

2025 Workshop & Symposium

9th Global Moon Village Workshop & Symposium

December 3-4
Turin, Italy

Hosted by



Under the patronage of



Organizer : Moon Village Association (MVA)
Host : Italian Association of Aeronautics and Astronautics (AIDAA)
Partner : Italian Space Agency (ASI)
Date : December 3-4, 2025
Venue : Lingotto Congress Center, Turin, Italy
Theme : Towards a Sustainable Lunar Future



DAY 1 – December 3rd 2025

9:00
9:20

Welcome & Introduction

- Giuseppe Reibaldi – MVA President
- Erasmo Carrera – AIDAA President
- Cornelia Hillenherms – CEAS President
- Alessandro Bartoloni & Enrico Zappino – IPC MVAW 2025

9:20
10:15

Keynotes Agencies

- Aarti Holla Maini – Director UNOOSA
- Bo Byloos – Luxemburg Space Agency
- Ayman M. Ahmed – Egyptian Space Agency
- Wang Zhongmin – Deep Space Exploration Laboratory

10:35
12:05

Keynotes Companies

- Walter Cugno – TASI
- Atsushi Saiki – iSpace
- Marco Tantardini – Lockheed Martin
- Fabrizio Paolillo – Telespazio
- Seiko Shirasaka – Keio University

12:05
12:55

Panel 4: Enabling Technologies for Lunar Exploration

Moderator: Maria Antonietta Perino, TASI

- Simone Pirrotta – Italian Space Agency
- Ayman M. Ahmed – Egyptian Space Agency
- Antonella Ferri – TASI
- Mariella Graziano – GMV
- Logan Ware – Blue Origin

14:15
15:15

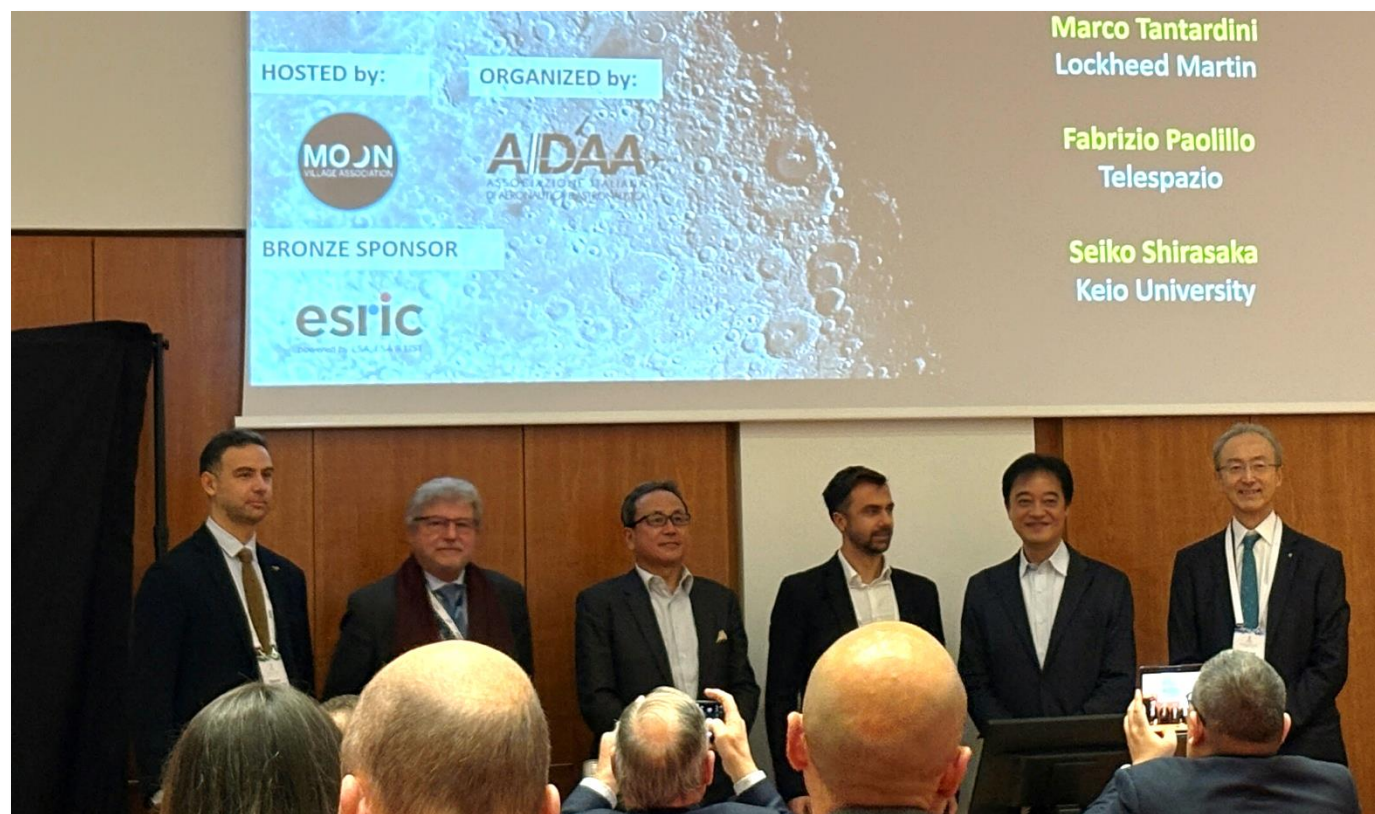
Technical Talks – Experimental Missions & Technology Demonstrations

