

# UNIDIR 2019

## SPACE SECURITY

## CONFERENCE

### SUPPORTING DIPLOMACY: CLEARING THE PATH FOR DIALOGUE

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

Conference organized by the United Nations Institute for Disarmament Research (UNIDIR) in collaboration with the Secure World Foundation, Fondation pour la recherche stratégique (with funding from the EU) 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 Brazil, the People's Republic of China, The Holy See and the Russian Federation

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#### Tuesday 28 May 2019

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**13:30-14:00**      **Coffee and Refreshments**

**14:00-14:20**      **Opening Remarks**

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

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**14:20-16:00**      **Panel 1. Taking Stock**

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

**Moderator** **Dr. Renata Dwan**, *Director, UNIDIR*

**Panel** Conference on Disarmament  
**Amb Li Song**, *Deputy Permanent Representative of the People's Republic of China to the UN in Geneva*

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 Permanent Representative of the Russian Federation to the UN in Geneva*

Committee on the Peaceful Uses of Outer Space  
**Dr Natália Archinard**, *Head of the Swiss Delegation to UNCOUOS, Federal Department of Foreign Affairs of Switzerland*

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**16:00-16:15**

**Tea and Coffee Break**

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**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.

**Moderator** **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 Research Foundation*

**Dr Jessica West**, *Program Officer, Project Ploughshares*

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**19:30-21:30**

**Special film screening**

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 19:30**

**Films** **The Overview Effect**  
**A Beautiful Planet**

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

**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*

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## Wednesday 29 May 2019

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08:30-9:00

### Coffee and Refreshments

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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. It will also examine how voluntary mechanisms, like The Hague Code of Conduct, can strengthen global security.

**Moderator** **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*

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10:30-10:45

### Tea and Coffee Break

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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.

**Moderator** **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*

**Ms Alexandra Stickings**, *Research Fellow for Space Policy and Security within the Military Sciences, Royal United Services Institute*

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

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12:15-12:45

### Buffet Luncheon

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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.

**Moderator** **Mr Torsten Kriening**, *Editor, SpaceWatchGlobal*

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

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**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.

**Moderator** **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.*

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**16:00-16:15**

**Tea and Coffee Break**

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**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.

**Moderator** **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*

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**17:45-18:00**

**Closing Session**

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

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**18:00-20:00**

**Opening Reception – A Peaceful Place or so it Looks from Space**

Join us for the opening reception of a multimedia art exhibit 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 and short films. Refreshments will be served.

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

**When** **18:00**