AGENDA

Eighth International Forum
«State, Civil Society and Business Partnership
on International Information Security»

and

Ninth Scientific Conference of the
International Information Security Research Consortium

April 21–24, 2014

Garmisch-Partenkirchen, Munich, Germany

Venue: Atlas Posthotel

April 21, Monday

Bilateral and Multilateral Negotiations and Consultations
(by appointment)

April 22, Tuesday

09.00-10.00   **Registration**
10.00-10.30   **Opening of the Conference**

1.   **Sherstuyk V.P.,** Co-Chairman of the Forum, Adviser of the Secretary of the Security Council of the Russian Federation, Director of Lomonosov Moscow State University Institute of Information Security Issues

2.   **Buravlev S.M.,** Co-Chairman of the Forum, Deputy Secretary of the Security Council of the Russian Federation

10.30-11.45   **Plenary session**

1.   **Charles L. Barry (Center for Technology and National Security Policy (CTNSP), NDU, USA)** "Challenges in the Protection of Critical Infrastructure"

2.   **Krutskikh A.V. (Special Representative of the President of the Russian Federation for International Cooperation in Information Security)**

3.   **Veni Markovski (Vice President, Global Stakeholder Engagement)** "ICANN's role in securing the stability and resilience of the Internet's identified Systems"

4.   **Sandro Gaycken (Freie Universität Berlin, Institute of Computer Science)** "Technological sovereignty"

11.45-12.00 – Coffee break

12.00-19.00   **Workshop – Round table 1**
Adaptation of International Law to Conflicts in Information space: Trends and Challenges

Moderators:

- A.Streltsov, Lomonosov Moscow State University Institute of Information Security Issues
- E.Tikk-Ringas, International Institute for Strategic Studies, UK

Topics for Discussion

1.   Applicability of International Humanitarian Law to Conflicts with the use of ICT.

• With regard to the use of ICT during conflicts, the concept of "attack" under the IHL rules governing the conduct of hostilities.

• The application of the principles of distinction, proportionality and precautions when using ICT as means and methods of warfare during conflicts.

• The law of neutrality in conflicts with the use of ICT.

2.   The concept of "Force" and "Threat of force or Use of force" for Information space.

3.   The concept of "Armed attack" and "Aggression" for Information space.

4.   Use of force by means of malicious use of ICT: Problems of attribution.

5.   Challenges of cyberspace objects marking and identification for purposes of observance control of international law norms.

Presentations:

1.   **E.Tikk-Ringas (International Institute for Strategic Studies, UK)** "Focal Areas in International Law for a Trusted, Stable and Secure Cyberspace"

2.   **A.Streltsov (Lomonosov Moscow State University Institute of Information Security Issues)** "Adaptation of the International Law of Armed Conflict to the Malicious Use of ICT"

3.   **Gao Hui (Cyberinformation Center of China Association for International Friendly Contact (CAIFC), China)** "Applicability of the Law of Armed Conflict in Cyberspace"

<center>**13.00-14.00 Lunch**</center>

4.   **I. Dylevskiy, V.Zapivakhin, S. Komov, A. Petrunin (Ministry of Defense, Russia)** "Adaptation of international legal concept of "aggression" to the specifics of information space"

5.   **Sharon Afek (IDF Command and General Staff College, Israel)** (TBA)

6.   **P.Pilyugin (Lomonosov Moscow State University Institute of Information Security Issues)** "Challenges of creating the technical means of observance control of developing international law norms for cyberspace"

7.   **Xu Longdi (China Institute of International Studies)** "Factors Influencing the Definition of Cyber "War"

8.   **Laurent Gisel (International Committee of the Red Cross)** "Applicability of International Humanitarian Law to Conflicts with the use of ICT"

9.   **Sanjay Goel (SUNY, USA)** "Adaptation of international law to cyber conflict"

10.   **Akira Kato (Liberal Arts College of Obirin University, Japan)** "The Concept of "Force" and "Threat or Use of Force""

11.   **B.Miroshnikov (CyberPlat, Russia)** "Law and practice"

April 23, Wednesday

9.30-12.00

Workshop – Round table 2
Critical Infrastructure Information Security:
Challenges and Initiatives

Moderators:
- A.Salnikov, Lomonosov Moscow State University Institute of Information Security Issues, Russia
- Gregory Austin, Policy Innovation, EastWest Institute, USA

Topics for Discussion

1. **Comparative analysis of national approaches to identification of information infrastructure segments as Critical Infrastructure.**

2. **Public-Private Partnership in Critical Infrastructure information security: Best practices, frameworks and recommendations.**

3. **International System of Monitoring and Objectification of International law violations in relation to Information systems and Networks: Challenges of development.**

Presentations:

1. **A.Salnikov (Lomonosov Moscow State University Institute of Information Security Issues, Russia)**

