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**Space Security 2009:
Moving towards a Safer Space Environment**

15-16 June 2009, Council Chamber, Palais des Nations, Geneva

Sponsors of the conference:

Secure World Foundation, The Simons Foundation and the Governments of Canada, the People's Republic of China and the Russian Federation

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: Ambassador Marius Grinius, Government of Canada)

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: Ben Baseley Walker, Legal and Policy Advisor, Secure World Foundation, USA)

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: **Theresa Hitchens**, Director, UNIDIR)

Contributions of Space Systems to Human Security

Adigun Ade Abiodun, Head, AS Foundation, Federal Republic of Nigeria – presented by **Ray Williamson** (15 mins)

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

18:15 RECEPTION

