



03 October 2018
IAF IDEA "3G" Diversity Day

UNOOSA

Space for Women - Project

SIMONETTA DI PIPPO, DIRECTOR



UNITED NATIONS
Office for Outer Space Affairs

When do girls like science?



11

The age girls gain interest in STEM, a 2017 survey found.



When do they lose interest?



Search: 'Why don't European girls like science and technology?'

15

The age girls lose interest in STEM, the same survey found

The main reasons why girls lose interest in STEM



No hands-on experience



Lack of female role models



Gender disparity is discouraging

**What
keeps
them
going?**



**CAPACITY
BUILDING**



MENTORSHIP



**AWARENESS
RAISING**



UN Office for Outer Space Affairs

Vision

Bringing the benefits of space to humankind

Mission Statement

The core business of the Office is to promote

International Cooperation

in the use of outer space to achieve
development goals



STS-131 and Expedition 23 crew members



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.



Space and SDGs

All countries and all stakeholders act in **collaborative partnership to implement the 2030 Agenda** for Sustainable Development.

UNOOSA is currently developing new approaches to address the targets enshrined in the SDGs.

One joint vision has to be employed to protect space as a limited resource **for the benefit of humankind.**



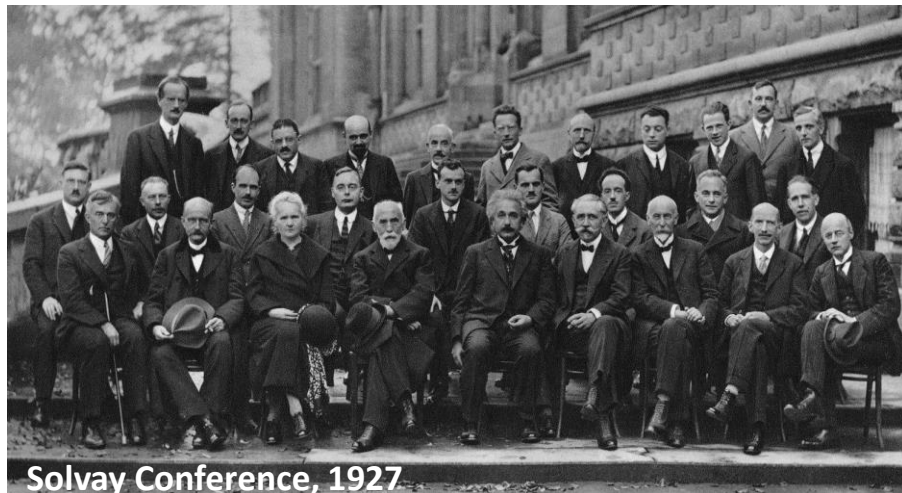


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Women in STEM & Space

- Only 1 in 5 countries have achieved gender parity in STEM researchers
- The world average – 30 per cent
- Space industry women workforce – 20 per cent



Solvay Conference, 1927



ISEF 2, 2018



Space for SDGs – Goal 4

UNOOSA's programmes and initiatives are designed to provide capacity-building, education, research and development support and technical advisory services to countries. These have all helped to reduce the gap between the industrialized and developing nations.



“By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship”





Space for SDGs – Goal 5



UNOOSA is working on a dedicated **Space for Women Project**. Its objectives are to strengthen and deliver targeted capacity-building and technical advisory activities, and promote efforts to encourage women and girls' involvement in STEM education.



“Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women.”



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Space for Women



Let's make space work for the
development of women



Let's make space in the aerospace
industry and STEM fields for
women



Let's make the Space for Women
project together

A vibrant, multi-colored nebula with stars in the background. The colors range from deep blues and purples to bright oranges and reds, with numerous white and yellow stars scattered throughout.

We have a lot to do to make
"Space for Women",
and I am committed to getting
it done.

Simonetta Di Pippo
International Gender Champions, Vienna, June 2017



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Making 'Space for Women' a reality?

October 2017, New York

UNOOSA and UN Women co-host a three-day Space for Women Expert Meeting.



'Space for Women' is really a gender mainstreaming project where we will like to work with Member States; not only for STEM education but also to help young girls when they graduate to then find their place in their own society without being obliged to leave their own country

- Simonetta Di Pippo, UN News, 4 October 2017



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What can
women do for
space?

What more can
space do for
women?

How to attract
more women to
space?

What do
women need
from space?

Space for Women
Project



Targeted Areas for Change

1. Institutional / Industry

What?

Internal Structures
Policies
Procedures
Organisational effect

2. Enabling Environment

What?

Rules, Laws, Policies,
Social Norms
Stereotypes
Communication

3. Individual (shaped by 1 + 2)

What?

Skills
Experience
Knowledge





Making 'Space for Women' a reality – Next steps

Space for Women Platform

- Central hub for global initiatives under the UN roof for exchange, communication and coordination

Space for Women Champions Network

- Global Network of role models and mentors to promote careers in STEM and the Space Sector

Space for Women Research

- Research on various aspects of women in STEM and Aerospace for evidence based awareness raising

Space for Women Institutional Capacity Building Mission

- Team of experts to assess the institutional and enabling environment in a pilot country second half 2019

Space for Women Forum

- Capacity building and awareness raising forum in India or Canada first half 2019



Beyond UNOOSA

“Achieving gender equality and empowering women and girls is the unfinished business of our time, and the greatest human rights challenge in our world.

- *UNSG António Guterres, 2018 International Women’s Day*

It is disappointing that, in the 21st century, and in fields like the space sector, which is known for breaking boundaries, we are still not making the most of what women have to contribute.

- *Director Simonetta Di Pippo, launching International Gender Champions at Vienna, June 2017*

The main goal of Women in Aerospace is to improve the representation of women in aerospace and also to help the youngest to find their own career path.

- *Director Simonetta Di Pippo, launching International Gender Champions at Vienna, June 2017*

Women in Aerospace Europe





**It always seems impossible...
until it's done.**

Nelson Mandela

UNISPACE
+50 

THANK YOU



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