Space exploration



Beijing declared the launch of Shenzhou 19 a "complete success" - it is one of 100 launches China has planned in a record year of space exploration as it tries to outdo its rival, the United ...

Space exploration unites the world to inspire the next generation, make ground-breaking discoveries, and create new opportunities. Technologies and missions we develop for human spaceflight have thousands of applications on Earth, boosting the economy, creating new career paths, and advancing everyday technologies all around us.

Space exploration is the use of astronomy and space technology to explore outer space. [1] While the exploration of space is currently carried out mainly by astronomers with telescopes, its physical exploration is conducted both by uncrewed robotic space probes and human spaceflight.

3 · BEIJING (AP) -- Three Chinese astronauts returned to Earth on Monday after a six-month stay on the Tiangong space station, part of China's effort to be a global leader in space exploration. A parachute slowed their capsule's nighttime descent to a remote landing area in China's Inner Mongolia region. The crew emerged after touching down ...

15/10/2024 255057 views 336 likes. ESA / Science & Exploration / Space Science / Euclid. On 15 October 2024, ESA"s Euclid space mission revealed the first piece of its great map of the Universe, showing millions of stars and galaxies. This first chunk of the map, which is a huge mosaic of 208 gigapixels, was revealed at the International ...

Explore the International Space Station. We are driven to explore the unknown, discover new worlds, push the boundaries of our scientific and technical limits, and then push further. Read More on Assembly Elements

Webb's Science Goals. The James Webb Space Telescope is a giant leap forward in our quest to understand the Universe and our origins. Webb is examining every phase of cosmic history: from the first luminous glows after the Big Bang to the formation of galaxies, stars, and planets to the evolution of our own solar system.

Space exploration, investigation, by means of crewed and uncrewed spacecraft, of the reaches of the universe beyond Earth's atmosphere and the use of the information so gained to increase knowledge of the cosmos ...

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