

**ASSER**  
INSTITUTE

*Centre for International & European Law*



# **Disarmament and Non-Proliferation of Weapons of Mass Destruction in a Changing World**

**4 to 8 September 2017**

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## **Objectives of the Programme:**

- Providing hands-on knowledge of the diplomatic, legal, and technical aspects of disarmament and non-proliferation across nuclear, chemical and biological weapons and threats;
- Offering insight into the work of seasoned WMD professionals; and
- Providing unique networking opportunities with speakers and participants from diverse backgrounds.

## The Eighth Annual WMD Summer Programme

Monday 4 September: Overview on Weapons of Mass Destruction (WMD)		
08.30 – 09.00	Registration	
09.00 – 09.30	<b>Opening &amp; Round of Introductions</b>	<p><b>Deepti Choubey</b> Head, Public Affairs, OPCW</p> <p><b>Sico van der Meer</b> Research Fellow, T.M.C. Asser Institute &amp; Netherlands Institute of International Relations 'Clingendael'</p>
09.30 – 10.30	<b>Keynote Address by the Director-General of the Organisation for the Prohibition of Chemical Weapons, Ambassador Ahmet Üzümcü</b>	
10.30 – 10.45	<i>Coffee break</i>	
10.45 – 12.15	<b>WMD from a Geo-Political Perspective</b> <ul style="list-style-type: none"> <li>• The reasons why states pursue WMD;</li> <li>• WMDs and the international order;</li> <li>• The role of arms control, disarmament and non-proliferation;</li> <li>• Case studies.</li> </ul>	<p><b>Sico van der Meer</b> Research Fellow, T.M.C. Asser Instituut &amp; Netherlands Institute of International Relations 'Clingendael'</p>
12.15 – 13.15	<i>Lunch</i>	
13.15 – 14.30	<b>International Humanitarian Law and WMD</b> <ul style="list-style-type: none"> <li>• Jus in bello and weapons law;</li> <li>• Restrictions on the use of nuclear weapons;</li> <li>• Prohibitions on the use of chemical and biological weapons;</li> <li>• Humanitarian Nuclear Weapons Initiative.</li> </ul>	<p><b>Onur Güven</b> Independent Researcher</p>
14.30 – 14:45	<i>Coffee break</i>	
14:45 – 16.00	<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>• The Responsibility2Protect;</li> <li>• Case studies.</li> </ul>	<p><b>Dr Niels van Willigen</b> Associate Professor in International Relations, Leiden University</p>
16.00 – 16.15	<i>Coffee break</i>	
16.15 – 17.15	<b>Scientific and Technological Aspects of Nuclear Weapons</b>	<p><b>Marcel Schouwenburg</b> Senior Lecturer, Faculty of Applied Sciences, Reactor Institute Delft, Delft University</p>
18.00	<b>Opening Dinner</b>	

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Tuesday 5 September: Disarmament and Non-Proliferation of Nuclear Weapons		
09.00 – 10.00	<b>Nuclear Non-Proliferation Treaty</b> <ul style="list-style-type: none"> <li>• History leading to its adoption;</li> <li>• Three pillars of the NPT;</li> <li>• Review Conferences and 1995 extension;</li> <li>• Current state of play.</li> </ul>	<b>Laura Rockwood</b> Executive Director, Vienna Center for Disarmament and Non- Proliferation
10.00 – 10.15	<i>Coffee break</i>	
10.15 – 11.15	<b>Nuclear Safeguards</b> <ul style="list-style-type: none"> <li>• The various types of safeguard agreements and their progressive development in view of proliferation cases;</li> <li>• State-level approach.</li> </ul>	<b>Laura Rockwood</b> Executive Director, Vienna Center for Disarmament and Non- Proliferation
11.15 – 11.30	<i>Coffee break</i>	
11.30 – 12.30	<b>Nuclear Ban Treaty Negotiations</b> <ul style="list-style-type: none"> <li>• Humanitarian Initiative;</li> <li>• UN Open Ended Working Group;</li> <li>• UN Negotiations;</li> <li>• Aim &amp; Effectiveness of Ban Treaty.</li> </ul>	<b>Susi Snyder</b> Manager Nuclear Disarmament Programme, PAX
12.30 – 13.30	<i>Lunch</i>	
13.30 – 14.30	<b>Comprehensive Nuclear Test Ban Treaty at 20 years</b> <ul style="list-style-type: none"> <li>• History;</li> <li>• Current challenges and policy issues;</li> <li>• Nuclear Weapon Free Zones.</li> </ul>	<b>Oliver Meier</b> Deputy Head, International Security Division, German Institute for International and Security Affairs (SWP)
14.30-14:45	<i>Coffee Break</i>	
14:45-15:45	<b>A Fissile Materials Cut-off Treaty (FMCT) and its Importance for Nuclear Arms Control</b> <ul style="list-style-type: none"> <li>• Why and how to prohibit the production of fissile materials;</li> <li>• What are the prospects of an international agreement?</li> </ul>	<b>Piet de Klerk</b> Ambassador at Large (Member of UN High- level Fissile Material Cut-off Treaty Expert Preparatory Group), Netherlands Ministry of Foreign Affairs
15:45-16:00	<i>Coffee Break</i>	
16:00-17:00	<b>US-Russia Relations and Their Influence on International Arms Control</b> <ul style="list-style-type: none"> <li>• New Start Agreement;</li> <li>• Intermediate-Range Nuclear Forces Treaty (INF Treaty);</li> <li>• Future of NATO nuclear deterrent.</li> </ul>	<b>Oliver Meier</b> Deputy Head, International Security Division, German Institute for International and Security Affairs (SWP)
17:00-18:00	<b>Short visit to OPCW Headquarters – including travel time (facultative)</b>	<b>OPCW Staff</b>

