



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. Ionut Suseanu , Senior Legal Officer, International Atomic Energy Agency

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

Day 4 - Chemical Weapons

Thursday 1 October

9:30 – 10:30	The Chemical Weapons Convention <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. Anthony Henderson , Senior Public Affairs Officer, OPCW
10:30 – 10:50	<i>Coffee break</i>
10:50 – 11:50	The Chemical Weapons Convention's mechanism of verification – From declarations to inspections <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