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| Chair: H.E. Ambassador Michael Biontino (Germany) |
| <u>General Debate: Monday 11 April 10:00a.m. – 1:00 p.m.</u> |
| <ul style="list-style-type: none"> • build on the debate from the first two Informal Meetings of Experts in 2014 and 2015 • share positions on national policies and national legal provisions • the way the CCW could deal with lethal autonomous weapons systems |
| Chair: H.E. Ambassador Alice Guitton (France) |
| <u>Mapping autonomy: Monday 11 April 3:00p.m – 6p.m.</u> |
| <p>The following points will be discussed:</p> <ul style="list-style-type: none"> (a) current developments in the civilian sphere; (b) case studies on maritime, aerial and terrestrial autonomous systems, including standard operating procedures and human machine interaction; (c) current developments in the military sphere; (d) transparency issues. |
| <p>David Hyunchul Shim, Intelligent UAV National Defense Laboratory (ADD), Dept. of Aerospace Engineering, KAIST University, South Korea</p> <p>Vincent Boulanin, Stockholm International Peace Research Institute (SIPRI), Sweden</p> <p>Heather M. Roff, Department of Politics and International Relations at the University of Oxford and Global Security Initiative at Arizona State University, UK and US</p> <p>Markus Höpflinger, Armasuisse, Federal Department of Defence, Civil Protection and Sport, Switzerland</p> <p>Didier Danet, Saint Cyr Coëtquidan Military Academy, France</p> <p>Leon Kester, Nederlandse Organisatie voor Toegepast natuurwetenschappelijk onderzoek (TNO)/ Netherlands Organisation for Applied Scientific Research, Netherlands</p> |
| Chair: H.E. Ambassador Inchul Kim (Republic of Korea) |
| <u>Towards a working definition of LAWS: Tuesday 12 April 10:00a.m. – 1:00 p.m.</u> |
| <p>Concepts are to be discussed with a view to refine them and to identify first approaches to operationalize them, including:</p> <ul style="list-style-type: none"> (a) “Critical functions” (b) “Autonomy” (c) “Predictability” |

Gro Nystuen, Center on International Humanitarian Law, International Law and Policy Institute (ILPI) in Oslo, Norway

Chris Jenks, SMU Dedman school of law in Dallas, Texas, US

Lucy Suchman, Lancaster University and international Society for Social Studies of Science (4S)

Wendell Wallach, Yale Interdisciplinary Center for Bioethics, US

Chair: H.E. Ambassador Beatriz Londono Soto (Colombia)

Towards a working definition of LAWS (continued): Tuesday 12 April 03:00p.m. - 06:00 p.m.

Concepts are to be discussed with a view to refine them and to identify first approaches to operationalize them, including:

- (a) “Indicator based approaches”
- (b) “Meaningful human control”
- (c) “Human judgment

Anja Dahlmann, Stiftung Wissenschaft und Politik (SWP)– German Institute for International and Security Affairs, Germany

Richard Moyes, Article 36, UK

Merel Ekelhof, VU University Amsterdam, Netherlands

Dan Saxon, Leiden University College in The Hague, Netherlands

Chair: H.E. Ambassador Urs Schmid (Switzerland)

Challenges to International Humanitarian Law: Wednesday 13 April 10:00 a.m. – 01:00 p.m. and continued from 03:00p.m.-06:00 pm

- (a) State presentations on current procedures, with an emphasis on possible best practices and/or benchmarks concerning Art 36;
- (b) Challenges to Art 36 due to LAWS, including in terms of targeting law, means of warfare and military doctrines;
- (c) Human-machine interaction in terms of various degrees of autonomy as well as political and legal responsibility for actions of autonomous systems;

Gilles Giacca, Arms Unit, Legal Division, ICRC

Lieutenant Colonel Christopher M. Ford, Stockton Center for the Study of International Law, the United States Naval War College, US

Kimberley Trapp, Faculty of Laws, University College London, UK

Neha Jain, University of Minnesota, US

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| Chair: H.E. Ambassador Päivi Kairamo (Finland) |
| <u>Challenges to International Humanitarian Law (continued): Wednesday 13 April 3:00p.m.- 06:00 pm</u> |
| (d) Accountability in case of violation of IHL (e) Transparency issues, including relevant standards concerning resilience against programming and deployment errors as well as vulnerability to cyber attacks; (f) Testing and verification procedures/ best practices to ensure compliance with IHL, including a discussion of testing and evaluation of autonomous civilian systems. |
| Robin Geiß , University of Glasgow, UK Cecile Hellestveit , International Law and Policy Institute (ILPI) Roberta Arnold , former legal adviser on the Laws of Armed Conflict, Federal Attorney General's Office Martin Hagström , Swedish Defence Research Agency (FOI), Sweden |
| Chair: H.E. Ambassador Marta Maurás (Chile) |
| <u>Human rights and ethical issues: Thursday 14 April 10:00 a.m. – 1:00 p.m.</u> |
| (a) Human rights and ethical and issues in different scenarios (e.g. maritime/submarine, aerial and terrestrial environments) (b) social acceptance of autonomous systems in general and in the military sphere in particular |
| Christof Heyns , University of Pretoria, South Africa Eliav Lieblich , Radzyner Law School, Interdisciplinary Center, Herzliya, Israel Danièle Bourcier , Centre national de la recherche scientifique (CNRS), Centre d'Études et de Recherches de Science Administrative (CERSA), France Pablo Kalmanovitz , Universidad de los Andes in Bogotá, Colombia |
| Chair: H.E. Ambassador Yvette Stevens (Sierra Leone) |
| <u>Security Issues: Thursday 14 April 03:00 p.m. – 06:00 p.m.</u> |
| (a) Possible regional and/or global destabilization due to the deployment of LAWS |
| Jayantha Dhanapala , President of the Pugwash Conferences on Science and World Affairs Vadim Kozyulin , PIR Center, Russia Denise Garcia , Department of Political Science and the International Affairs program, Northeastern University in Boston, US Eneken Tikk-Ringas , International Institute for Strategic Studies (IISS). |
| Chair: H.E. Ambassador Ravinatha Aryasinha (Sri Lanka) |
| <u>Security issues (Continued): Friday 15 April 10:00 a.m. – 12:00 p.m.</u> |

(b) Proliferation risks, including concerning non-state actors and terrorists
 (c) Military value/risks of the deployment of LAWS in different scenarios (e.g. regional or asymmetrical conflicts, homeland defence)

Jai Galliot, University of New South Wales in Sydney, Australia.

Katrine Nørgaard, Institute of Leadership and Organization, Royal Danish Defense College

Collin S. L. Koh, S. Rajaratnam School of International Studies, Nanyang Technological University, Singapore

John Borrie, UNIDIR and Institute of International Affairs (Chatham House).

Chair: Chair: H.E. Ambassador Michael Biontino (Germany)

Concluding Session: Friday 15 April 12:00 p.m. – 01:00 p.m. & 03:00 p.m. – 06:00 p.m.

- Oral summaries of the respective sessions
- Discussion and possible adoption of consensual recommendations (Footnote: a draft of possible consensual recommendations will be presented by the chair of the Informal Meeting of Experts at the earliest convenient time be the subject of informal consultation among CCW states parties)
- Preliminary presentation of the report
- Final statements