

**SPACE 4
WOMEN** 



5TH

SPACE4WOMEN EXPERT MEETING

INTEGRATING WOMEN IN SPACE ACTIVITIES & SOLUTIONS

27-29 NOVEMBER | 2024

PROGRAMME



United Nations
Office for Outer Space Affairs



KENYA SPACE AGENCY
Possibilities beyond our skies

DAY 1

0800 - 0900 **Registration**

0900 - 0930 **Opening Remarks**

Aarti Holla-Maini, Director, UN Office for Outer Space Affairs (UNOOSA)
Stéphanie Durand, Vice-President of Policy, Communications and Strategic Planning,
Canadian Space Agency
Brig. Hillary Kipkosgey, Director General, Kenya Space Agency (KSA)
Dr. Korir Singoei, Principal Secretary, State Department for Foreign Affairs
Hon. Soipan Tuya, Cabinet Secretary, Ministry of Defence

0930 - 0945 **Photo Opportunity**

0945 - 1015 **COFFEE BREAK**

1015 - 1040 **Presentation of the Space4Women Programme and Achievements**

Anne-Claire Grossias, Associate Programme Officer, UNOOSA

1040 - 1100 **Report of the 4th Expert Meeting Held in Canada**

Ameera Ali, Research Analyst, Canadian Space Agency

1100 - 1110 **Introductions to Topics, Working Methods, Desired Outcomes**

UNOOSA & KSA

1110 - 1130 **Quantitative Data on Women's Participation in the Space Workforce:
The Landmark Study on Gender Equality in the Space Sector**

Elise Stephenson, Deputy Director, Global Institute for Women's Leadership of the
Australian National University

1130 - 1200 **Measuring Gender Barrier Perceptions: The Case of Korea's Space Sector**

Hyun Ok Kim, Principal Researcher, Korean Aerospace Research Institute (KARI)

1200 - 1230 **Presentation of the Gender Mainstreaming Toolkit**

Ameera Ali, Research Analyst, Canadian Space Agency

1230 - 1330 **LUNCH**

1330 - 1430 **Panel: Championing the Implementation of the Gender Mainstreaming Toolkit: Advancing the Gender-Sensitive Policy Uptake**

Mercy Kamau, Director Corporate Services, Kenya Space Agency

Rosso Kane Dieng, Director of Planning, Partnership and Development, Senegal Space Agency

Andrea Koch-Kraft, Equal Opportunities Officer, Germany Space Agency

Diviya Devani, Mission Systems Engineer, BEA Systems

Julie Ann Banatao, Chief Science Research, Philippine Space Agency

Moderator: **Angela Veitch**, Canada Permanent Mission to the UN in Vienna

1430 - 1500 **Breakout discussions**

1500 - 1520 **COFFEE BREAK**

1520 - 1620 **Panel: Unlocking Women's Leadership in the Space Sector**

Rania Toukebri, Senior Team Leader, Akkodis Aerospace and Defense (Tunisia)

Olayinka Abiodun Fagbemi, Chief Scientific Officer, Nigerian Space Agency

Fikiswa Majola, Deputy Director of Space Systems, Department of Science and Innovation (South Africa)

Julie Ann Banatao, Chief Science Research, Philippine Space Agency

Joan Chesoni, Attorney General Rep. and Space Lawyer, KSA Board of Directors

Moderator: **Aarti Holla-Maini**, Director, UNOOSA

1620 - 1630 **Video Message from the Valquiria Mission: An All-Female Crew Advancing Gender-Sensitive Space Technologies - Women Aero Steam (Latin America)**

1630 - 1730 Panel: Space Exploration for All: Analogue Missions as a Tool for Innovation

Keynote: Mara Cecilia Fernandez Marcias, Captain of the Uruguayan Air Force and Commander of the Valkyria Analogue Mission

Estel Blay Carreras, Scientist & Health and Safety Officer, Hypatia Mars Association (Spain)

Ilaria Cinelli, Space Healthcare Expert, AIKO Srl (Italy)

Jennifer Glee Blank, Senior Scientist, Blue Marble Space Institute of Science (US)

Moderator: Nyambura Kamau, Founder, Viwanda Africa Group (Kenya)

1730 Wrap-up and Closure

1900 RECEPTION - Trademark hotel, 2nd Floor, Back Terrace

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DAY 2

0900 - 1005 **Session: Actionable Initiatives for Education at Grass-Roots Level**

Uchenna Onwuamaegbu-Ugwu, Founder, Edufun Technik (Nigeria)

Jemima Enyonam Kwakuyi, Astronomy Educator and Junior Electronics Engineer, Xavier Space Solutions (Ghana)

Lily Rospeen Asongfac, Founder, Youths for Sustainable Space Development (Cameroon)

Hira Fatima, Space Education Advocate, University of Karachi (Pakistan)

Ira Sharma, Junior satellite research fellow, Nepal Space Foundation (Nepal)

Susan Murabana, Co-founder, Travelling Telescope (Kenya)

