

**DRAFT: SUBJECT TO
CHANGE**

UNIDIR 2019

SPACE SECURITY

CONFERENCE

SUPPORTING DIPLOMACY: CLEARING THE PATH FOR DIALOGUE

Conference Room XX | Palais des Nations
28 and 29 May 2019

Conference organized by the United Nations Institute for Disarmament Research in collaboration with the Secure World Foundation, Fondation pour la recherche stratégique and The Simons Foundation Canada. Support from UNIDIR's core funders provides the foundation for all of the Institute's activities. This event was organised with support from the Governments of the People's Republic of China, The Holy See and the Russian Federation

Tuesday 28 May 2019

13:30-14:00

Coffee and Refreshments

14:00-14:20

Opening Remarks

- **Dr Renata Dwan**, *Director*, UNIDIR
- **Dr Peter Martinez**, *Director*, Secure World Foundation
- **Dr Xavier Pasco**, *Director*, Fondation pour la recherche stratégique

14:20-16:00

Panel 1. Taking Stock

With multiple UN processes meeting at this time, cooperation and coordination among groups will be important to maximize efforts. This panel will take stock of developments over the previous year in multilateral fora.

Chair Dr. Renata Dwan

Panel Conference on Disarmament
People's Republic of China

UN Disarmament Commission Working Group II

Amb Jeroen Cooreman, *Deputy Permanent Representative of Belgium to the UN*

Group of Governmental Experts on Further Practical Measures for the Prevention of an Arms Race in Outer Space

Amb Guilherme Patriota, *Special Representative of Brazil to the Conference on Disarmament*

General Assembly and First Committee

Mr Andrey Belousov, *Deputy Director*, Department for Arms Control and Non-Proliferation, Russian Ministry of Foreign Affairs

Committee on the Peaceful Uses of Outer Space

Dr Natália Archinard, *Head of the Swiss Delegation to UNCOPUOS*, Federal Department of Foreign Affairs

16:00-16:15

Tea and Coffee Break

16:15-17:45

Panel 2. What is a 'Space Force'?

The announcement of a US Space Force made headlines, but it is not the first time a military has established specialised units for space operations. Visiting experts will explore the reasons and functions behind a dedicated military body to space operations.

Chair **Dr John Borrie**, *Research Coordinator & Programme Lead – WMD & Other Strategic Weapons*, UNIDIR

Panel **Mr Doug Loverro**, *former US Deputy Assistant Secretary of Defense on Space Policy*

Dr Rajeswari Piali Rajagopalan, *Distinguished Fellow*, Observer
Researcher Foundation

Dr Jessica West, *Program Officer*, Project Ploughshares

19:00-21:00

Special film screening and reception

UNIDIR, in cooperation with CineONU, is organising a special film screening to explore the wider societal implications of international cooperation in space. This screening will feature two short films, followed by a panel of special guest speakers.

Where **Empire Cinema**, Rue de Carouge 72-74, 1205 Genève

When **Tuesday 28 May from 19h-21h** | A reception will follow the screening

Films **The Overview Effect**
A Beautiful Planet

Chair **Ms Jeanne Meserve**

Panel **Mr Jean-Francois Clervoy**, *Former ESA Astronaut*

Dr Renata Dwan, *Director*, UNIDIR

Mr Niklas Hedman, *Chief of Committee, Policy and Legal Affairs Section*,
UN Office for Outer Space Affairs

Wednesday 29 May 2019

08:30-9:00

Coffee

09:00-10:30

Panel 3. Emerging Rocket & Missile Dual Use Challenges

As new countries acquire sophisticated launch capabilities, exercising their freedom of access to space, there is a constant threat of misperception. This is particularly true as rockets get smaller and can be deployed much faster by private actors. This roundtable discussion will focus on current trends in rocket/missile technology and its impacts on global security.

