



1

00:00:00,789 --> 00:00:04,990

"Here's some of the stories trending This Week at NASA!"

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00:00:04,990 --> 00:00:09,950

The SpaceX Dragon U.S. commercial cargo spacecraft arrived at the International Space Station

3

00:00:09,950 --> 00:00:15,460

April 10 -- two days after being launched from Cape Canaveral Air Force Station in Florida.

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00:00:15,460 --> 00:00:19,930

Dragon was captured with the space station's robotic Canadarm2 by Tim Peake of ESA (European

5

00:00:19,930 --> 00:00:23,840

Space Agency), with assistance from NASA's Jeff Williams, as the two spacecraft were

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00:00:23,840 --> 00:00:27,079

traveling over the Pacific Ocean west of Hawaii.

7

00:00:27,079 --> 00:00:32,800

The cargo craft was loaded with about 7,000 pounds of science and research investigations,

8

00:00:32,800 --> 00:00:35,770

including the Bigelow Expandable Activity Module.

9

00:00:35,770 --> 00:00:40,570

BEAM will be attached to the station's Harmony module for a two-year testing period.

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00:00:40,570 --> 00:00:45,420

Dragon's arrival is the first time two U.S. commercial cargo craft have been docked to

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00:00:45,420 --> 00:00:47,570
the space station at the same time.

12
00:00:47,570 --> 00:00:54,670
Orbital ATK's Cygnus spacecraft arrived
to the station on March 26.

13
00:00:54,670 --> 00:00:59,930
Administrator Charlie Bolden was one of several
NASA officials attending the 32nd Space Symposium

14
00:00:59,930 --> 00:01:04,400
held April 11-14 in Colorado Springs, Colorado.

15
00:01:04,400 --> 00:01:09,240
During remarks, the administrator reflected
on the progress made by NASA and its partners

16
00:01:09,240 --> 00:01:15,010
in the six years since President Obama challenged
NASA to send American astronauts to Mars in

17
00:01:15,010 --> 00:01:16,560
the 2030s.

18
00:01:16,560 --> 00:01:20,290
Bolden also accepted this year's John L.
"Jack" Swigert, Jr.

19
00:01:20,290 --> 00:01:25,640
Award for Space Exploration, presented to
NASA and members of the New Horizons mission

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00:01:25,640 --> 00:01:30,530
in recognition of the first ever flyby of
dwarf planet Pluto last July.

21
00:01:30,530 --> 00:01:34,610
The annual event has brought together space
leaders from around the world to discuss,

22
00:01:34,610 --> 00:01:41,840
address and plan for the future of space since
the inaugural symposium in 1984.

23
00:01:41,840 --> 00:01:48,010
NASA Chief Scientist Ellen Stofan attended
the April 13 White House Science Fair, celebrating

24
00:01:48,010 --> 00:01:52,780
student winners of science, technology, engineering,
and math (STEM) competitions from across the

25
00:01:52,780 --> 00:01:54,210
country.

26
00:01:54,210 --> 00:01:58,840
At the event, President Obama announced new
commitments in support of the Administration's

27
00:01:58,840 --> 00:02:04,159
Computer Science for All initiative announced
earlier this year, as well as the "Educate

28
00:02:04,159 --> 00:02:09,790
to Innovate" campaign designed to inspire
more students to excel in STEM subjects.

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00:02:09,790 --> 00:02:15,290
The president hosted the first-ever White
House Science Fair in 2010.

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00:02:15,290 --> 00:02:20,159
The USA Science and Engineering Festival kicked
off on April 15 at the Walter E. Washington

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00:02:20,159 --> 00:02:22,519
Convention Center, in Washington.

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00:02:22,519 --> 00:02:26,689

Interactive NASA exhibits at the three-day event provides opportunities for the more

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00:02:26,689 --> 00:02:33,129

than 350,000 expected visitors to take virtual reality walks on other planets, be photographed

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00:02:33,129 --> 00:02:39,150

in a spacesuit, and talk to experts about a variety of NASA topics, including rockets,

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00:02:39,150 --> 00:02:45,469

robots, X-Planes and deep space exploration, including the journey to Mars.

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00:02:45,469 --> 00:02:50,249

The Mars Ascent Vehicle Challenge on April 13 at the U.S. Space and Rocket Center in

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00:02:50,249 --> 00:02:54,970

Huntsville, Alabama was one of several activities conducted as part of this year's student

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00:02:54,970 --> 00:02:59,080

launch week at and near NASA's Marshall Space Flight Center.

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00:02:59,080 --> 00:03:03,809

During the event, students showed designs for autonomous robotic systems capable of

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00:03:03,809 --> 00:03:09,269

performing space exploration tasks, such as retrieving and storing samples.

41

00:03:09,269 --> 00:03:14,060

The next day at Marshall, NASA astronaut Kjell Lindgren talked with students about his time

42

00:03:14,060 --> 00:03:19,730
aboard the International Space Station as
a crew member of Expedition 44 and 45.

43
00:03:19,730 --> 00:03:24,150
Rounding out the week is the annual Student
Launch competition, which is scheduled for

44
00:03:24,150 --> 00:03:25,830
April 16.

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00:03:25,830 --> 00:03:30,120
Student Launch is a partnership with the Mars
Ascent Vehicle Challenge designed to engage

46
00:03:30,120 --> 00:03:34,730
students across the country in NASA's Journey
to Mars through hands-on activities in the

47
00:03:34,730 --> 00:03:39,959
areas of science, technology, engineering
and math (STEM).

48
00:03:39,959 --> 00:03:45,799
Almost 570 new meteorite samples recovered
by the Antarctic Search for Meteorites (ANSMET)

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00:03:45,799 --> 00:03:49,730
team, arrived at Johnson Space Center in Houston
on April 14.

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00:03:49,730 --> 00:03:55,249
The collection, which includes rare and scientifically
valuable pieces of Mars and our moon, as well

51
00:03:55,249 --> 00:04:00,239
as rocks from very early in the formation
and evolution of the solar system, were recovered

52
00:04:00,239 --> 00:04:05,329

from the Miller Range of the Trans-Antarctic Mountains during a 35-day excursion this past

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00:04:05,329 --> 00:04:07,180

November to January.

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00:04:07,180 --> 00:04:11,489

They will become part of the U.S. Antarctic meteorite collection housed at Johnson and

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00:04:11,489 --> 00:04:15,569

the Smithsonian Institution in Washington.

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00:04:15,569 --> 00:04:17,480

And that's what's up this week @NASA ...