Moderator: **Anne-Claire Grossias**, Associate Programme Officer, UNOOSA

1005 - 1035 **Breakout discussions**

1035 - 1050 **COFFEE BREAK**

1050 - 1100 **Video Message from the All-Female Winning Crew - UNOOSA Space 4 All HyperGES Opportunity: Hyper Gravity Experiments on Blood Cells** Research Crew from the Universidad Católica Boliviana "San Pablo" (Bolivia)

1100 - 1210 **Panel: Empowering Women in Space Research and Innovation**

Georgina Chavez, Research coordinator, Universidad Católica Boliviana "San Pablo" (Bolivia)

Smita Francis, Senior Lecturer, Namibia University of Science and Technology (Namibia)

Julia Milton, Engineer, NASA (United States of America)

Betsy Makena Mugo, Tutorial Fellow, Department of Geospatial and Space Technology of the University of Nairobi (Kenya)

Rania Toukebri, Senior Team Leader, Akkodis Aerospace and Defense (Tunisia)

Moderator: **Jennifer Glee Blank**, Senior Scientist, Blue Marble Space Institute of Science (United States of America)

1210 - 1230 **Keynote: Research on Inclusive Online Learning with a Focus on Africa**

Nora McIntyre, Associate Professor in Educational Innovation, Southampton Education School (United Kingdom)

1230 - 1330 LUNCH

1330 - 1340 Story-Telling segment

Charlynnne Jepkosgei, Founder, Women in Space Kenya (Kenya)

Giovanna Estefania Ramirez, STEM Director, Scientific Corporation of the Aerospace Sector (Colombia)

1340 - 1450 Panel: sharing actionable and tailored capacity-building solutions for reaching gender equality in space and STEM

Anita Antwiwaa, Dean of Engineering, All Nations University (Ghana)

Carolyn Deaderick, Command lead for Women, Peace, and Security, US Space Command (US)

Nadia Fernanda Sanchez Gomez, CEO and founder, She Is Foundation (Colombia)

Mindy Sue Howard, CEA and Founder, Inner Space Training (Netherlands)

Anjana Narendra Vyas, Professor, LJ University (India)

Moderator: **Shimrit Maman**, Senior Scientist, Ben-Gurion University (Israel)

1450 - 1510 COFFEE BREAK

1510 - 1650 Workshop segment: Improving STEM Education for Women and Girls in Marginalized Communities to Advance Gender Equality in the Space Sector.

1700 Wrap-Up and Closure of the Plenary

1700 - 1830 Special Session for Policy Makers: Unlocking Education for Girls in Marginalized Communities through Satellite Communication



DAY 3

0900 - 0920 **Keynote: Case Study on Use of Satellite Connectivity to Unlock Education for Girls in Marginalized Communities in Kenya – The Imlango Project**

Caterine Wangeci, Africa Region Head, Whizz Education (Kenya)
Richard Marett, CEO, Whizz Education (UK)

0920 - 1020 **Panel: Raising Global Awareness: Successful Outreach Initiatives**

Cesar Costa, CEO, NewSpace Advisors (Uruguay)
Claire Elss, President, Cosmos for Humanity (France)
Katarina Pavlovic, President, Serbian Office for Space Sciences Research and Development (Serbia)
Mary Onguko, Regional Business Development Executive for East Africa, Avanti (Kenya)
Catalina Sanchez, President and co-founder, Latine Women in Space (Costa Rica)

Moderator: **Aarti Holla Maini**, Director, UNOOSA

1020 - 1050 **Breakout discussions**

1050 - 1110 **COFFEE BREAK**

1110 – 1200 **Panel: Entrepreneurship for Women in the Space Sector - The Keys to Success**

Angela Corbari, Founder, Studiomapp Srl (Italy)
Vivianne Meta, Managing Director, MD Locate IT (Kenya)
Nandi Mtethwa, Management Consultant, DE Africa/RIIS (South Africa)

Moderator: **Anne Claire Grossias**, Associate Programme Officer, UNOOSA

1200 - 1230 **Breakout discussions**

1230 - 1330 **LUNCH**

1330 – 1345 Story-Telling segment

Besma Guesmi, Lead Data Scientist, Ubotica (Tunisia)

Ruth Jebet Kipchumba, Young professional, Space Generation Advisory Council (Kenya)

1345 – 1545 Drawing Recommendations for Follow-Up Actions

Panel discussion of moderators (30 minutes)

Breakout discussions (45 minutes)

Report to plenary (45 minutes)

Moderator: **Joan Chesoni**, Attorney General Rep, KSA Board of Director, Space Lawyer (Kenya)

1545 - 1600 Closing remarks

Aarti Holla-Maini, Director, UNOOSA

Brig. Hillary Kipkosgey, Director General, Kenya Space Agency

Roseline Njogu, Principal Secretary, State Department for Diaspora Affairs of Kenya

1600 Goodbye Tea and Closure of the 5th Space4Women Expert Meeting

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