

BUILDING THE FOUNDATIONS FOR AN INTERNATIONAL AND CROSS-SECTOR
COLLABORATION FOR A PERMANENT AND SUSTAINABLE RETURN TO THE
MOON SURFACE



Angeliki Kapoglou
Moon Village Association
UNOOSA High Level Forum 2017

Space exploration is not about technology. Is about values and human relationships.

In the history of spaceflight until now,
the path to space has been for the
brave and the careful few
And creating a space settlement
sounded like an expensive, science
fiction scenario.

Something feels different
about space exploration
these days.

Settling space is now a
goal rather than a dream.

What is different this time, is that return to the Moon, is currently not driven so much by national pride but by personal motivations of wealthy individuals, who see space exploration as part of their legacy.



Billionaire Moguls Join Musk, Bezos in Race to Outer Space

By **Tom Metcalf**

August 21, 2017, 12:00 PM GMT+3 *Updated on* August 21, 2017, 4:50 PM GMT+3

-
- Brokers, lunar ventures invest in rocket enterprises
 - 16 of the world's 500 richest people have space investments

Jeff Bezos just sold \$1.1 billion Amazon stock

by Jackie Wattles @jackiewattles

🕒 November 4, 2017: 5:19 PM ET



Jeff Bezos is now the richest man in the world

Jeff Bezos lays out his vision for city on the moon, complete with robots

BY **ALAN BOYLE** on May 20, 2017 at 5:42 pm

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Artist's concept shows Blue Origin's Blue Moon lander on the lunar surface. (Blue Origin Illustration)

SpaceX billionaire Elon Musk may have his heart set on **building a city on Mars**, but Amazon billionaire Jeff Bezos' space vision looks closer to home. He's gazing at the moon.



SPACE SHIP

- ASSEMBLY INSTRUCTIONS:
- 1) Place box on floor
 - 2) Carefully place space traveller in box
 - 3) Blast-off noises

Prime shipping label

AIRplus by StonePack

SpaceX to send two people around the moon who paid for a 2018 private mission

CEO Elon Musk said the private journey would take about a week, nearing the moon's surface without landing on it

SPACEX

FALCON 9

FALCON HEAVY

DRAGON

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FEBRUARY 27, 2017

SPACEX TO SEND PRIVATELY CREWED DRAGON SPACECRAFT BEYOND THE MOON NEXT YEAR




We are excited to announce that SpaceX has been approached to fly two private citizens on a trip around the Moon late next year. They have already paid a significant deposit to do a Moon mission. Like the Apollo astronauts before them, these individuals will travel into space carrying the hopes and dreams of all humankind, driven by the universal human spirit of exploration. We expect to conduct health and fitness tests, as well as begin initial training later this year. Other flight teams have also expressed strong interest and we expect more to follow. Additional information will be released about the flight teams, contingent upon their approval and confirmation of the health and fitness test results.

Elon Musk: We need a lunar base to help 'fire up' the public about...

3:34 PM ET Wed, 19 July 2017



Speaking at the International Space Station Research and Development Conference on Wednesday, Tesla and SpaceX Founder Elon Musk said we need to build a base on the moon to help support missions to Mars and to spur public support for space exploration.