2. **Gregory Austin (Policy Innovation, EastWest Institute, USA)** "Two Case Studies: Civil Nuclear Facilities and Stock Exchanges/Clearing Houses"

3. **Tatiana Tropina (Max-Planck Institute for Foreign and International Criminal Law, Germany)** "Securing Cyberspace through Public-Private Collaboration: Development of Legal and Policy Frameworks"

4. **Sandro Bologna (Italian Association of Critical Infrastructure Experts)** "Cyber Security of Industrial Control Systems"

5. **Rafal Rohosinski (SecDev group, Canada)** "Practical Confidence Measures: developing an index of military cyber capabilities"

6. **Peter Li (Infrastructure Protection Department at the National Counter-Terrorism Committee, Cambodia) "**Bio & Nano Technology Fusion: Implication and Impact for Information Security"

12.00-13.00

Ninth scientific conference of the
International Information Security Research Consortium (IISRC)

Planning meeting

Moderator:
Sherstuyk V.P., Head organizer of the International Information Security Research

Consortium, Co-Chairman of the Forum, Adviser of the Secretary of Security Council of the Russian Federation, Director of Lomonosov Moscow State University Institute of Information Security Issues

Topics for Discussion

1. **Implementation of Decisions made on the Eighth scientific conference of IISRC**
2. **Admission of new IISRC members:**
   - L.N. Gumilyov Eurasian National University (Republic of Kazakhstan);
   - Kyrgyz State Technical University (Republic of Kyrgyzstan);
3. **Decision on Topic, Agenda, Time and Venue of the Tenth Scientific Conference of the IISRC.**

13.00-14.30 Lunch

14.30-17.30
Workshop – Round table 3
National Approaches and Priorities of International Information Security System Development

Moderators:
- **V.Yashchenko,** Lomonosov Moscow State University Institute of Information Security Issues
- **Wu Dahui**, CAIFC, China

Presentations:

1. **V.Yashchenko (Lomonosov Moscow State University Institute of Information Security Issues)**

2. **Wu Dahui (CAIFC, China)**

3. **Keir Giles (Conflict Studies Research Centre, UK)** "Legitimation of online surveillance and monitoring"

4. **Jean–Christophe Noel (Policy Planning Staff, France)** "Regulation and cybersecurity"

5. **Yoko Nitta (National Security Institute, Japan)** "National Information Strategies: are we making progress? (in perspectives of Japan)"

6. **Ahmed Husain (Managing Director, Reload CERT, Bahrain)** "Communication Surveillance in the Human Rights era and the changes in Gulf Countries"

7. **Yusuke Dan (Tokai University, Japan)** "Cyber Crime and its Social Dimension in Japan"

8. **Yerzhan Seitkulov (Institute of Information Security & Cryptology at Gumilyov Eurasian National University) Murat Konakbayev (Antiterrorist Center of Kazakhstan)** "International and National approaches to countering the use of the Internet for Terrorist and Extremist purposes"

9. **Masayoshi Kuboya (Tokai University, Japan)** "Challenges for Ensuring the Credibility of Cyber Space in Japan: Information Literacy, Education and Regulation"

April 24, Thursday

9.30-13.00

Workshop – Round table 4
Challenges of International Information Security in the Context of Trends and Advanced Technological Development

Moderators:

- R.Smelyanskiy, Faculty of Computational Mathematics and Cybernetics, MSU

- Sandro Gaycken, Freie Universität Berlin, Institute of Computer Science

Presentations:

1. **R.Smelyanskiy, (Faculty of Computational Mathematics and Cybernetics, MSU)**

2. **Sandro Gaycken (Freie Universität Berlin, Institute of Computer Science)**

3. **Zlatogor Minchev (Joint Training Simulation and Analysis Center, Institute of Information and Communication Technologies, Bulgarian Academy of Sciences)** "Identification of Future Cyber Threats – Research Experience and Development Perspectives"

6. **L.Levkovich-Maslyuk (EMC Research and Development Center, Russia)** "Big Data in life sciences and health care: aggregation, integration and security"

5. **N,Varnovskiy, O.Logachev (Lomonosov Moscow State University Institute of Information Security Issues)** "Information Security and Mathematics"

4. **Mohammed Awad (Computer Science and Engineering Department, School of Engineering, American University of Ras Al Khaimah, UAE)** "Security Threats and Voting"

7. **Josef Schroefl (Ministry of Defense, Austria)** "Genesis and implementation of a Cyber-Strategy on the example of Austria"

8. **S.Antimonov (DialogNauka, Russia)** "Modern technologies of Protection against Targeted Cyberattacks"

9. **John Mallery (MIT, USA)** "Crisis Management Under Informatization: Confidence and Security Building Measures for Escalation Control"

13.00-14.30 – Lunch

Bilateral and Multilateral Negotiations and Consultations

(by appointment)