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## The Eighth Annual WMD Summer Programme

<b>Wednesday 6 September: Biological and Chemical Weapons; Export Controls</b>		
09.00 – 10.15	<b>The Biological Weapons Convention at crossroads</b> <ul style="list-style-type: none"> <li>Treaties, regulations, codes of conduct;</li> <li>The Implementation Support Unit;</li> <li>Intersessional meetings;</li> <li>Current challenges and policy issues.</li> </ul>	<b>Daniel Feakes</b> Chief, Biological Weapons Convention Implementation Support Unit
10.00 – 10.15	<i>Coffee break</i>	
10.15 – 11.15	<b>Scientific and Technological Developments: (Bio)chemical disarmament in a technologically evolving world</b> <ul style="list-style-type: none"> <li>Scientific development and security concerns;</li> <li>Technology development and its driving forces;</li> <li>Converging sciences;</li> <li>Opportunities and challenges</li> </ul>	<b>Dr Jonathan Forman</b> Science Advisor, OPCW
11.15 – 11.30	<i>Coffee break</i>	
11.30 – 12.45	<b>The Role of Science in (Bio)Chemical Disarmament</b> <ul style="list-style-type: none"> <li>Scientific underpinning of treaty implementation;</li> <li>Scientific communities in disarmament;</li> <li>Need for and role of science in policy;</li> <li>Science advice mechanisms in the Chemical and Biological Weapons Conventions.</li> </ul>	<b>Dr Jonathan Forman</b> Science Advisor, OPCW
12.45 – 13.45	<i>Brownbag lunch:</i> Professional opportunities in the sphere of WMD	<b>Steven Danilewicz</b> Head of Strategic Recruitment and Workforce Management, OPCW
13:45 – 15:00	<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>	<b>Dr Sibylle Bauer</b> Director, Dual-Use and Arms Trade Control Programme, Stockholm International Peace Research Institute (SIPRI)
15.00 – 15:15	<i>Coffee break</i>	
15:15 – 17.15	<b>Simulation Exercise on Export Controls</b>	<b>Dr Sibylle Bauer</b> Director, Dual-Use and Arms Trade Control Programme, Stockholm International Peace Research Institute (SIPRI)

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## The Eighth Annual WMD Summer Programme

<b>Thursday 7 September: Disarmament and Non-Proliferation of Chemical Weapons</b>		
09.00 – 10.00	<b>The Chemical Weapons Convention</b> <ul style="list-style-type: none"> <li>History leading to its adoption;</li> <li>Main pillars of the CWC;</li> <li>New and emerging challenges;</li> <li>Transition in focus from disarmament to non-proliferation.</li> </ul>	<b>Karim Hammoud,</b> Senior Legal Officer, OPCW
10.15 – 10.15	<i>Coffee break</i>	
10.15 – 11.00	<b>The OPCW: Mechanism of Verification from declarations to inspection</b> <ul style="list-style-type: none"> <li>Obligation of state parties;</li> <li>Verification by the OPCW: three types of inspections;</li> <li>Addressing non-compliance.</li> </ul>	<b>Philippe Denier,</b> Director, Verification Division, OPCW
11.00 – 11.15	<i>Coffee break</i>	
11.15 – 12.45	<b>Chemical Terrorism: Threat and Response</b>	<b>Joseph Ballard,</b> Senior Policy Officer, OPCW  <b>Magnus Backlund,</b> Inspector (Chemical Weapons/Munitions Specialist), OPCW
12.45 – 13.45	<i>Lunch</i>	
13.45 – 14.30	<i>Travel to field visit</i>	
14.30 – 17.00	<b>Field visit: OPCW laboratory and equipment store in Rijswijk</b>	OPCW Laboratory Team

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## The Eighth Annual WMD Summer Programme

Friday 8 September: Field Visit Nuclear Reactor; Current Challenges		
08.00 – 12.30	<b>Field visit: TU-Delft Nuclear Research Reactor</b>	<b>Marcel Schouwenburg</b> Senior Lecturer, Faculty of Applied Sciences, Reactor Institute Delft, Delft University
12.30 – 13.15	<i>Lunch</i>	
13.15 – 14.15	<b>Personal Experiences from WMD Diplomacy: Chairing the NPT Preparatory Committee (PrepCom) 2017</b>	<b>Marjolijn van Deelen</b> Head Non-Proliferation & Disarmament, Netherlands Ministry of Foreign Affairs
14:15 – 14:30	<i>Coffee Break</i>	
14.30 – 15.45	<b>An International Order in Transition: Prospects for WMD Disarmament and Non-Proliferation (Panel Discussion)</b>	<b>Deepti Choubey</b> Head, Public Affairs, OPCW  <b>Marjolijn van Deelen</b> Head Non-Proliferation & Disarmament, Netherlands Ministry of Foreign Affairs  <b>Susi Snyder</b> Manager Nuclear Disarmament Programme, PAX  <b>Sico van der Meer</b> Research Fellow, T.M.C. Asser Instituut & Netherlands Institute of International Relations 'Clingendael'
15.45 – 16.00	<i>Coffee break</i>	
16.00 – 17.00	<b>Programme summary and evaluation</b>	
17.00 – 18.30	<b>Closing reception with closing remarks and handover of certificates by the Deputy Director-General of the Organisation for the Prohibition of Chemical Weapons, Mr Hamid Ali Rao</b>	

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