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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: 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***

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**

