Space Security 2009: Moving towards a Safer Space Environment
15-16 June 2009, Council Chamber, Palais des Nations, Geneva

Sponsors of the conference:

DAY ONE – Monday, 15 June 2009

09:00 - 09:45 OPENING SESSION

Welcome
Theresa Hitchens, Director, United Nations Institute for Disarmament Research (UNIDIR) and Ray Williamson, Executive Director, Secure World Foundation (15 mins)

Introductory Remarks
Representatives from the Governments of Canada, the People’s Republic of China and the Russian Federation (15 mins)
Ambassador Marius Grinius, Ambassador Wang Qun and Ambassador Valery Loshchinin

Keynote One – The Threats to Space: an Overview
Sergei Ordzhonikidze, Director-General, United Nations Office at Geneva (15 mins)

09:45 - 10:50 SESSION ONE: ARCHITECTURES FOR IMPROVING SPACE SECURITY
(Chair: Victor Vasiliev, Deputy Permanent Representative, the Russian Federation)

Prevention of an Arms Race in Outer Space (PAROS)
Zhang Ze, Arms Control Department, Ministry of Foreign Affairs, People’s Republic of China (15 mins)

A Confidence and Security Building Measures Regime
Phillip Baines, Deputy Director, Space Security and Conventional Weapons Non-Proliferation and Disarmament, Department of Foreign Affairs and International Trade, Government of Canada (15 mins)

Best Practices for Space: A Necessary Underpinning for Space Sustainability and Security
Gérard Brachet, President, Air and Space Academy, France (15 mins)

Q&A and Discussion (20 mins)

11:00 - 11:45 BREAK
11:45 - 13:30 Session Two: Ensuring Space Sustainability: Confidence and Security Building Measures
(Chair: Theresa Hitchens, Director, UNIDIR)

Keynote Two – Towards a Norm of No Harmful Interference
Hamadoun Touré, Secretary-General, International Telecommunication Union, Switzerland (30 mins)

Commercial Data-Sharing Advances
Richard DalBello, Vice President, Government Relations, Intelsat General Corporation, USA (15 mins)

A Prohibition on the Testing and Use of Debris-Causing Kinetic Anti-Satellite Weapons
Bruce MacDonald, Senior Director, Congressional Commission on the Strategic Posture of the United States, USA (15 mins)

International Exchange of Information
Andrey Grebenshchikov, Third Secretary, Department for Security and Disarmament Affairs, Ministry of Foreign Affairs, the Russian Federation (15 mins)

Q&A and Discussion (30 mins)

13:30 – 15:00 Lunch

15:00 - 16:15 Session Three: Elements of Treaty-Based Security
(Chair: Ambassador Marius Grinius, Government of Canada)

Space Situational Awareness: Building an Essential Tool for Treaty Implementation
Vladimir Agapov, Senior Scientist-Researcher, Keldysh Institute of Applied Mathematics, Russian Academy of Sciences, the Russian Federation (15 mins)

Verification Measures: An Analysis
Jeffrey Lewis, Director, Nuclear Strategy and Nonproliferation Initiative, New America Foundation, USA (15 mins)

Status Update on the Treaty on the Prevention of the Placement of Weapons in Outer Space, the Threat or Use of Force Against Outer Space Objects (PPWT)
Andrey Makarov, Colonel, General Directorate of International Military Cooperation, Ministry of Defence, the Russian Federation (15 mins)

Q&A and Discussion (30 mins)

16:15 – 16:45 Wrap-Up Day One
DAY TWO – Tuesday, 16 June 2009  
(Sessions start in the afternoon)

14:00 - 14:45 REVIEW AND SUMMARY OF DAY ONE

Short Review of Day One (15 mins)

Keynote Three – The Importance of Space Security for Emerging Space States  
Ambassador Ciro Arévalo-Yepes, Chair, United Nations Committee on the Peaceful Uses of Outer Space (30 mins)

14:45 - 16:00 SESSION FOUR: INTERNATIONAL LAW AND SPACE SECURITY  
(Chair: Ray Williamson, Executive Director, Secure World Foundation, USA)

The Role of International Law in Improving Space Security  
Tanja Masson-Zwaan, Deputy Director, International Institute of Air and Space Law, University of Leiden, Faculty of Law; President, International Institute of Space Law, The Netherlands (15 mins)

International Humanitarian Law: Is It Sufficient for Space Environment?  
Ben Baseley-Walker, Legal and Policy Advisor, Secure World Foundation, USA (15 mins)

Environmental Law: Can It Be Applied to Space?  
Masami Onoda, Satellite Applications and Promotion Center, Japan Aerospace Exploration Agency (JAXA), Japan (15 mins)

Q&A and Discussion (30 mins)

16:00 - 16:30 BREAK

16:30 - 17:30 SESSION FIVE: EMERGING ISSUES FOR SPACE SUSTAINABILITY  
(Chair: Ben Baseley-Walker, Legal and Policy Advisor, Secure World Foundation, USA)

Contributions of Space Systems to Human Security  

Protection of Critical Infrastructure  
Richard Buenneke, Deputy Director, Office of Missile Defense and Space Policy, Bureau of International Security and Nonproliferation, Department of State, USA (15 mins)

The Threat of Laser Ranging to Imaging Satellites: Possible Rules of the Road  
Yousaf Butt, Staff Scientist, Harvard-Smithsonian Center for Astrophysics, USA (15 mins)

Q&A and Discussion (15 mins)

17:30 - 18:00 WRAP-UP DAY TWO