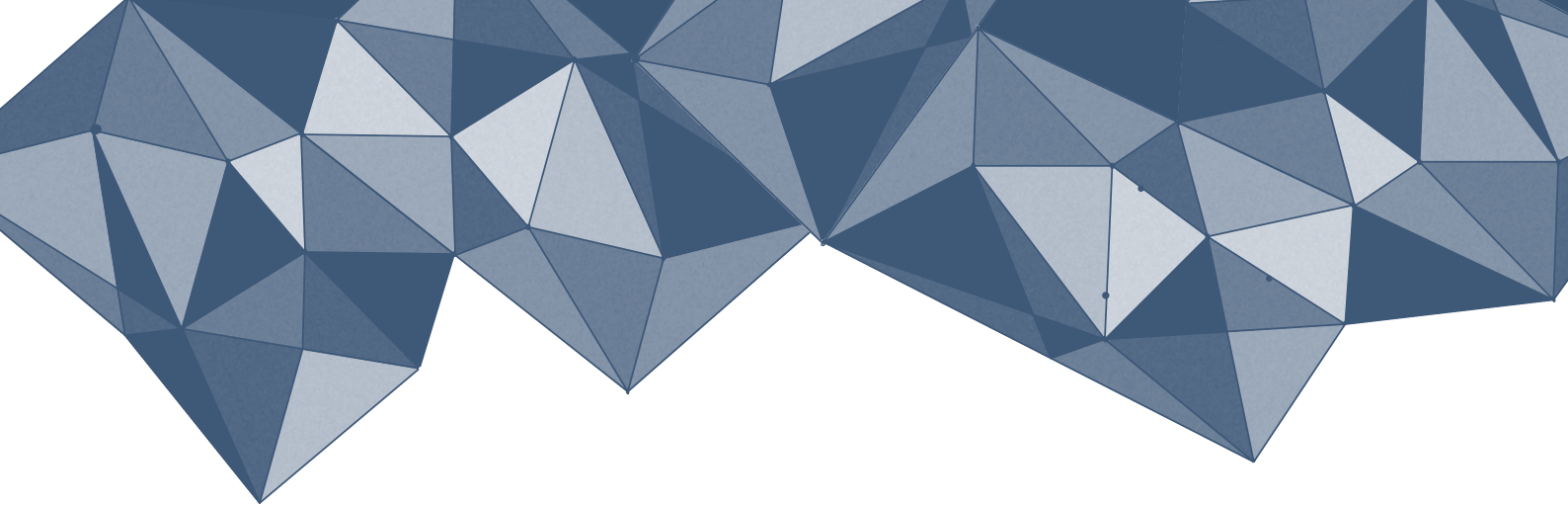
President and Executive Director, Strategic Vision Institute

Rakesh Sood

Ambassador (Retired), Distinguished Fellow, Observer Research Foundation

Sharon Ann Squassoni

Research Professor, Elliott School of International Affairs, George Washington University



14:00–15:15

Preparing for future urban warfare: Balancing operational needs with humanitarian concerns

Moderator: **Laura Bruun**
Research Assistant, SIPRI

Lydia Kostopoulos

Senior Vice President, Emerging Tech Insights, KnowBe4

John Spencer

Chair, Urban Warfare Studies, Modern War Institute

Abby Zeith

Legal Adviser, Arms and Conduct of Hostilities Unit, ICRC's Legal Division

15:30–16:45

Escalation thresholds in an era of 'muscular competition'

Moderator: **Ian Anthony**
Director, European Security Programme, SIPRI

Elisabeth Braw

Senior Fellow, American Enterprise Institute

Egle E. Murauskaite

Senior Researcher and Simulations Designer, International Communication and Negotiation Simulations Project, University of Maryland

Yauheni Preiherman

Independent Analyst, Russia Nuclear Forces Project

Sławomir Sierakowski

Sociologist and Political Analyst

DAY 4

Thursday, 11 Nov.

