



Preliminary Programme

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

The Hague, The Netherlands

19 September – 23 September 2022

**Day 1 - General WMD Issues; Nuclear Weapons**

Monday 19 September

8:30 – 9:00	<i>Registration</i>
9:00 – 9:30	<b>Opening and Round of Introductions</b>
9:30 – 10:30	<b>Keynote Address by the Director-General of the Organisation for the Prohibitions of Chemical Weapons,</b>
10:30 – 10:45	<i>Coffee/Tea Break</i>
10:45 - 11:45	<b>Weapons of Mass Destruction (WMD) from a Geo-Political Perspective</b> <ul style="list-style-type: none"><li>▪ The reasons why states pursue WMD;</li><li>▪ WMD and the international order;</li><li>▪ The role of arms control, disarmament and non-proliferation;</li><li>▪ Successes and failures.</li></ul>
11:45 - 12:45	<b>International Law and the Use of Force</b> <ul style="list-style-type: none"><li>▪ The use of force under international law;</li><li>▪ Humanitarian intervention;</li><li>▪ Responsibility to protect;</li><li>▪ Case studies.</li></ul>
12:45 – 13:45	<i>Lunch</i>
13:45 - 14:45	<b>The Future of Nuclear Arms Control and Strategic Stability</b> <ul style="list-style-type: none"><li>• New Start Agreement;</li><li>▪ Intermediate-Range Nuclear Forces Treaty (INF Treaty);</li><li>▪ NATO nuclear deterrent.</li></ul>
14:45 – 15:00	<i>Coffee/Tea Break</i>
15:00 - 16:00	<b>Nuclear Safeguards</b> <ul style="list-style-type: none"><li>▪ Various types of safeguard agreements and their progressive development in view of proliferation cases;</li><li>▪ State-level approach.</li></ul>
16:00 – 16:15	<i>Coffee/Tea Break</i>
16:15 – 17:15	<b>The Comprehensive Nuclear Test Ban Treaty</b> <ul style="list-style-type: none"><li>▪ History leading to the adoption of the treaty;</li></ul>

	<ul style="list-style-type: none"> <li>▪ International Monitoring System;</li> <li>▪ Current challenges and policy issues.</li> </ul>
18:00	<i>Opening Dinner</i>

## Day 2 - Nuclear Weapons

Tuesday 20 September

9:00 - 10:00	<b>The Treaty on the Prohibition of Nuclear Weapons (TPNW)</b> <ul style="list-style-type: none"> <li>▪ Humanitarian Initiative;</li> <li>▪ UN Open-Ended Working Group;</li> <li>▪ UN Negotiations;</li> <li>▪ Aim and effectivity of treaty.</li> </ul>
10:00 - 10:15	<i>Coffee/Tea Break</i>
10:15 - 11:15	<b>The Nuclear Non-Proliferation Treaty (NPT)</b> <ul style="list-style-type: none"> <li>▪ History leading to the adoption of the treaty;</li> <li>▪ Three pillars of NPT;</li> <li>▪ Review Conferences and 1995 extension;</li> <li>▪ Current state of play.</li> </ul>
11:15 - 12:15	<b>The Emerging and Disruptive Technology Challenge to Nuclear Order</b> <ul style="list-style-type: none"> <li>▪ Overview of most risky emerging technologies for nuclear stability;</li> <li>▪ Shift from State-based threats to private sector;</li> <li>▪ Nuclear risk reduction strategies for emerging technologies.</li> </ul>
12:15 - 13:00	<i>Lunch</i>
13:00 - 14:00	<i>Transport to the Technical University (TU) Delft Nuclear Research Reactor</i>
14:00 - 17:30	<b>Field Visit: TU-Delft Nuclear Research Reactor</b>
17:30 - 18:30	<i>Transport from TU-Delft Nuclear Research Reactor to the Asser Institute</i>

