

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

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 Eight Annual WMD Summer Programme

| Monday 4 September: Overview on Weapons of Mass Destruction (WMD) | | |
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| 08.30 – 09.00 | Registration | |
| 09.00 – 09.30 | Opening & Round of Introductions | <p>Deepti Choubey Head, Public Affairs, OPCW</p> <p>Sico van der Meer Research Fellow, T.M.C. Asser Institute & Netherlands Institute of International Relations 'Clingendael'</p> |
| 09.30 – 10.30 | Keynote Address by the Director-General of the Organisation for the Prohibition of Chemical Weapons, Ambassador Ahmet Üzümcü | |
| 10.30 – 10.45 | <i>Coffee break</i> | |
| 10.45 – 12.15 | <p>WMD from a Geo-Political Perspective</p> <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; • Case studies. | <p>Sico van der Meer Research Fellow, T.M.C. Asser Institute & Netherlands Institute of International Relations 'Clingendael'</p> |
| 12.15 – 13.15 | <i>Lunch</i> | |
| 13.15 – 14.30 | <p>International Humanitarian Law and WMD</p> <ul style="list-style-type: none"> • Jus in bello and weapons law; • Restrictions on the use of nuclear weapons; • Prohibitions on the use of chemical and biological weapons; • Humanitarian Nuclear Weapons Initiative. | <p>Onur Güven Independent Researcher</p> |
| 14.30 – 14:45 | <i>Coffee break</i> | |
| 14:45 – 16.00 | <p>International Law and the Use of Force</p> <ul style="list-style-type: none"> • The use of force under international law; • Humanitarian Intervention; • The Responsibility to Protect; • Case studies. | <p>Dr Niels van Willigen Associate Professor in International Relations, Leiden University</p> |
| 16.00 – 16.15 | <i>Coffee break</i> | |
| 16.15 – 17.15 | <p>Scientific and Technological Aspects of Nuclear Weapons</p> <ul style="list-style-type: none"> • How do nuclear weapons work? • What is involved in their production? • What is necessary for their deployment, and their control? | <p>Marcel Schouwenburg Senior Lecturer, Faculty of Applied Sciences, Reactor Institute Delft, Delft University</p> |

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| | <ul style="list-style-type: none"> • Could a non-state actor (such as a terrorist group) make/use a nuclear explosive? | |
| 18.00 | Opening Dinner | |

| Tuesday 5 September: Disarmament and Non-Proliferation of Nuclear Weapons | | |
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| 09.00 – 10.00 | Nuclear Non-Proliferation Treaty <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. | Laura Rockwood Executive Director, Vienna Center for Disarmament and Non- Proliferation |
| 10.00 – 10.15 | <i>Coffee break</i> | |
| 10.15 – 11.15 | Nuclear Safeguards <ul style="list-style-type: none"> • The various types of safeguard agreements and their progressive development in view of proliferation cases; • State-level approach. | Laura Rockwood Executive Director, Vienna Center for Disarmament and Non- Proliferation |
| 11:15 – 11.30 | <i>Coffee break</i> | |
| 11.30 – 12.30 | Nuclear Ban Treaty Negotiations <ul style="list-style-type: none"> • Humanitarian Initiative; • UN Open Ended Working Group; • UN Negotiations; • Aim & Effectiveness of Ban Treaty. | Susi Snyder Manager Nuclear Disarmament Programme, PAX |
| 12:30 – 13:30 | <i>Lunch</i> | |
| 13:30– 14:30 | Comprehensive Nuclear Test Ban Treaty at 20 years <ul style="list-style-type: none"> • History; • Current challenges and policy issues; • Nuclear Weapon Free Zones. | Oliver Meier 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 | A Fissile Materials Cut-off Treaty (FMCT) and its Importance for Nuclear Arms Control <ul style="list-style-type: none"> • Why and how to prohibit the production of fissile materials; • What are the prospects of an international agreement? | Piet de Klerk Ambassador at Large (Member of UN High- level Fissile Material Cut-off Treaty Expert Preparatory Group), Netherlands Ministry of Foreign Affairs |

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| 15:45-16:00 | <i>Coffee Break</i> | |
| 16:00-17:00 | US-Russia Relations and Their Influence on International Arms Control <ul style="list-style-type: none"> • New Start Agreement; • Intermediate-Range Nuclear Forces Treaty (INF Treaty); • Future of NATO nuclear deterrent. | Oliver Meier Deputy Head, International Security Division, German Institute for International and Security Affairs (SWP) |

| Wednesday 6 September: Biological and Chemical Weapons; Export Controls | | |
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| 09.00 – 10.15 | The Biological Weapons Convention at crossroads <ul style="list-style-type: none"> • Treaties, regulations, codes of conduct; • The Implementation Support Unit; • Intersessional meetings; • Current challenges and policy issues. | TBC |
| 10.00 – 10.15 | <i>Coffee break</i> | |
| 10.15 – 11.15 | Scientific and Technological Development: Opportunities and Challenges to Chemical and Biological Disarmament: <ul style="list-style-type: none"> • Converging sciences; • Technology development; • (Bio)chemical disarmament in a technologically evolving world. | TBC |
| 11.15 – 11.30 | <i>Coffee break</i> | |
| 11.30 – 12.45 | Life Sciences, Chemistry and Disarmament <ul style="list-style-type: none"> • Scientific underpinning of treaty implementation; • Scientific development and security concerns; • Need for and role of science in policy. | Dr Jonathan Forman Science Advisor, OPCW |
| 12.45 – 13.45 | <i>Brownbag lunch:</i> Professional opportunities in the sphere of WMD | TBC |
| 13:45 – 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 Sibylle Bauer Director, Dual-Use and Arms Trade Control Programme, Stockholm International Peace Research Institute (SIPRI) |

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| 15.00 – 15:15 | <i>Coffee break</i> | |
| 15:15 – 17.15 | Simulation Exercise on Export Controls | Dr Sibylle Bauer Director, Dual-Use and Arms Trade Control Programme, Stockholm International Peace Research Institute (SIPRI) |

| Thursday 7 September: Disarmament and Non-Proliferation of Chemical Weapons | | |
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| 09.00 – 10.00 | 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 in focus from disarmament to non-proliferation. | Karim Hammoud, Senior Legal Officer, OPCW |
| 10.15 – 10.15 | <i>Coffee break</i> | |
| 10.15 – 11.00 | The OPCW: Mechanism of Verification from declarations to inspection <ul style="list-style-type: none"> Obligation of state parties; Verification by the OPCW: three types of inspections; Addressing non-compliance. | Philippe Denier, Director, Verification Division, OPCW |
| 11.00 – 11.15 | <i>Coffee break</i> | |
| 11.15 – 12.45 | Chemical Terrorism: Threat and Response | Joseph Ballard, Senior Policy Officer, OPCW Mehran Rouzbahani, Head of Capacity Building and Contingency Planning Cell, OPCW |
| 12.45 – 13.45 | <i>Lunch</i> | |
| 13.45 – 14.30 | <i>Travel to field visit</i> | |
| 14.30 – 17.00 | Field visit: OPCW laboratory and equipment store in Rijswijk | OPCW Laboratory Team |

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

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| 17.00 – 18.30 | 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 | |
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