



College of Europe
Collège d'Europe



Natolin



ICRC

Technological Challenges for the humanitarian legal framework

11th Bruges Colloquium – 21st-22nd October 2010

Simultaneous translation into French and English will be provided
Traduction simultanée anglais/français

DAY 1: Thursday, 21st October

9:00 – 9:30	Registration and Coffee
9:30 – 9:40	Welcome address by Prof. Paul Demaret , Rector of the College of Europe
9:40 – 9:50	Welcome address by Mr. Francois Bellon , Head of Delegation, ICRC Brussels
9:50 – 10:10	Keynote address by Ms. Christine Beerli , Vice-President of the ICRC
10:10 – 10:30	Coffee break
SESSION ONE:	NEW TECHNOLOGY ON THE BATTLEFIELD Chair person: Marten Zwanenburg , Ministry of Defence, The Netherlands
10:30 – 10:50	Technology: What exists? What's to come? Speaker: Götz Neuneck , Institute for Peace, Research and Security Policy, Hamburg
10:50 – 11:10	Current challenges in the legal regulation of the means of warfare Speaker: Jann Kleffner , Swedish National Defence College
11:10 – 11:30	Current challenges in the legal regulation of the methods of warfare Speaker: Théo Boutruche , Consultant in international human rights and humanitarian law
11:30 – 12:30	Discussion
12:30 – 14:00	Sandwich lunch

SESSION TWO:	CYBER WARFARE Chair person: Knut Doermann , ICRC Geneva
14:00 – 14:20	Technology: What is possible in terms of attack? Speaker: Herb Lin , Computer Science and Telecommunications Board, National Research Council of the National Academies, USA
14:20 – 14:40	Between cyber-crime, cyber-terrorism and cyber-warfare. Where to draw the line? Speaker: Eneken Tikk , Cooperative Cyber Defence Centre of Excellence, Estonia
14:40 – 15:00	The legal regulation of cyber-attacks in times of armed conflict Speaker: Robin Geiss , ICRC Geneva
15:00 – 15:45	Discussion
15:45 – 16:00	Coffee break
SESSION THREE:	REMOTE-CONTROLLED AND AUTONOMOUS WEAPONS SYSTEMS Chair person: Yves Sandoz , Member of the ICRC
16:00 – 16:20	Remote-controlled weapons systems and the application of IHL Speaker: Jack Beard , University of California, Los Angeles
16:20 – 16:40	Robots on the battlefield Speaker: Ronald Arkin , Georgia Institute of Technology
16:40 – 17:00	Autonomous weapons systems and the application of IHL Speaker: Daniel Reisner , Formerly Israel Defence Force (IDF) International Law Department
17:00 – 18:00	Discussion
19:30 – 22:30	Dinner

DAY 2: Friday, 22nd October

- SESSION FOUR: OUTER-SPACE – A NEW CONFLICT THEATRE?**
Chair person: **Marco Sassoli**, University of Geneva
- 9:00 – 9:20 **Space Weapons – What’s possible, What’s not?**
Speaker: **Luca Del Monte**, Space Security Office, European Space Agency, France
- 9:20 – 9:40 **Legal regulation of the military use of outer space**
Speaker: **Steven Freeland**, University of Western Sydney and University of Copenhagen
- 9:40 – 10:10 **Discussion**
- 10:10 – 10:40 **Coffee break**
- 10:40 – 12:30 **PANEL DISCUSSION: HOW WILL TECHNOLOGICAL DEVELOPMENT CHALLENGE IHL IN THE 21ST CENTURY?**
Moderator: **Eric David**, Université Libre de Bruxelles
- Panelists:**
Marco Sassoli, University of Geneva
Jack Beard, University of California, Los Angeles
Knut Doermann, ICRC Geneva
Dapo Akande, Oxford University
Daniel Reisner, Former Israel Defence Force (IDF) International Law Department
- 12:30 – 13:00 **CONCLUDING REMARKS AND CLOSURE**
Ms. Christine Beerli, Vice-President of the ICRC