Chair **Dr Xavier Pasco**, *Director, Fondation pour la recherche stratégique*

Panel **Amb Anne Sofie Nilsson**, *Swedish Ambassador for Disarmament and Non-Proliferation*

Ms Isabelle Sourbes, *Research Director, Centre national de la recherche scientifique*

Mr Tal Inbar, *Head of the Space Research Center, Fisher Institute for Air & Space Strategic Studies*

10:30-10:45

Tea and Coffee Break

10:45-12:15

Panel 4. On-orbit Proximity Operations: Friend or Foe?

Numerous countries and actors are seeking on-orbit vehicles for satellite life extension operations and debris removal, yet this technology also could raise suspicions about the weaponisation of space. This panel will examine on-orbit service vehicles and how to prevent this technology from disrupting space security.

Chair **Amb (ret) Michael Biontino**, *Advisor*

Panel **Prof Guglielmo Aglietti**, *Surrey Space Centre Director, University of Surrey*

Ms Victoria Samson, *Washington-Office Director, Secure World Foundation*

Mr. Daniel Porras, *Space Security Fellow, UNIDIR*

12:15-12:45

Buffet Luncheon

12:45-14:00

Special Lunchtime Event: Shaping Perceptions of Space Security

UNIDIR will host a special discussion on how journalists portray space security challenges and how public opinion can generate momentum towards greater space security measures.

Chair **Mr Torsten Kriening**, *Editor, SpaceWatchGlobal*

Speaker **Ms Jeanne Meserve**, *Former Anchor and Correspondent, CNN & ABC News*

14:30-16:00

Panel 5. Gathering Evidence in Orbit

Experts will have a technical discussion on the feasibility of gathering evidence for PAROS-related space activities. In particular, they will examine what new technologies can reveal about space activities, what monitoring strategies might these technologies enable and how such capabilities can be reflected in future space security instruments.

Chair **Ms Vanessa Wood**, *Counsellor Disarmament*, Australian Delegation to the Conference on Disarmament

Panel **Dr Douglas Hendrix**, *CEO*, ExoAnalytic Solutions

Col (ret) André Dupuis, *President*, Space Strategies Consulting Ltd.

Dr Moriba Jah, *Associate Professor of the Department of Aerospace Engineering and Engineering Mechanics*, University of Texas at Austin

Mr Stewart Bain, *CEO*, NorthStar Earth & Space Inc.

16:00-16:15

Coffee and Tea Break

16:15-17:45

Panel 6. Next Steps for Multilateral Dialogue

With several UN processes reaching the end of their mandates, new steps will be needed to keep moving towards stability and security in space. This roundtable discussion will seek to identify viable options to move multilateral dialogues forward.

Chair **Mr Niklas Hedman**, *Chief of Committee, Policy and Legal Affairs Section*, UN Office for Outer Space Affairs

Panel **Dr Renata Dwan**, *Director*, UNIDIR

Dr Peter Martinez, *Director*, Secure World Foundation

Amb (ret) Paul Meyer, *Senior Fellow*, The Simons Foundation Canada

Dr Xavier Pasco, *Director*, Fondation pour la recherche stratégique

17:45-18:00

Closing Session

Amb (ret) Paul Meyer, *Senior Fellow*, The Simons Foundation Canada

18:00-20:00

Art Exhibition Opening

Join us for the opening of a multi-media art exhibition at the Palais des Nations by the award-winning Swiss Photographer Marco Grob. The exhibit will feature pieces from his series *Space Flight* and *A Year in Space*, including portraits of astronauts, artifacts, and short films. Marco Grob is an internationally acclaimed photographer and his work has won numerous awards over time including an Emmy Award, Swiss ADC, Cannes Awards, and the prestigious Hasselblad Master 2007.

Where **Salle des Pas Perdu** | Palais des Nations

When **18:00-20:00**

Remarks by **Renata Dwan**, *Director*, UNIDIR
Marco Grob, *Photographer*

