



10TH UNITED NATIONS WORKSHOP ON SPACE LAW

“Contribution of Space Law and Policy to Space Governance and Space Security in the 21st Century”

**Organized by
United Nations Office for Outer Space Affairs**

**In cooperation with
United Nations Office for Disarmament Affairs**

**Co-sponsored by
United Nations Institute for Disarmament Research
and
Secure World Foundation**

5 to 8 September 2016,

Vienna International Centre
Vienna, Austria

BACKGROUND AND OBJECTIVE

Outer space is a fragile environment where the steps taken by one actor might have an impact on others, including users of space services on Earth. In that sense, the broader application of space operations and the increased strategic value of space has resulted in a growing need to enhance the safety of space operations, the security of the space environment and space assets, and the sustainability of outer space activities. Given the growing number of benefits derived from space science and technology applications, the conduct of space activities by States, intergovernmental and non-governmental entities as well as private sector continues to expand. In developing international and regional space cooperation States should assure that all actors conducting space activities comply with requirements of international space law.

International and regional cooperation for the peaceful uses of outer space helps to bring the benefits of space technology applications to a wide circle of stake-holders, both governmental and non-governmental, and to intensify and diversify national space programmes. Policy and regulatory frameworks at the national, regional and international level are of paramount importance to provide the necessary basis for States, particularly developing countries, to meet development goals and addressing challenges to humanity and sustainable development. In this process, it is necessary to continue to strengthen the inter-linkages between international space law and the conduct of space activities.

The 10th Workshop on Space Law forms part of a series of workshops under the space law capacity-building programme of the Office for Outer Space Affairs (UNOOSA). The Legal Subcommittee of the Committee on the Peaceful Uses of Outer Space, at its fifty-fifth session in 2016, noted with appreciation that the tenth United Nations Workshop on Space Law would be held at the United Nations Office at Vienna from 5 to 8 September 2016 and that the Workshop would address space law, and cover transparency and confidence-building measures in outer space activities.

The United Nations General Assembly, in its resolution on international cooperation in the peaceful uses of outer space, each year (latest 70/82) reaffirms the importance of international cooperation in developing the rule of law, including the relevant norms of space law and their important role in international cooperation for the exploration and use of outer space for peaceful purposes, and of the widest possible adherence to international treaties that promote the peaceful uses of outer space in order to meet emerging new challenges, especially for developing countries. The Assembly also recognizes that all States, in particular those with major space capabilities, should contribute actively to the prevention of an arms race in outer space with a view to promoting and strengthening international cooperation in the exploration and use of outer space for peaceful purposes.

The Assembly, in its resolution 70/82, further requests the Committee on the Peaceful Uses of Outer Space to continue to consider, as a matter of priority, ways and means of maintaining outer space for peaceful purposes, and agrees that the Committee should continue to consider the broader perspective of space security and associated matters that would be instrumental in ensuring the safe and responsible conduct of space activities, including ways to promote international, regional and interregional cooperation to that end. The Assembly encourages the Office for Outer Space Affairs to conduct capacity-building and outreach activities associated with space security and transparency and confidence-building measures in outer space activities, as appropriate, and within the context of the long-

term sustainability of outer space activities. Assembly resolutions on transparency and confidence-building measures in outer space activities (resolutions 68/50, 69/38, 70/53) encourage relevant entities and organizations of the United Nations system to coordinate, as appropriate, on matters related to the recommendations contained in the report of the Group of Governmental Experts on Transparency and Confidence-Building Measures in Outer Space Activities (A/68/189). This call is taken into account in meeting the objectives of the Workshop.

The Workshop will provide an overview of the legal regime governing the peaceful uses of outer space, will examine and compare various aspects of the broader perspective of space security in global space governance, including on transparency and confidence-building measures in outer space activities, and will address space law and policy in the context of UNISPACE+50 (*see box below*) with the following objectives:

- (a) To promote understanding, acceptance and implementation of the United Nations treaties and principles on outer space;
 - (b) To address space governance and the broader perspective of space security, including on norms of behaviour and space policy development;
 - (c) To consider space law and policy in the context of space economy, space society, space accessibility and space diplomacy;
 - (d) To study trends and challenges to the progressive development of space law;
- and
- (e) To assess further needs for capacity-building, assistance and outreach in space law and policy.

Participation in the Workshop will be by invitation only. The working language of the Workshop will be English. The Workshop report will be issued in all official languages of the United Nations to the fifty-sixth session of the Legal Subcommittee in 2017.

UNISPACE+50

The year 2018 will mark the 50th anniversary of the first United Nations Conference on the Exploration and Peaceful Uses of Outer Space - UNISPACE+50. The Committee on the Peaceful Uses of Outer Space (COPUOS) at its fifty-eighth session in June 2015 endorsed the plan of work for UNISPACE+50. UNISPACE+50 will review the contributions that the three UNISPACE conferences (UNISPACE I, held in 1968, UNISPACE II, held in 1982, and UNISPACE III, held in 1999) have made to global space governance. In line with the 2030 Agenda for Development and sustainable development goals, UNISPACE+50 aims to chart the future role of COPUOS, its subsidiary bodies and the United Nations Office of Outer Space Affairs, at a time of an evolving and more complex space agenda when more participants, both governmental and non-governmental, are increasingly involved in ventures to explore space and carry out space activities. The activities of the Office are an integral part of the UNISPACE+50 thematic cycle and are aimed at contributing to outputs under the four pillars space economy, space society, space accessibility and space diplomacy. For additional information see:

<http://www.unoosa.org/oosa/en/ourwork/hlf/hlf.html>.

