



UN/Italy Workshop on the Open Universe Initiative

Intro and Logistics

Vienna, Austria 20-22 November

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UNOOSA



UNITED NATIONS
Office for Outer Space Affairs

UNOOSA's Mission Statement

The core business of the Office is to promote international cooperation in the use of outer space to achieve development goals

UNOOSA's Vision

Bringing the benefits of space to humankind

Space technology helps address global challenges and supports the **2030**

Agenda for Sustainable Development



Roles of UNOOSA



CAPACITY-BUILDER: UNOOSA brings the benefits of space to humankind by building space capacity of non-space-faring countries



GLOBAL FACILITATOR: UNOOSA plays a leading and facilitating role in the promotion of the peaceful uses of outer space



GATEWAY TO SPACE: UNOOSA is the main UN agency on space matters and facilitates the coordination of UN activities using space-related technology to improve the human condition globally.

UNISPACE+50: its Thematic Priorities

2018 marks the **50th** anniversary of the first **UN Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE)**, held in Vienna in 1968.

1. Global partnership in space exploration and innovation
2. Legal regime of outer space and global space governance: current and future perspectives
3. Enhanced information exchange on space objects and events
4. International framework for space weather services
5. Strengthened space cooperation for global health
6. International cooperation towards low-emission and resilient societies
7. **Capacity-building for the 21st Century.**

Space2030: A Joint Vision

- **Space 2030 is a comprehensive vision** to address the contribution of space to overarching, long-term development concerns, based on the peaceful exploration and uses of outer space.
- Based on four pillars: **space economy**, **space society**, **space accessibility** and **space diplomacy**.
- UNOOSA stands ready to support global cooperation mechanisms if so decided at UNISPACE+50
- This is an opportunity for new and creative ideas to strengthen global partnerships, including in the areas of space science and technology.
- **Access to Space: education, data, technology and facilities, orbit.**



	Mon 20/11	Tue 21/11	Wed 22/11
GMT+01			
9am	9 – 10 High Level Opening Remarks and Keynote	9:10 – 11 SESSION3	9:30 – 10:50 SESSION 5
10am	10:10 – 12:30p SESSION 1		
11am		11:25 – 12:45p SESSION 4	11:20 – 12:30p DISCUSSION: PLAN OF ACTION
12pm			
1pm			
2pm	1:30p – 3:35p SESSION 2	1:45p – 2:50p SPLINTER DISCUSSIONS	1:30p – 3:30p ROUNDTABLE UNISPACE+50
3pm		2:50p – 3:50p POSTER LIGHTNING ROUND / SESSION	3:30p - Closing Remarks
4pm	4p – 6p SOFTWARE DEMOS	3:50p – 4:50p DISCUSSION OUTCOMES	
5pm		4:50p – 5:40p OPEN FLOOR	
6pm	6p – 7:45p Reception		
7pm			
8pm		8:10p – 9:10p Planetary show	
9pm			

Preliminary Objectives



INCREASE TRANSPARENCY of already accessible resources: including promoting FAIR (Findable, Accessible, Interoperable, Reusable) guiding principles, promoting the adoption of widely-used standards, processing from raw data to web-ready products, enhanced data-mining and integration solutions, interfacing and facilitating cooperation between data providers and data centres and archives...



RESURFACE DATA and other hidden or otherwise hardly accessible resources: by identifying inaccessible data and working with national and regional entities to solve the challenges to make them public, including legacy data, as well as bringing new main players and actors in the international space science arena into the Initiative and in contact with other public data access solutions.



BROADEN THE USER-BASE of astronomy and space science data: to include as well the rapidly growing community of citizen scientists, by providing the necessary tools to use astronomy and space science data for a range of target groups, including educators and students, planetariums, amateur scientists or other potential end-users; and by promoting STEM education, particularly among women and youth in developing countries.

