



Programme

**Training Programme on Disarmament and Non-Proliferation
of Weapons of Mass Destruction**

28 September – 2 October 2020

Day 1 - General WMD Issues; Nuclear Weapons

Monday 28 September

10:30 – 11:10	Opening & round of introductions Deepti Choubey , Head, Public Affairs & OPCW Spokesperson, OPCW Dr Frederik Voûte , Asser Institute
11:10 – 11:30	<i>Coffee break</i>
11:30 - 12:30	International Law and the Use of Force <ul style="list-style-type: none">• International law: a very, very short introduction;• The use of force in international law;• Humanitarian intervention and R2P;• The use of WMDs and international law;• Case study: Syria and the use of chemical weapons; Dr Niels van Willigen , Associate Professor in International Relations, Leiden University
12:30 – 13:30	<i>Lunch</i>
13:30 - 14:30	Weapons of Mass Destruction (WMD) from a Geo-Political Perspective <ul style="list-style-type: none">• The reasons why states pursue WMD;• WMDs and the international order;• The role of arms control, disarmament and non-proliferation; successes and failures. Sico van der Meer , Research Fellow, Netherlands Institute of International Relations 'Clingendael'
14:30 – 14:50	<i>Coffee break</i>
14:50 - 15:50	Nuclear Safeguards

	<ul style="list-style-type: none"> • Various types of safeguard agreements and their progressive development in view of proliferation cases; • IAEA State-level approach. <p>Ionut Suseanu, Senior Legal Officer, International Atomic Energy Agency</p>
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Day 2 - Nuclear Weapons

Tuesday 29 September

9:00 - 10:00	<p>The Nuclear Non-Proliferation Treaty (NPT)</p> <ul style="list-style-type: none"> • History leading to its adoption; • Three pillars of the NPT; • Review Conferences and 1995 extension; • Current state of play. <p>Dr Michal Onderco, Assistant Professor of International Relations, Erasmus University Rotterdam.</p>
10:00 – 10:20	<i>Coffee break</i>
10:20 - 11:20	<p>The Comprehensive Nuclear-Test-Ban Treaty</p> <ul style="list-style-type: none"> • History; • The Comprehensive Nuclear Test Ban Treaty; • Organization (CTBTO); • Verification Regime; • Capacity building; • Civil & Scientific Applications. <p>Dr Jenny Nielsen, Public Information Officer, Comprehensive Nuclear-Test-Ban Treaty Organisation</p> <p>Natalia Silkina, Legal Officer, Comprehensive Nuclear-Test-Ban Treaty Organisation</p>
11:20 – 11.40	<i>Coffee break</i>
11:40 – 12:40	<p>Artificial Intelligence, hypersonic missiles and satellites: Exploring the intersection between emerging technology and nuclear stability</p> <ul style="list-style-type: none"> • Introduction to Strategic Stability; • Strategic Stability and emerging technologies; • Forecasting the impact of emerging technologies using STREAM; • Expected impact of emerging technologies to international security. <p>Marina Favaro, Policy Analyst, British American Security Information Council</p>
12:40 - 13:30	<i>Lunch</i>
13:30 - 14:30	<p>US-Russia Relations and Their Effect on International Arms Control</p> <ul style="list-style-type: none"> • New Start Agreement; • Intermediate-Range Nuclear Forces Treaty (INF Treaty); • NATO nuclear deterrent. <p>Dr Oliver Meier, Senior Researcher, Institute for Peace Research and Security Policy, University of Hamburg</p>
14:30 – 15:30	<p>Virtual Technical Visit TU Delft: Nuclear Technology & Proliferation</p> <ul style="list-style-type: none"> • Nuclear technology for peaceful purposes; • Nuclear weapon technologies. <p>Marcel Schouwenburg, Senior Lecturer Radiation Protection, Technical University Delft</p>

