

11 interesting facts about ISS International Space Station not everyone knows

International Space Station or International Space Station (abbreviated as ISS) is a complex of works to study the space launched into space in 1998.

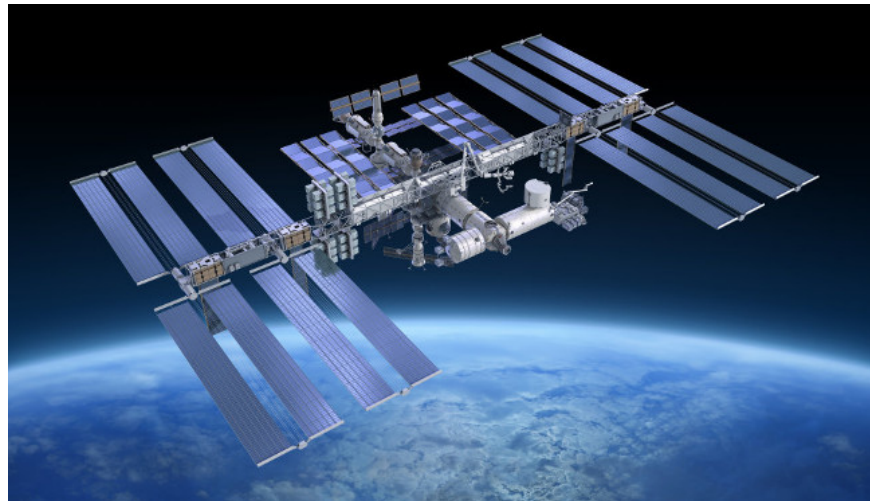
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1. Beautiful Earth video at night is filmed from the International Space Station ISS
2. Why does SpaceX send the deadly virus to the International Space Station?
3. The Russian astronaut announces to find extraterrestrial life on the ISS Space Station

ISS is a collaboration of five space agencies: NASA (USA), JAXA (Japan), RKA (Russia), CSA (Canada) and 10 of 17 member states of ESA (Europe).

Here are 11 interesting but little-known things of the International Space Station Station (ISS).

1. ISS operates until 2028



Due to regular maintenance, until 2028, ISS continues to be an important scientific research base, playing a role in developing the next target for human flight to space, beyond. out of orbit Earth.

2. ISS station plays an important role in ending the Cold War

After the Soviet Union disintegrated, Russia could not meet the financial resources, resources, technical and labor facilities to maintain its own space station program called Hoa Binh or Mir.

This forced Russia to shake hands with the United States to perform its duties in the Mir program. Then the global space partners (US, Europe, .) officially ensured Russia's participation in the ISS program. Establish new relations between Russia and other countries.

3. ISS very big

The size of the ISS is very large, equivalent to an American football field with laboratories, housing, air buttons, and train stations. Inside the ISS is bigger than the Boeing 747.

International Space Station is considered the most complex science project in the world.

4. ISS is very heavy but very light

The ISS weighs about 400 tons, double the Boeing 747 but due to being in a zero gravity environment it is very light.

5. ISS can be observed from Earth with the naked eye

The ISS is the third brightest object in the sky of the Earth after the Moon and the Sun because it has large solar panels that reflect sunlight well.

With an altitude of only 319.6 km to 346.9 km from the ground, humans from the Earth can see the ISS station with the naked eye if in the proper position.

6. Step outside the universe from the ISS station

Since 1998, there have been more than 190 turns of astronauts leaving the ISS station traveling in space. The last time was in August 2017, two Russian astronauts walked out of the ISS station and walked 7 and a half hours in space.



7. America is not the largest partner to spend budget for ISS

Although NASA - the US Aeronautics and Space Agency topped the research program on the ISS, Europe is the largest contributor to the budget.

The US contributed only 19% of the budget for installing modules on ISS less than Europe with 29%, Russia 24%, and Japan 22%.

8. To go to the ISS station you must first go to Russia



In 2011, the US Shuttle program ended. From then on, the Russian Soyuz spacecraft became the only vehicle to take astronauts to the ISS station. The number of times Soyuz launched into orbit exceeded 100.

9. Living on the ISS station makes people age faster

Living on the ISS station, a gravity-free environment for a long time will cause the human body to lose blood cells and reduce the amount of calcium in the bone. This speeds up aging in humans.



10. ISS station is the world's most expensive space vehicle

Since its construction until now, the ISS station has cost about 160 billion USD, much more expensive than other space vehicles or other scale works built by humans.

11. Great movement speed



The ISS station has an average travel speed of 27,743.8 km / h, about 23 times the speed of sound, allowing it to fly to the Moon and return to the day. This speed allows ISS to fly 15.79 times around the Earth every day.

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