

# United Nations/United Arab Emirates High Level Forum

## INTERNATIONAL BENEFITS FROM SPACE: THE ASI VIEW

Italian Space Agency (ASI)
Prof. Enrico Flamini, Chief Scientist



#### DVS 2016-2025 – ASI Vision for Space

Promote the development of services and products for the Space Economy

Promote the development and use of infrastructures for the Space Economy

Accelerate and sustain the scientific and cultural progress

**Space Diplomacy** 



### DVS 2016-2025 – ASI Strategic Vision for Space

Promote the development of services

Products and Infrastructures for the Space Economy

Space services and applications



Technology Transfer **Mirror GALILEO** 

Mirror COPERNICUS

BIG DATA

Management

Use of space infrastructure

COSMO-SkyMed . SIASGE - SENTINELS
PRISMA – SHALOM
Athena-FIDUS
SIGMa/URBIS

ISS
EXOMARS MARS2020
Deep Space Communication

ARIANE – VEGA
Re-entry vehicle to Earth
Malindi Base



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## DVS 2016-2025 - ASI Strategic Vision for Space

## Sustain the scientific and cultural pogress

**Space Science Data Center** 

Payloads and Sensors for high energy studies

Istrument for Planetary, Solar System and Exoplanets Sciences

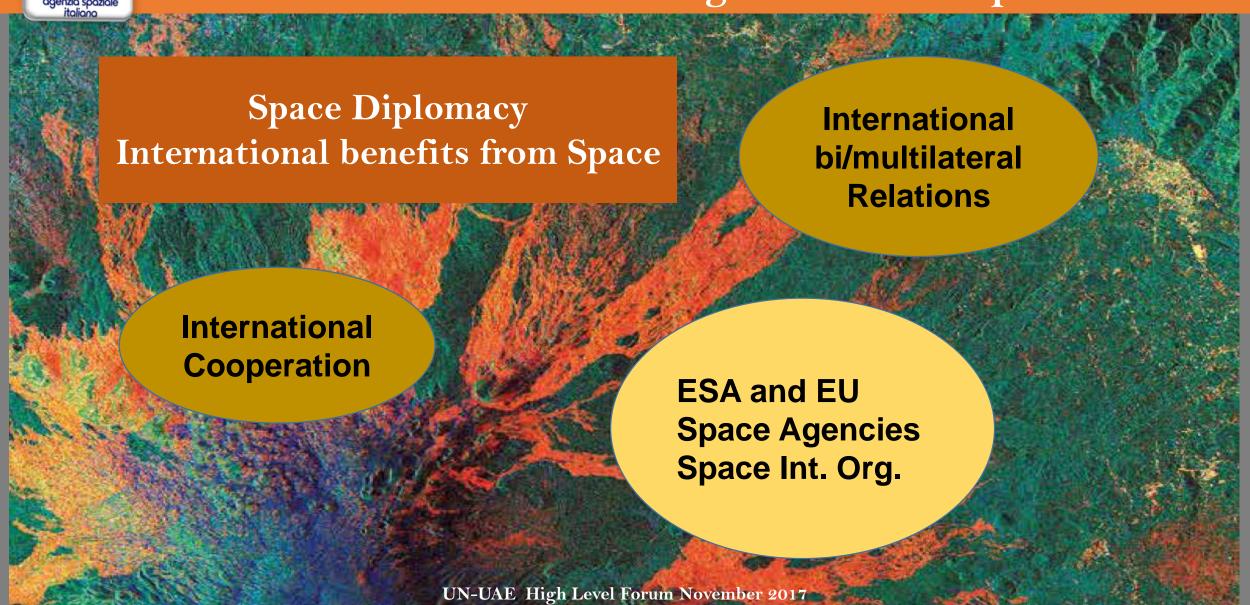
Cosmology and Fundamental physics NEO

Scientific and technological research on the ISS

**Earth Sciences ASI Geodesy Center** 



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#### ISF 2016 in Trento





The 1st Ministerial ISF was jointly organized by the Italian Space Agency (ASI) International Astronautical Federation (IAF) and International Academy of Astronautics (IAA) under the mandate of the ASI President, Prof. Roberto Battiston,

as IAF Vice President for Science and Academy relations

**Climate Change** 

Big Data Management

**Earth Observation** 

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### Trento Space Statement



- Involve University and Academy in the conception, design and exploitation of Space missions and programs
- Include University and Academy expertise in the governmental agendas, to contribute to find the best solutions to global challenges.
- Support the development and harmonization of Space Curricula at local, regional and international level, paying the greatest attention to developing countries.
- Promote open and free access to space based data and information.



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#### Next - ISF in Nairobi



#### **OUTPUTS**

- Adoption of the AFRICA Page to be added to the Trento Space Statement
- Contribute to the UNISPACE+50, UN agenda 2030 and the Africa Union Agenda 2063

#### **SPACE PARTNERSHIPS**

Fair and mutually beneficial Space partnerships among countries with different levels of space knowledge to

- disseminate space knowledge and technology transfer
- foster regional collaboration





Agenda 2063