## Day 3 - Biological and Chemical Weapons; Export Controls

Wednesday 21 September

9:00 - 10:30	<b>The Biological Weapons Convention</b> <ul style="list-style-type: none"> <li>▪ Treaty, regulations and codes of conduct;</li> <li>▪ The Implementation Support Unit;</li> <li>▪ Intersessional meetings;</li> <li>▪ Current challenges and policy issues.</li> </ul>
10.30 - 10.45	<i>Coffee/Tea Break</i>
10:45 - 12:30	<b>Export Control Regimes</b> <ul style="list-style-type: none"> <li>▪ Nuclear Suppliers Group;</li> <li>▪ Zangger Committee;</li> <li>▪ Missile Technology Control Regime;</li> <li>▪ Wassenaar Agreement;</li> <li>▪ Australia Group.</li> </ul>
12:30 - 13:30	<i>Lunch</i>
13:30 - 15:45	<b>Simulation Exercise on Arms Control Law</b>
15.45 - 16:00	<i>Coffee/Tea Break</i>

16:00 - 17:15	<b>Scientific and Technological Developments: Biological and Chemical Disarmament in a Technologically Evolving World</b> <ul style="list-style-type: none"> <li>▪ Scientific developments and security concerns;</li> <li>▪ Technology developments and their driving forces;</li> <li>▪ Converging sciences;</li> <li>▪ Opportunities and challenges.</li> </ul>
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#### Day 4 - Chemical Weapons

Thursday 22 September

9:00 – 9:30	<i>Welcome at the OPCW building, small tour through main halls.</i>
9:30 – 10:30	<b>The Chemical Weapons Convention</b> <ul style="list-style-type: none"> <li>▪ History lead to the adoption of the treaty;</li> <li>▪ Main pillars of the CWC;</li> <li>▪ New and emerging challenges</li> <li>▪ Transition from disarmament to preventing re-emergence.</li> </ul>
10:30 – 10:45	<i>Coffee/Tea break</i>
10:45 – 11:45	<b>The Chemical Weapon's Convention's Mechanism of Verification – From Declarations to Inspections</b> <ul style="list-style-type: none"> <li>▪ Obligation of States Parties;</li> <li>▪ Verification by the OPCW: three types of inspections;</li> <li>▪ Addressing non-compliance.</li> </ul>
11:45 – 12:45	<b>Chemical Terrorism: Threat and Response</b> <ul style="list-style-type: none"> <li>▪ Addressing the threat of non-State actors;</li> <li>▪ OPCW assistance mechanisms.</li> </ul>
12:45 – 13:45	<i>Lunch</i>
13:45 - 14:30	<b>Upholding the Chemical Weapons Convention: The work of the OPCW Investigation and Identification Team (IIT)</b> <ul style="list-style-type: none"> <li>▪ Mandate and working methods.</li> </ul>
14:30 - 15:15	<i>Travel from OPCW HQ to the OPCW Laboratory and Equipment Store</i>
15:15 - 17:00	<b>Field Visit: OPCW Laboratory and Equipment Store in Rijswijk</b>
17:00 – 17:45	<i>Travel from the OPCW Laboratory and Equipment Store to the Asser Institute</i>

#### Day 5 - Current Challenges

Friday 23 September

9:00 – 10:00	<b>Unsubstantiated Claims of Chemical and Biological Weapon Use in International Armed Conflicts</b> <ul style="list-style-type: none"> <li>▪ Allegations of chemical and biological weapon use in recent conflict;</li> <li>▪ Potential bases for the allegations;</li> <li>▪ False flag attacks;</li> <li>▪ Reactions of the international community to the allegations.</li> </ul>
10:00 – 10:15	<i>Coffee/Tea Break</i>
10:15 – 11:15	<b>Non-Proliferation Case Study: The DPRK Nuclear Issue</b>

	<ul style="list-style-type: none"> <li>▪ Motivations behind North Korea's WMD;</li> <li>▪ Non-Proliferations efforts and why they failed for decades;</li> <li>▪ Prospects for the future.</li> </ul>
11:15 - 12:15	<b>Negotiating Arms Control Treaties: The Treaty on the Prohibition of Nuclear Weapons (TNPW)</b>
12:15 - 13:15	<i>Lunch</i>
13:15 - 15:15	<b>Law-making and Treaty Negotiation for WMD Disarmament and Non-Proliferation (Panel Discussion)</b>
15:15 - 15:30	<i>Coffee/Tea Brea</i>
15:30 - 16:30	<b>Programme Summary and Evaluation</b> Asser Institute Staff
16:30 - 18:00	<b>Closing Reception</b>