Testing in Aerospace
Paolo Muraro

An Experimental Demonstration Towards a Long-Term Establishment on the Moon: the EDEN project
Alessandro Petrone

8From Moonquakes to Moon Bases: MEDUSA Mission
Maria Felicia della Valle

A versatile laboratory for Moon-based experiments on biological response to lunar environment
Gianluca Pellicchia



Technical Talks – Moon Village Governance & Vision

The "Terra Lunaris" project
Dirk Schumann

14:15
15:15

A Lunar Oasis in Mare Tranquillitatis
Wernen Grandl

From Flags to Villages: Building the Moon's First Community will Depend Less on
Rockets Than on Rules
Angshuman Kaushik

PromoMoon
Shima Suresh

Tribute Session Claudio Maccone

15:15
15:35

- Michael Garrett
- Nicolò Antonietti

Panel 8: Looking Beyond: From the Moon Village to the Cislunar City

15:55
16:40

Moderator: Gennaro Russo

- G. De Martino - CNS-IIF&PCA int.
- F. V. Moronese - CNS-IIF

Panel 11: Financial and tech. Convergence in Deep tech for Space exploration

15:55
16:40

Moderator: Olivier Zhephyr, Technoport

- Tomasz Adach - Astroport
- Inna Uwarowa - Lightigo Space
- Edder Santana - Lunar Outpost
- Lari Cujko - ESRIC

Panel 2: Lunar Industry

16:40
17:25

Moderator: S. Kurosu, MVA board - Industry Working Group Chair

- Atsushi Saiki - iSpace
- Misuzu Onuki - SparX
- Yosuke Enomoto - PwC
- Lari Cujko - ESRIC

Education & Outreach & MVA Academy of the Moon Village Association

17:25
17:40

MVA agriculture working group status and plan (video)

Borja Barbero Barcenilla

17:40
18:00

International Moon Day 2025 Keynotes

- Nasr Al Sharaf (On line)
- Saeed Aldhaeri – Dubai University (video)



DAY 2 - December 4th 2025

8:45
9:40

Keynotes Agencies

- Ulpia Botezatu, UN COPUOS STSc Chair, ATLAS Co-Chair
- Simone Pirrotta, ASI
- Ikkoh Funaki - ISAS/JAXA
- Mr. E. S. Padmakumar - Director, SDSC SHAR

10:00
10:50

Panel 7: Science-born instruments, models and methods applied to space resources assessment

Moderator: Simone Pirrotta, ASI

- Fabrizio Fiore - INAF
- Ernestina Binni - ESRIC
- Mohamed El Awag - La Sapienza
- Michele Lavagna - Politecnico di Milano
- Logan Ware, Blue Origin

10:50
11:40

Panel 1: Lunar Governance

Moderator: Ulpia Botezatu, UN COPUOS STSc Chair, ATLAS Co-Chair

- Ikkoh Funaki - ISAS/JAXA
- S. Sudhakar - ISRO
- Wang Zhongmin - DSEL
- Simone Pirrotta, ASI

11:40
12:40

Panel 3: Human Physiology & Astronauts Panel

Moderator: Carlo Aleci

- Dorin Prunariu - Former Astronaut
- Franco Malerba - Former Astronaut
- Carlo Aleci "The Eye on the Moon: Risk and Countermeasures"

11:40
12:40

Panel 5: Public-Private Collaborations models to foster Lunar Economy

Moderator: Mattia Pianorsi

- Clelia Iacomino - ESPI
- Mauro Piermaria - PCM-UDPS



13:40
14:15

Panel 12: From earth to the Moon How Cross-sector Innovation Accelerates Space Readiness

Moderator: Olivier Zhephyr, Technoport

- Piero Messidoro - CEIPIEMONTE
- Ernestina Binni - ESRIC
- Severin Luhr - Fibercoat
- Roderick Rühl - Polimak Space



Technical Talks - Energy Systems, ISRU & Future Lunar Habitats

Quantitative comparative assessment of ISRU lunar processes for oxygen production
Matteo Curcio

Adaptive Multi-Role Rover for Extraterrestrial Construction and Exploration
Jan Perera

GLAMS: 3D printing for lunar bases
Lorenzo Olivieri

Autonomous Moon Power and Environmental Research Element
Antonio Niro

On the opportunity to leverage Spent Nuclear Fuel for Scalable Radioisotope Power System Enabling Lunar Night Survival
Mihails Scepanskis

Challenges of Lunar Extractivism
Andrew Thomas

Beyond Terraforming: The 'Core Biome Complex' and 'Terrawindows' as a Blueprint for Sustainable Space Habitats
Yamashiki Yosuke

Lunar Analog Mission KRATOS
Moukarzel Maria

14:15
16:10

Panel 9: Women in Aerospace

Moderator: Ernestina Binni

- Christiane Bergemann - OHB System AG
- Stefania Grotti - Fondazione Bicocca
- Veronica Moronese



16:45
17:30

MVA, AIDAA & CEAS
JOINT CLOSING CEREMONY & MVA ANNOUNCEMENTS