



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

4 to 9 September 2016

Sunday 4 September: Welcome		
17.00 - 18.00	Welcome and reception	

The Seventh Annual WMD Summer Programme

Monday 5 September: Overview on Weapons of Mass Destruction (WMD)		
08.30 – 09.00	Registration	
09.00 – 09.30	Opening	Tanya Mehra T.M.C. Asser Instituut Deepti Choubey OPCW
09.30 – 10.30	Preventing Re-emergence of Chemical Weapons: Lessons for Non-Proliferation	Keynote speaker Hamid Ali Rao Deputy Director General OPCW
10.30 – 10.45	<i>Coffee break</i>	
10.45 – 12.15	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; • Case studies. 	Dr Oliver Meier Senior Research Fellow German Institute for International & Security Affairs
12.15 – 13.15	<i>Lunch</i>	
13.15 – 14.45	International Law and the Use of Force <ul style="list-style-type: none"> • The use of force under international law; • Humanitarian Intervention; • The Responsibility to Protect; • Case studies. 	Niels van Willigen Assistant Professor in International Relations Leiden University
14.45 – 15.00	<i>Coffee break</i>	
15.00 – 16.00	International Humanitarian Law and WMD <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. 	Onur Güven Researcher T.M.C. Asser Instituut
16.00 – 16.15	<i>Coffee break</i>	
16.15 – 17.15	Scientific and Technological Aspects of Nuclear Weapons <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? • Could a non-state actor (such as a terrorist group) make/use a nuclear explosive? 	Marcel Schouwenburg Senior Lecturer TU Delft / Faculty of Applied Sciences / Reactor Institute Delft
18.00	Opening Dinner	

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Tuesday 6 September: Disarmament and Non-Proliferation of Nuclear Weapons + Field Visit		
09.00 – 10.45	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. 	Andreas Persbo Executive Director Vertic
10.45 – 11.00	<i>Coffee break</i>	
11.00 – 12.00	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
12.00 – 12.15	<i>Coffee break</i>	
12.15 – 13.15	Iran Nuclear Deal: Implementation Challenges <ul style="list-style-type: none"> Joint Comprehensive Plan of Action (JCPOA); Verification regime; Break-out time concept. 	Laura Rockwood Executive Director Vienna Center for Disarmament and Non-Proliferation
13.15 – 14.00	<i>Lunch in bus</i>	
14.15 – 17.00	Field visit: TU-Delft Nuclear Research Reactor	

Wednesday 7 September: Disarmament and Non-Proliferation of Nuclear and Biological Weapons		
09.00 – 10.15	Comprehensive Nuclear Test Ban Treaty <ul style="list-style-type: none"> Current challenges and policy issues; Nuclear Weapon Free Zones. 	Andreas Persbo Executive Director Vertic
10.15 – 10.30	<i>Coffee break</i>	
10.30 – 11.30	The Importance of a Fissile Materials (Cut-off) Treaty for Nuclear Disarmament <ul style="list-style-type: none"> Why and how to prohibit the production of fissile materials; What are the prospects of an international agreement? 	Paul Walker International Program Director Environmental Security and Sustainability Program Green Cross International

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		<p>Ambassador Nölke</p> <p>Ambassador of Canada to the Kingdom of the Netherlands</p> <p>Permanent Representative of Canada to the Organization for the Prohibition of Chemical Weapons</p>
11.30 – 11.45	<i>Coffee break</i>	
11.45 – 12.30	<p>Nuclear Security Summit 2016: Working Towards a Global Nuclear Architecture</p> <ul style="list-style-type: none"> • Minimise the use of highly-enriched uranium; • Secure vulnerable materials; • Counter nuclear smuggling; • Deter, detect, and disrupt attempts of nuclear terrorism. 	<p>Paul Walker International Program Director</p> <p>Environmental Security and Sustainability Program Green Cross International</p>
12.30 – 13.30	<p><i>Brownbag lunch:</i> Professional opportunities in the sphere of WMD</p>	<p>Steven Danilewicz Head of Strategic Recruitment and Workforce Management</p> <p>OPCW</p>
13.45 – 14.30	<p>Life Sciences, Chemistry and Disarmament</p> <ul style="list-style-type: none"> • Scientific underpinning of treaty implementation; • Scientific development and security concerns; • Need for and role of science in policy. 	<p>Alastair Hay Professor of Environmental Toxicology</p> <p>University of Leeds</p>
14.30 – 14.45	<i>Coffee break</i>	
14.45 – 17.30 (incl. coffee break)	<p>Biological Weapons</p> <ul style="list-style-type: none"> • Treaties, regulations, codes of conduct; • The Implementation Support Unit; • Intersessional meetings; • Current challenges and policy issues. 	<p>Richard Guthrie Independent authority on chemical and biological weapons and frequent media commentator on the situation in Syria</p>

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Thursday 8 September: Disarmament and Non-Proliferation of Chemical Weapons + Field Visit		
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. 	Grant Dawson Principal Legal Officer, Office of the Legal Adviser 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 of the Verification Division OPCW
11.00 – 11.15	<i>Coffee break</i>	
11.15 – 12.45	The Use of Chemical Weapons in Syria and Iraq <ul style="list-style-type: none"> • The impact on public health; • Security aspects; • The experience of inspectors. 	Aamir Shouket Deputy Chief of Cabinet, Office of the Director-General 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	

Friday 9 September: Multi Stakeholder Approaches to WMD Diplomacy & Current Challenges		
09.00 – 10.30	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. 	Ralf Trapp International Disarmament Consultant
10.30 – 10.45	<i>Coffee break</i>	

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10.45 – 12.00	<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 Sibylle Bauer Director, Dual-use and Arms Trade Control Programme</p> <p>Stockholm International Peace and Research Institute</p>
12.00 – 13.00	<i>Lunch</i>	
13.00 – 14.30	Simulation exercise	<p>Dr Sibylle Bauer Director, Dual-use and Arms Trade Control Programme</p> <p>Stockholm International Peace and Research Institute</p>
14.30 – 15.45	<p>Broadening the Community of Stakeholders in WMD Disarmament and Non-Proliferation</p> <ul style="list-style-type: none"> • How to enhance the impact of scientific advice on policy; • Obligations of diplomacy in sourcing expert advice; • Role of civil society. 	<p>Moderator: Deepti Choubey Head of Public Affairs and OPCW Spokesperson</p> <p>Susi Snyder Nuclear Disarmament Programme Manager</p> <p>Elisabeth Wächter Chief</p> <p>CTBTO Public Information</p>
15.45 – 16.00	<i>Coffee break</i>	
16.00 – 16.30	Programme summary and evaluation – Open Session	
17.00 – 18.30	Closing reception	

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