in cooperation with

INTERNATIONAL COMMITTEE OF THE RED CROSS
COMITÉ INTERNATIONAL DE LA CROIX-ROUGE
COMITATO INTERNAZIONALE DELLA CROCE ROSSA

XXXIV ROUND TABLE ON CURRENT ISSUES OF INTERNATIONAL HUMANITARIAN LAW

“INTERNATIONAL HUMANITARIAN LAW
AND NEW WEAPON TECHNOLOGIES”

SANREMO, 8-10 SEPTEMBER 2011

under the patronage of

MINISTERO DEGLI AFFARI ESTERI

AND OF

MINISTERO DELLA DIFESA

DRAFT PROGRAMME

Thursday, 8 September
OPERA THEATRE, CASINO MUNICIPALITY OF SANREMO
10:00 – 12:30

OPENING SESSION

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| Keynote address                                      | Dr. Jakob KELLENBERGER
                                                      | President, International Committee of the Red Cross, Geneva |
| Statements                                           | Hon. Giuseppe COSSIGA (tbc) |
                                                      | Secretary of State, Ministry of Defence, Rome |
                                                      | Dr. Peter MAURER
                                                      | Secretary of State, Federal Department of Foreign Affairs, Berne |
                                                      | Air Marshal Claudio DEBERTOLIS
                                                      | Secretary-General of Defence and National Armaments Director, Rome |
                                                      | Dr. Francesco ROCCA
                                                      | Extraordinary Commissioner, Italian Red Cross, Rome |
                                                      | Hon. Sonia VIALE
                                                      | Secretary of State, Ministry of Interior, Rome |
Thursday, 8 September
INTERNATIONAL CONFERENCE CENTRE, GRAND HOTEL LONDRA
14.30 – 16:30

SESSION 1
Legal and Operational Impact of Technology on Modern Warfare

Moderator: Assoc. Prof. Marie JACOBSSON
Principal Legal Adviser on International Law, Ministry for Foreign Affairs, Stockholm - Member of the UN International Law Commission – Council Member, IIHL

- Setting the Scene: New Technologies – New Challenges for IHL?
  - Prof. Michael BOTHE, Professor of Public Law, Johann Wolfgang Goethe Universitaet, Frankfurt – Member, IIHL
- New Technologies – Science Fiction or Real World?
  - Ms Theresa HITCHENS, Director, United Nations Institute for Disarmament Research, Geneva
- Policy and Ethical Perspectives
  - Prof. Götz NEUNECK, Deputy Director, Institute for Peace Research and Security Policy – University of Hamburg
- Impact on Military Strategy, Capability Development and Doctrine
  - Brigadier General Erwin DAHINDEN, Chief, International Relations, Swiss Armed Forces, Berne – Council Member, IIHL
  - Ambassador Soad SHALABY, Director, Cairo Regional Centre for Training and Peacekeeping, Cairo

17:00 – 19:00

SESSION 2

Moderator: Air Marshal (ret.) Vincenzo CAMPORINI
Former Chief of the Defence General Staff – Special Advisor to the Foreign Minister, Rome

(Titles of single presentations have to be confirmed)

  How to integrate cyber defence into existing defence capabilities
  - Mr. Suleyman ANIL, Head, Cyber Defense Section, Emerging Security Challenges Division, NATO Cyber Defense Coordination & Support Center, Brussels
  - Mr. Mark HIZNAY, Senior Researcher, Human Rights Watch, Washington
  - Dr. Ben LARK, Head of Weapon Contamination Sector, ICRC, Geneva

  Kinetic and non-kinetic-energy weapons: a marriage made in heaven?
  - Dr. Stuart CASEY-MASLEN, Research Fellow, Geneva Academy of International Humanitarian Law and Human Rights, Geneva
  - Mr. Joshua Cowan LYONS, Analyst, UNITAR Operational Satellite Applications Programme (UNOSAT), Geneva

VILLA ORMOND
20.00 – 20.45 CONCERT BY THE BAND OF THE ITALIAN NAVY, LA SPEZIA(ON INVITATION ONLY)
20.45 BUFFET DINNER (ON INVITATION ONLY)

Friday, 9 September
INTERNATIONAL CONFERENCE CENTRE, GRAND HOTEL LONDRA
10:00 – 13:00

SESSION 3
Robots, Remote controlled and Autonomous Weapon Systems

Moderator: Ambassador Benoit d’ABOVILLE
Member of the Foreign Policy Council, French Ministry of Foreign Affairs - Former Ambassador and Permanent Representative of France to NATO – Member, IIHL
- **Ethics and Artificial Intelligence**
  - Prof. Ronald ARKIN, Regent’s Professor, Director of the Mobile Robot Laboratory, Associate Dean for Research & Space Planning, College of Computing, Georgia Institute of Technology, Atlanta