Day 3 - Biological and Chemical Weapons; Export Controls

Wednesday 30 September

9:30 – 10:30	<p>The Biological Weapons Convention</p> <ul style="list-style-type: none">• Background and history;• Intersessional meetings;• The Implementation Support Unit;• Current challenges and the 2021 Ninth Review Conference. <p>Daniel Feakes, Chief, Implementation Support Unit (ISU) of the BWC, United Nations Office for Disarmament Affairs</p>
10:30 – 10:45	<i>Coffee break</i>
10:45 – 11:45	<p>Scientific and Technological Developments: Biological and Chemical Disarmament in a Technologically Evolving World</p> <ul style="list-style-type: none">• Scientific developments and security concerns;• Technology developments and their driving forces;• Converging sciences;• Opportunities and challenges. <p>Peter Hotchkiss, Senior Science Policy Officer, OPCW</p>
11:45 – 14:00	<i>Break</i>
14:00 - 15:00	<p>Export control regimes</p> <ul style="list-style-type: none">• Nuclear Suppliers Group;• Zangger Committee;• Missile Technology Control Regime;• Wassenaar Agreement;• Australia Group. <p>Dr Ian Stewart, Executive Director, James Martin Center for Nonproliferation Studies, Washington DC office</p>

Day 4 - Chemical Weapons

Thursday 1 October

9:30 – 10:30	<p>The Chemical Weapons Convention</p> <ul style="list-style-type: none">• History leading to its adoption;• Main pillars of the CWC;• New and emerging challenges;• Transition from disarmament to preventing re-emergence. <p>Mr Anthony Henderson, Senior Public Affairs Officer, OPCW</p>
10:30 – 10:50	<i>Coffee break</i>
10:50 – 11:50	<p>The Chemical Weapons Convention's mechanism of verification – From declarations to inspections</p> <ul style="list-style-type: none">• Obligation of state parties;• Verification by the OPCW: three types of inspections;• Addressing non-compliance.

	Gareth Williams , Head, Safety and Analytical Chemistry Cell, OPCW
11:50 – 12:10	<i>Coffee break</i>
12:10 – 13:10	Chemical Terrorism: Threat and Response <ul style="list-style-type: none"> • Addressing the threat of non-State actors; • OPCW assistance mechanisms. Joseph Ballard , Senior Policy Officer, OPCW
13:10 – 14:00	<i>Lunch</i>
14:00 – 15:15	The OPCW Investigation and Identification Team (IIT) <ul style="list-style-type: none"> • Mandate and working methods. Santiago Oñate , Head, Investigation and Identification Team, OPCW

Day 5 - Current Challenges

Friday 2 October

10:00 – 11:00	When Non-Proliferation Fails: Case Study on the Democratic People’s Republic of Korea <ul style="list-style-type: none"> • Motivations behind North Korea’s WMD; • Non-proliferation efforts and why they failed for decades; • Prospects for the future. Prof. Dr Remco Breuker , Leiden University
11:00 – 11:30	<i>Coffee break</i>
11:30 – 12:30	The Islamic Republic of Iran and Nuclear Weapons: What Is Next? <ul style="list-style-type: none"> • Iran’s nuclear programme • Joint Comprehensive Plan of Action (JCPOA) • US sanctions • Role of the IAEA Dr Aniseh Bassiri Tabrizi , Senior Research Fellow, Royal United Services Institute
12:30 - 14:00	<i>Lunch</i>
14:00 - 15:00	The Future of WMD Disarmament and Non-Proliferation (Panel Discussion) Deepti Choubey , Head, Public Affairs, OPCW Ingeborg Denissen , Head Non-Proliferation & Disarmament, Netherlands Ministry of Foreign Affairs Dr Aniseh Bassiri Tabrizi , Senior Research Fellow, Royal United Services Institute Susi Snyder , Project lead No Nukes project, PAX
15:10 - 15:30	<i>Coffee break</i>
15:30 – 16:30	Programme Summary, evaluation, and closing online reception Asser Institute Staff