



# 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**

Promote the development of services  
Products and Infrastructures for the Space Economy

## Space services and applications

**Mirror GALILEO**

**Mirror  
COPERNICUS**

**BIG DATA  
Management**

**Technology  
Transfer**

## 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**



**Sustain the scientific and cultural progress**

**Space Science Data Center**

**Payloads and Sensors for high energy studies**

**Instrument for Planetary, Solar System and Exoplanets Sciences**

**Cosmology and Fundamental physics  
NEO**

**Scientific and technological research on the ISS**

**Earth Sciences  
ASI Geodesy Center**

**Space Diplomacy**  
**International benefits from Space**

**International  
bi/multilateral  
Relations**

**International  
Cooperation**

**ESA and EU  
Space Agencies  
Space Int. Org.**



# ISF 2016 in Trento



The 1<sup>st</sup> 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



# 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.





# Next - ISF in Nairobi



## SPACE PARTNERSHIPS

### 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

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

- **disseminate space knowledge and technology transfer**
- **foster regional collaboration**





GRAZIE, THANK YOU

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