All times are CET

12:30–13:45

Thematic sessions: Protection of civilians

Civilians under attack: The Liptako-Gourma region of the Western Sahel

In partnership with the Danish Refugee Council (DRC)

Moderator: **Issaka Souaré**

Director, Sahel and West Africa Programme, SIPRI

Moderator: **Frédéric Baele**

Regional Protection Coordinator, DRC

Virginie Baudais

Deputy Director, Sahel and West Africa Programme, SIPRI

Julien Niankoye Bolamou

Regional Monitoring, Evaluation and Learning Officer, Search for Common Ground

Xavier Creach

Regional Coordinator for the Sahel, United Nations High Commissioner for Refugees

Hamidou Diallo

Regional Coordinator, Humanitarian Access, RECOLG consortium

14:00–15:15

Urban warfare and the protection of civilians: Mosul, a case study

Moderator: **Dylan O'Driscoll**

Director, Middle East and North Africa Programme, SIPRI

Rasha al-Aqeedi

Senior Analyst and Head, Nonstate Actors Program, Human Security Unit, Newlines Institute

Michael Knights

Jill and Jay Bernstein Fellow, The Washington Institute

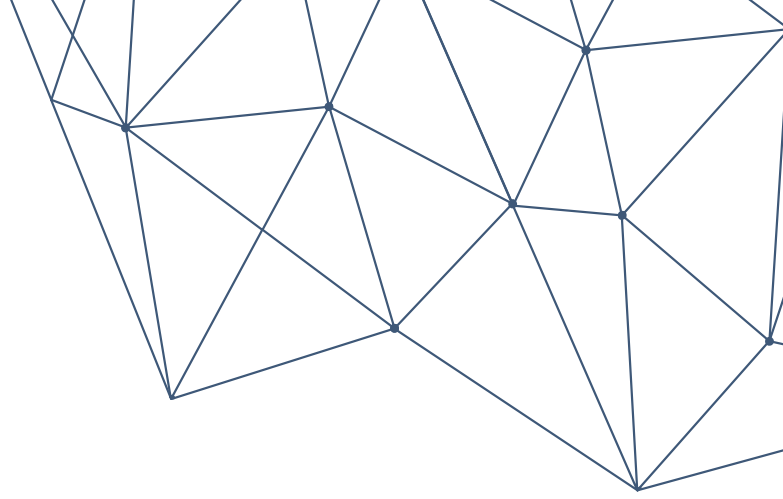
Mara Revkin

National Security Law Fellow, Georgetown University Law Center

Jabar Yawar

Secretary General, Ministry of Peshmerga, Kurdistan Regional Government





15:30–16:45

UN peacekeeping operations and parallel operations: Protection of civilians in a crowded field

In partnership with the UN Department of Peace Operations

Moderator: **Jair van der Lijn**

Director, Peace Operations and Conflict Management Programme, SIPRI

Alison Giffen

Interim Senior Director of Programs, Center for Civilians in Conflict

Dennis Gyllensporre

Lieutenant-General, Former Force Commander, UN Multidimensional Integrated Stabilization Mission in Mali

Nuno Lemos Pires

Brigadier-General, Mission Force Commander, European Union Training Mission in Mozambique

Maman Sidikou

High Representative of the African Union, Mali and the Sahel

Souleymane Thioune

Acting Chief of Staff, UN Multidimensional Integrated Stabilization Mission in the Central African Republic

17:00–18:15

Sustainable strategies for the protection of civilians in conflict locations

Moderator: **Ian Anthony**

Director, European Security Programme, SIPRI

Anna Ek

Country Director, Swedish Committee for Afghanistan

Marla Keenan

Adjunct Senior Fellow, Stimson Center

Larry Lewis

Vice President and Director of the Center for Autonomy and Artificial Intelligence at CNA

Fred Tanner

Ambassador (Retired), Visiting Professor, the Graduate Institute, Geneva

20:30–23:00

Concluding event: Ypres Peace Prize ceremony