



Italian MVA
Space Summer School
"Towards the Humans return to the Moon"

A multidisciplinary Summer School focused on the "Beginning the New Lunar Journey for Humanity".
Main topics: Sciences, Engineering, Economy, Health, Arts and Literature

Rome, IT [or online]
24-25 July
8:30 am - 7:30 pm

The first Italian MVA **Space Summer School: "Towards the Humans return to the Moon"**

Italian members of **Moon Village Association (MVA)** and institutional partners, to celebrate the **International Moon Day 2023**, have organized the Space Summer School to be held July 24 and 25 at La Sapienza University in Rome (Italy).

The school will pursue the goals of **IMD2023**, focused on "**Beginning the New Lunar Journey for Humanity**", and promote the expertise and research interests of Italian associates and the MVA's institutional partner to network between students and stakeholders. The topics addressed will have as their main focus the future activities of Lunar Space Exploration, but will reflect MVA's characteristic of considering the topic from the perspective of more than one discipline (**Science, Engineering, Economics, Health, Art and Literature**), implementing a multi- and cross-disciplinary teaching approach.

Note. The school will be in **English** and is aimed at those who want to get an overview of the main topics related to Lunar Exploration. A **certificate of attendance** will be awarded at the end of the Summer School.

Day 1 24/7/2023
(08:00-18:40 CET)

July 24

08:00 - 09:00 Registration

09:00 - 09:10 MVA Space Summer School Presentation

Alessandro Bartoloni (MVA)

09:10 - 09:15 The International Moon Day 2023 (video)

Nasr A. Al-Sahhaf (MVA)

09:15 - 09:30 The Moon Village Association

Giuseppe Reibaldi (President MVA)

09:30 - 10:30 Living on the Moon: Settlements Ideas

Paolo Caratelli (Abu Dhabi University & MVA)

Ilaria Fiore (SEDS Italia & MVA)

10:30 - 11:00 Lagrange Points: Kickstarting a Cis-Lunar Economy for the 21st Century

Paolo Mangili (Houston University & MVA)

11:00 - 11:30 Break

11:30 - 12:30 The Cislunar City: The Way to the Moon

Gennaro Russo (Center for Near Space of IIF)

12:30 - 13:30 Lunch Break

13:30 - 14:30 Students Associations Corner

Ilaria Fiore , Easha Tahzeen (SEDS Italia/Polispace)

Alessia Gloder , Selene Cannelli (SGAC)

13:30 - 14:30 Are we communicating space correctly ?

Emma Gatti (SpaceWatch.Global)

14:30 - 15:15 Sustainable Moon Exploration: Good Practices for a Resilient Lunar Journey

Malak Trabelsi Loeb (Vernwell Group)

15:15 - 16:00 Space Anthropology

Jane Davies (University College of London)

16:00 - 16:30 Break

16:30 - 16:55 Unlocking the Moon's potential

Laura Todd (VP of Space Exploration Future Programmes at Airbus Defence and Space)

16:55 - 17:25 In slippers on the Moon

Marco Peroni (Peroni Ingegneria & MVA)

17:25 - 17:50 Space Radiation: The Moon Case

Alessandro Bartoloni (INFN Roma & CERN)

17:50 - 18:10 Landing the future : Lunar Landing Pads and Inflatable Lunar Landers

Preve Chobert (ESA-EAC & SEDS France)

18:10 – 18:35 The moon as a stepping-stone to a multi-planetary humanity

Vittorio Netti (Houston University)

18:35 - 18:40 Wrap-Up

Alessandro Bartoloni (MVA)

**Day 2 , 25/7/2023
(08:30-18:15 CET)**

July 25

08:30 - 09:30 Registration

09:30 - 10:00 From the Big-Bang to the Moon

Giovanni De Maria (Sapienza)

10:00 - 11:00 Lunar Economy

Mattia Pianorsi (SEE Lab -SDA Bocconi)

Walter Cugno (Thales Alenia Space)

11:00 - 11:30 Break

11:30 - 12:30 Moon Exploration

Simone Pirrotta (Italian Space Agency)

12:30 - 13:30 Lunch Break

13:30 - 13:50 Robots for solar sintering

Brendam Mance (WARR & TUM)

13:50 - 14:40 Advancements in Lunar Exploration

Giovanni Giordano (NewRoboticArm)

14:40 - 15:30 The Sociology of Lunar Settlements

Riccardo Campa (Jagellonian University of Krakow)

15:30 - 16:00 Break

16:00 - 16:30 Culture on the Moon and Preservation of Human Heritage

Remo Rapetti (MVA)

16:30 - 17:00 Why go to the Moon ?

Arthur Woods (ArsAstronautica & MVA)

17:00 - 18:00 Lunar Governance

Giuliana Rotola (Sant'Anna Schools of Advanced study)

Aj Link (Center for Air and Space Law)

18:00 - 18:15 Summary and Conclusion

Alessandro Bartoloni (MVA)

Giuseppe Reibaldi (President of MVA)