- **Operational Advantages and Risks in the Use of UAVs**
  - Dr. Eugene MIASNIKOV, Senior Research Scientist, Center for Arms Control, Energy and Environmental Studies, Moscow

- **Robotic Systems in Counter-Terrorism and Counter-Insurgency Operations**
  - Colonel (Res.) Daniel REISNER, Former Head, International Law Branch of the Israeli Defense Force Legal Division, Tel Aviv

- **Robots and Artificial Intelligence: What Exists, what is possible?**
  - Prof. Noel SHARKEY, Professor of Artificial Intelligence and Robotics, University of Sheffield

- **Applying IHL to Robots, Remote-controlled and Autonomous Weapons**
  - Prof. Marco SASSOLI, Director, Department of International Law and International Organizations, University of Geneva – Member, IIHL

- **Autonomous Systems: Precautions in Attacks**
  - Air Commodore William H. BOOTHBY, Deputy Director of Legal Services (Royal Air Force), London

- **Non-Lethal Capabilities – A Double Edged Sword**
  - Mr. Richard FROH, Deputy Assistant Secretary-General, Defence Investment, Land and Maritime Capabilities Section, NATO Headquarters, Brussels

13.00 – 15.00 LUNCH BREAK

**Friday, 9 September**
INTERNATIONAL CONFERENCE CENTRE, GRAND HOTEL LONDRA
15:00 – 18:00

**SESSION 4**

**Cyber Warfare**

**Moderator: Ambassador Valentin ZELLWEGER**
Head of the Directorate of Public International Law, Legal Advisor of the Swiss Foreign Ministry, Federal Department of Foreign Affairs, Berne

- **Operational Reality of Cyber Warfare**
  - Prof. Herb LIN, Chief Scientist, National Research Council of the National Academies, Washington D.C.

- **Cyber Warfare: Is there a Need for New Law?**
  - Prof. Matthew WAXMAN, Professor of Public International Law, Columbia Law School, New York

- **International Regional Cooperation**
  - Dr. iur Katharina ZIOLKOWSKI, LL.M. (UNSW) Legal and Policy Branch, Cooperative Cyber Defence Centre of Excellence, Tallin – Member, IIHL

- **Humanitarian Aspects of Cyber Warfare**
  - Prof. Robin GEISS, University of Potsdam

18.30 – 20.00 GRAND HOTEL ROYAL RECEPTION (ON INVITATION ONLY)

**Saturday, 10 September**
INTERNATIONAL CONFERENCE CENTRE, GRAND HOTEL LONDRA
09:00 – 12:00

**SESSION 5**

**New Technologies – The Way Ahead**

**Moderator: H.E. Judge Hisashi OWADA**
President, International Court of Justice, The Hague – Council Member, IIHL
- Panel Discussion
  - Prof. Michel BOURBONNIERE, Legal Counsel, Department of Justice, Canadian Space Agency, Longueuil – Member, IIHL
  - Colonel Gary BROWN, Staff Judge Advocate, US Cyber Command, Washington D.C.
  - Mr. Fabrice LEGGERI, Administrateur Civil Hors Classe, Deputy Director for International Law and European Law, Direction des Affaires Juridiques, Ministry of Defense, Paris
  - Dr. Nils MELZER, Ph. Researcher in the field of Law, Former Legal Adviser to ICRC, Professor, University of Zurich, Geneva
  - Vice - Admiral Yedidia YAARI, President and CEO of Rafael Advanced Defense Systems Ltd., Haifa

- Concluding Remarks
  - Dr. Philippe SPOERRI, Director of International Law and Cooperation, ICRC, Geneva – Member, IIHL
  - Prof. Wolff HEINTSCHEL VON HEINEGG, Head of the Faculty of Jurisprudence, Viadrina University, Frankfurt – Council Member, IIHL

CO-ORDINATORS OF THE ROUND TABLE

Brigadier General Erwin DAHINDEN
Chief, International Relations, Armed Forces, Berne – Council Member, IIHL

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Vice–President, International Institute of Humanitarian Law, Sanremo

Dr. Cordula DROEGE
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Vice–President, International Institute of Humanitarian Law, Sanremo
L’Istituto Internazionale di Diritto Umanitario ringrazia vivamente i Governi, le Organizzazioni e le Società che hanno concesso un contributo finanziario, il loro patrocinio o la loro collaborazione per l’organizzazione della Tavola Rotonda.

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British Red Cross

Comité International de la Croix-Rouge

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