DRAFT PROGRAMME

MONDAY, 5 SEPTEMBER 2016

09:00-10:00 Registration

OPENING PANEL: WELCOME ADDRESSES AND KEY NOTE SPEECHES

10:00-11:00 Opening Ceremony

Introductory remarks by Moderator

United Nations Office for Outer Space Affairs

Ms. Simonetta Di Pippo, Director UNOOSA

United Nations Office for Disarmament Affairs

Mr. Kim Won-Soo, High Representative for Disarmament Affairs

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11:00-11:30 Coffee break

11:30-12:00 Keynote Speech: Space law and governance

Mr. Sergio Marchisio, La Sapienza University Rome

12:00-12:30 Keynote Speech: Space security perspectives

Mr. Paul Meyer, The Simons Foundation

12:30-14:00 Lunch

PANEL 1: INTERNATIONAL SPACE LAW AND POLICY DEVELOPMENT

14:00-14:30 Introduction by the Moderator and perspectives of progressive development of international space law

14:30-15:00 Space law/policy and governance models

15:00-15:30 International law perspectives on small satellite activities

15:30-16:00 Perspectives of future space traffic management

16:00-16:30	Coffee break
16:30-17:00	New space actors
17:00-17:30	The legal regime of outer space and scientific and technical advances
17:30-18:00	Discussion on observations and recommendations

TUESDAY, 6 SEPTEMBER 2016

PANEL 2: SAFETY OF SPACE OPERATIONS AND SECURITY OF SPACE SYSTEMS

09:30-10:00	Introduction by the Moderator and perspectives on dual-use of space technology
10:00-10:30	Emerging threats
10:30-11:00	Cyber and space security
11:00-11:30	Coffee break
11:30-12:00	GGE-report and TCBMs
12:00-12:30	Space security and governance - the role of middle space powers
12:30-13:00	Discussion on observations and recommendations
13:00-14:30	Lunch

PANEL 3: TCBM IMPLEMENTATION AND THE ROLE OF INTERNATIONAL ORGANIZATIONS: INSTITUTIONAL AND REGULATORY PERSPECTIVES

14:30-15:00	Introduction by the Moderator and perspectives on norms of behaviour
15:00-15:30	UNOOSA
15:30-16:00	UNODA
16:00-16:30	Coffee break
16:30-17:00	ITU
17:00-17:30	HCOC

17:30-18:00 Discussion on observations and recommendations

WEDNESDAY, 7 SEPTEMBER 2016

PANEL 4: INTERNATIONAL MODELS AND MECHANISMS FOR SPACE COOPERATION AND COORDINATION

09:30-10:00 Introduction by the Moderator and the case of ICG

10:00-10:30 Models for coordination: The case of IADC

10:30-11:00 Models for coordination: The case of SMPAG/IAWN

11:00-11:30 Coffee break

11:30-12:00 Mechanisms for regional and interregional cooperation and coordination

12:00-12:30 Models for coordination and cooperation: Bilateral and multilateral agreements

12:30-13:00 Discussion on observations and recommendations

13:00-14:30 Lunch

PANEL 5: COOPERATION AND CAPACITY-BUILDING IN SPACE LAW AND POLICY FOR THE BENEFIT OF DEVELOPING COUNTRIES

14:30-15:00 Introduction by the Moderator and perspectives on integrated education and training

15:00-15:30 Cooperation models and capacity-building for emerging new space nations

15:30-16:00 Promotion and support for development of national space legislation in developing countries

16:00-16:30 Coffee break

16:30-17:00 Capacity-building models - the case of UN-SPIDER Technical Advisory Missions

- 17:00-17:30 Role of Regional Centres for Space Science and Technology Education, affiliated to the United Nations
- 17:30-18:00 Discussion on observations and recommendations

THURSDAY, 8 SEPTEMBER 2016

PANEL 6: LEGAL REGIME OF OUTER SPACE AND GLOBAL SPACE GOVERNANCE: CURRENT AND FUTURE PERSPECTIVES

- 09:30-10:00 Introduction by the Moderator and perspectives on UNISPACE+50 thematic priority on the legal regime of outer space
- 10:00-10:30 Relationship of treaties, resolutions, principles, and guidelines
- 10:30-11:00 Effectiveness of the legal regime for responsibility and liability of national space activities – assessment of gaps
- 11:00-11:30 Coffee break
- 11:30-12:00 Legal perspectives of space operations and sustainability of outer space activities
- 12:00-12:30 Enhancing cooperation/coordination between STSC and LSC of COPUOS
- 12:30-13:00 Discussion on observations and recommendations
- 13:00-14:30 Lunch

CONCLUDING PANEL: CONCLUSIONS, OBSERVATIONS, RECOMMENDATIONS

- 14:30-15:00 Introduction by the Moderator and perspectives on the road towards UNISPACE+50: Space economy, space society, space accessibility, space diplomacy
- 15:00-16:30 Setting conclusions, observations and recommendations of the Workshop
- Closing remarks of the Workshop
