



The Italian National Space Day *The Space Economy* December 16th, 2022

Venue: Four Oaks Hall, 2nd floor, 1330 Post Oak Blvd., Houston, TX

Agenda

8:30 – 9:00 am

Check-in & refreshments

9:00 – 9:30 am

Welcoming Remarks

- *The Italian Ambassador Mariangela Zappia, Italian Embassy, Washington DC (recorded message).*
- *The Consul General of Italy in Houston Mauro Lorenzini.*

9:30 – 12:10 am

Morning session

Session Chair: Prof. Alberto Pimpinelli, Executive Director of the Smalley-Curl Institute of Rice University, Houston, TX

- Prof. Daniele Mortari, Texas A&M University, Department of Aerospace Engineering, College Station, TX, *“Luigi Broglio, the San Marco Project, and The Flower Constellations”*.
- Prof. David Alexander, Director, Rice Space Institute, Houston, TX, *“Developing the Technology Bridge between Earth and Space”*.
- Prof. Alessandro Grattoni, Houston Methodist Department of Nanomedicine, Houston, TX, *“Space Nanomedicine for Earth Applications”*.
- Prof. Roberto Furfaro, Deputy Director Space4 Center Director of UA Space Systems Engineering Laboratory, University of Arizona, Tucson, AZ, *“From Space Exploration to Space Domain Awareness: The role of AI in developing the new Space-Based Economy”*.

12:15 – 1:30 pm

Lunch

1:30 – 2:50 pm

Afternoon session

Session Chair: Prof. Riccardo Bevilacqua, Embry-Riddle Aeronautical University, Daytona, FL

- Prof. Renato Zanetti, The University of Texas at Austin, Department of Aerospace Engineering and Engineering Mechanics, Austin, TX, *“NASA Artemis 1”*.
- Prof. Pietro Milillo, University of Houston, Department of Civil and Environmental Engineering, Cullen College of Engineering, Houston, TX, *“Spaceborne remote sensing environmental monitoring: the Italian contribution”*.

2:50 – 3:00 pm

Final Remarks

Antonella Incicchitti – Scientific Attachè