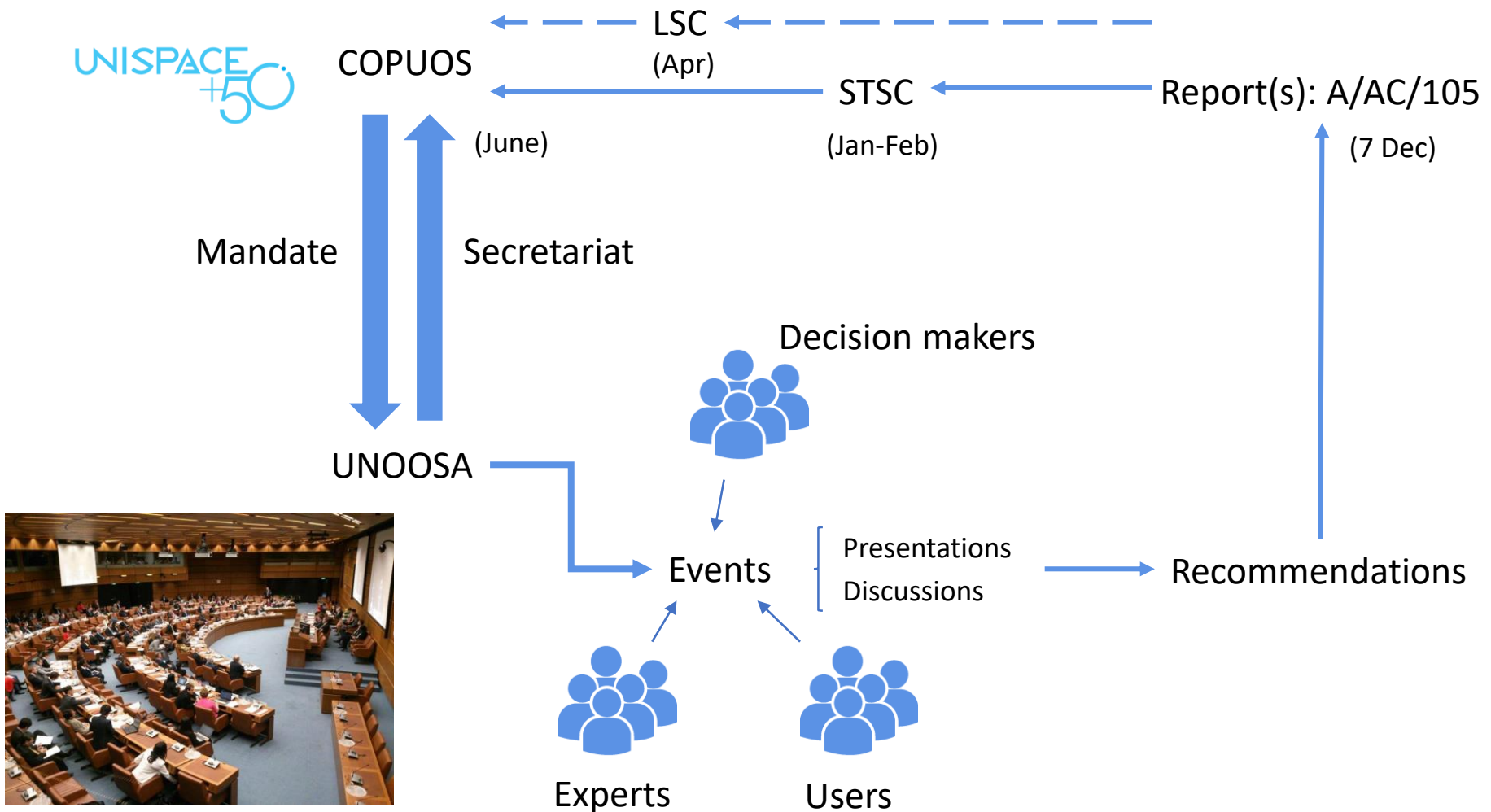
Preparatory activities

- Open Universe Legal Aspects panel, 30 March 2017, UNOV, Vienna, Austria
- Expert Meeting on Open Universe, 11-12 April 2017, ASI HQ, Rome, Italy, with the participation of the research community and major space data providers and data archive experts.
 - ❑ Programme and presentations:
http://www.unoosa.org/oosa/events/data/2017/psa_italy_expertmeeting_openuniverse.html
 - ❑ Report: A/AC.105/2017/CRP.22
- Briefing on the status of Open Universe and call for support, 13 June 2017, UNOV, Vienna, Austria.
 - ❑ Draft plan of action
- **UN / Italy Workshop on the Open Universe Initiative, 20-22 November 2017, UNOV, Vienna, Austria.**



For the sake of transparency...

Recommendation Process



Example recommendations (EM)

In the context of the Open Universe Initiative, the participants recommend that the Office for Outer Space Affairs should:

- **promote** among data providers the adoption of the **FAIR** (Findable, Accessible, Interoperable, Reusable) **guiding principles** for scientific data management, and of **transparency** on data production mechanisms and data access rules;
- **recognize the existing standards** defined by the organizations active in the field, and disseminate and **promote their adoption** by data providers and producers of data exploitation applications;
- **foster partnerships** among the research community in the **development, extension and provision of visibility** for the abovementioned data, services, applications and standards **for a wider user base**;
- facilitate collaboration and **coordination among Data Centres for the provision**, besides data, of an amount of **computing power and server-side tools** appropriate to fulfil the users requirements; and
- work with partners to **promote education in astronomy, space science and other STEM subjects**, particularly in the **developing world and for women**

Reminders

- All participants: Select discussion group, sign-up for Museum
- Speakers: upload presentations, adhere to your time slot
- Poster presenters: one-slide, set-up poster
- Rapporteurs: provide summary at end of day / end of workshop / end of week
- Sponsored participants: **boarding cards**

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+50



THANK YOU



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Backup Slides