elonmusk 

Ακολουθείτε



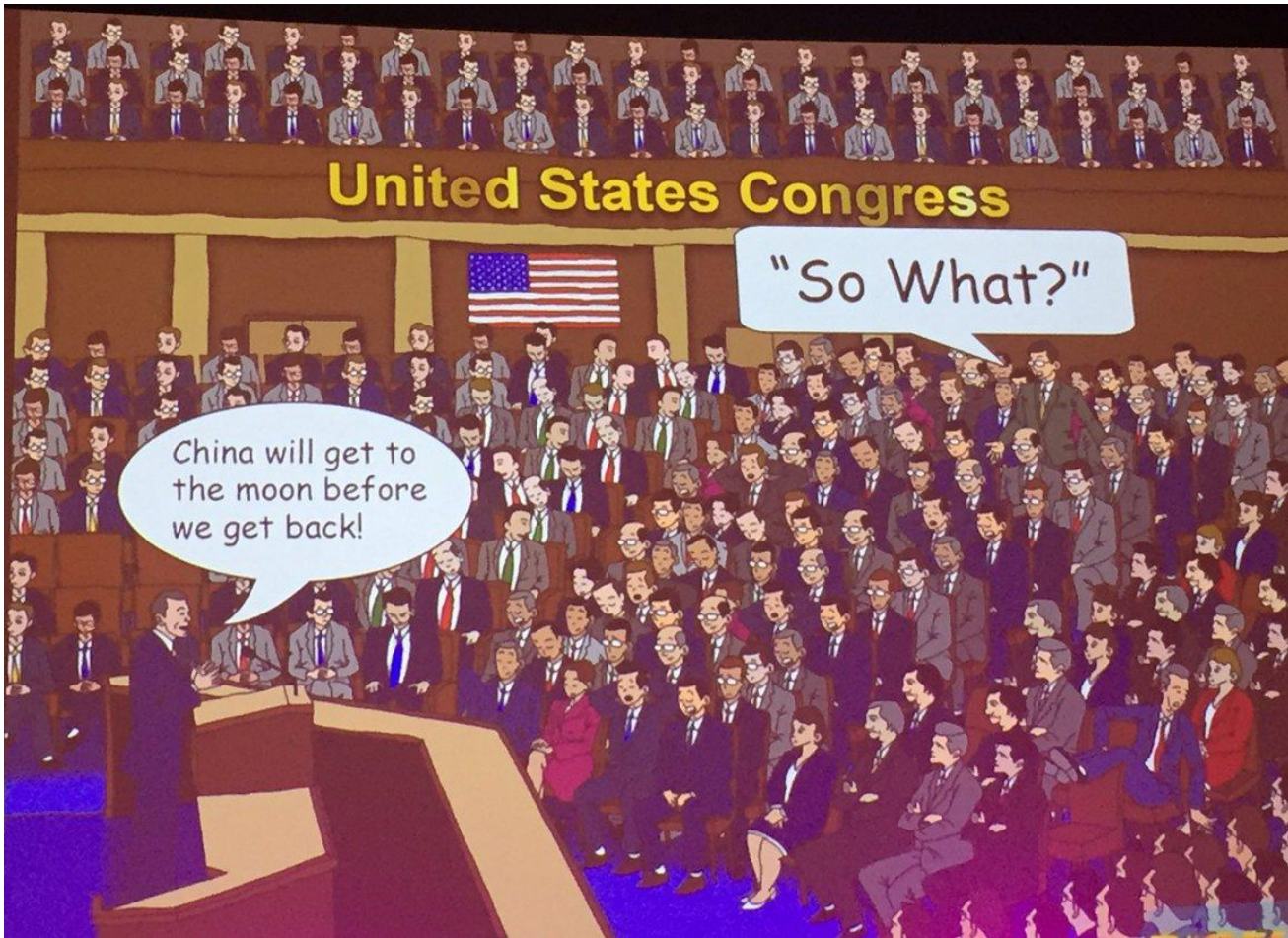
 Αρέσει σε 226.3 χιλ.  2,282 σχόλια

Moon Base Alpha

29 ΣΕΠΤΕΜΒΡΙΟΥ



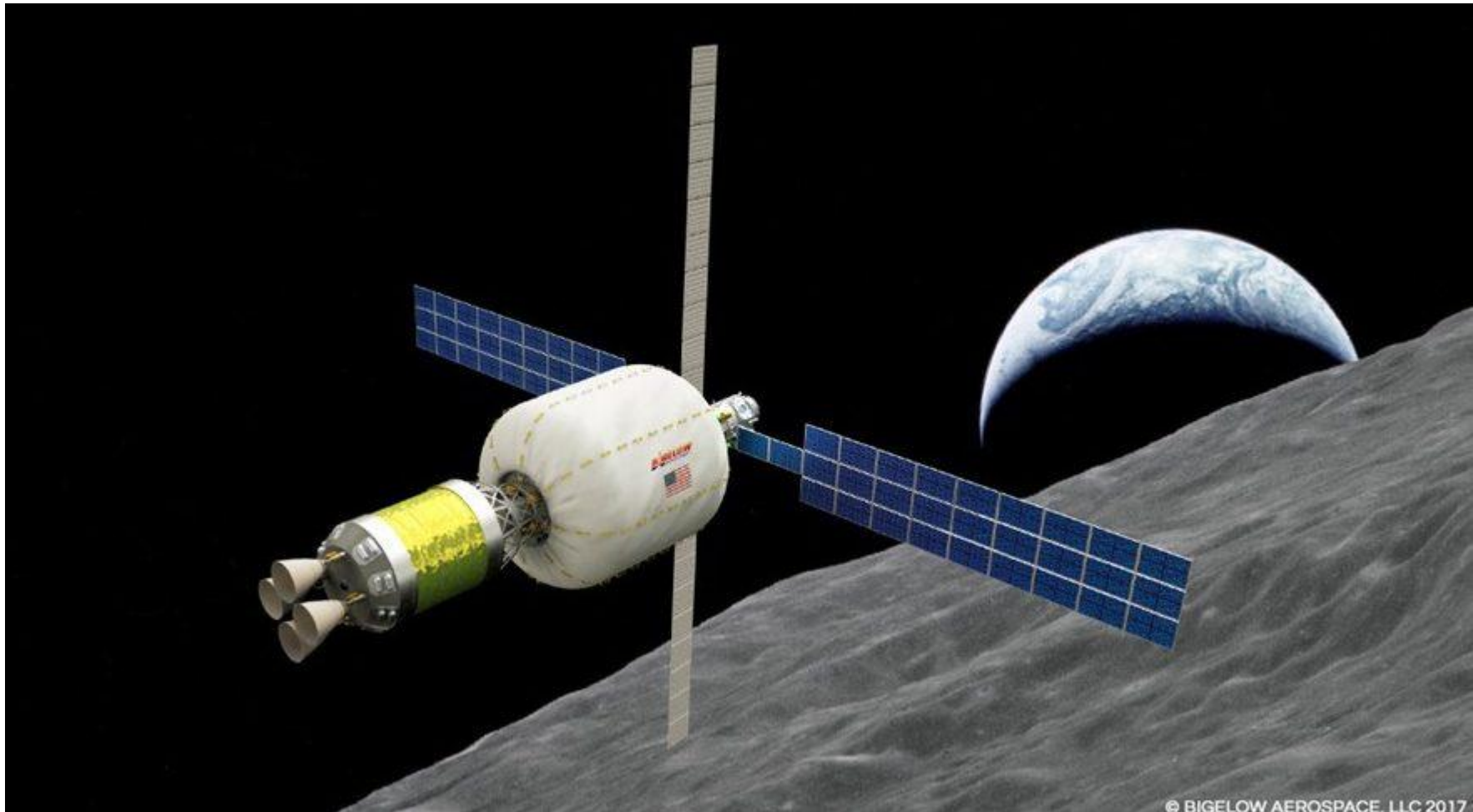
“It’s 2017, we should have a lunar base by now,” he said during a 40-minute speech at the International Astronautical Congress. “What the hell has been going on?”



United States Congress

China will get to the moon before we get back!

"So What?"



Low Cost Strategies for Lunar Settlement

A One Day Workshop to Backup the Biosphere

Saturday August 23rd 2014 | 9am to 5.30pm

At Draper Fisher Jurvetson, 2882 Sand Hill Rd #150,

Menlo Park, CA 94025



The critical question of the international space policy for the twenty-first century and UNOOSA's Space 2030 Agenda?

How can we balance the increasing role and initiative of private spaceflight capabilities with the responsibility of government investment to promote the public good?

How can we build societal values like diversity and equality into space exploration?

How can we collectively prepare for novel, cost-efficient and agile programs for a permanent return to the lunar surface and allow for space agencies, commercial space, philanthropists and citizens to create an integrated, mutually reinforcing strategy?

Making any real headway in the coming decade, will require building an unprecedented level of collaboration between leaders in the private and public sectors, unused to working together.

Shifting from isolated impact to collective impact is not merely a matter of encouraging more Public-Private Partnerships (PPPs).

What is also needed is the informal sense of shared values, sources of pride, common language, and trust in others' intentions problems that emerge "off-plan".

If you want to accelerate the creation of humanity's first settlement off earth, there is a place for you in this adventure.

The Moon Village Association (MVA) is a new, international, non-profit organization, founded to promote the world-wide discussion and formulation of plans concerning the "Moon Village" initiative.

The MVA together with the International Space University (ISU), are planning the 1st International Moon Village Workshop between the 19-21st of November 2017 at the ISU campus, in Strasbourg, France. This workshop will be interdisciplinary in scope and will focus on the production of a series of deliverables related to different aspects of the Moon Village (architecture, scientific opportunities, finance, governance and culture).

Keynote Speaker will be ESA's Director General, Prof. Jan Woerner.

Other VIP speakers from NASA, JAXA, Lockheed, Airbus, iSpace, Part Time Scientists, LEAG, Hawaii Moon Base team and more!

The output of this workshop will be presented at the International Space Exploration Forum (ISEF) in Tokyo and at UNISPACE+50, in Vienna, in June 2018.

ENQUIRIES

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The Moon Village Association

To register <https://www.moonvillageassociation.org/events>

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