



1
00:00:00,280 --> 00:00:02,190
Tracking the space station's next crew ...

2
00:00:02,190 --> 00:00:07,540
A distant and lonely neutron star ...

3
00:00:07,540 --> 00:00:13,160
And taking the bite out of some very dangerous
bugs – a few of the stories to tell you

4
00:00:13,160 --> 00:00:16,580
about – This Week at NASA!

5
00:00:16,580 --> 00:00:21,940
The next International Space Station crew,
including our astronaut Serena Aunon-Chancellor,

6
00:00:21,940 --> 00:00:27,760
was in Kazakhstan this week, ahead of its
scheduled June 6 launch to the station.

7
00:00:27,760 --> 00:00:33,680
Aunon-Chancellor, Sergey Prokopyev of Roscosmos,
and Alexander Gerst of the European Space

8
00:00:33,680 --> 00:00:40,230
Agency will spend just over six months aboard
the orbital outpost.

9
00:00:40,230 --> 00:00:45,199
Astronomers have discovered a special kind
of neutron star for the first time outside

10
00:00:45,199 --> 00:00:47,289
of the Milky Way galaxy.

11
00:00:47,289 --> 00:00:53,120
Located 200,000 light years from Earth, within
the remains of a supernova, this newly identified

12
00:00:53,120 --> 00:01:01,020
neutron star is a rare variety that has both
a low magnetic field and no stellar companion.

13
00:01:01,020 --> 00:01:08,390
A semi-autonomous, eco-friendly robot created
to kill and collect ticks is being tested

14
00:01:08,390 --> 00:01:12,000
at our Langley Research Center in Hampton,
Virginia.

15
00:01:12,000 --> 00:01:17,799
TickBot, created by Old Dominion University
in nearby Norfolk, uses a metal guide wire

16
00:01:17,799 --> 00:01:20,760
to patrol a predetermined perimeter.

17
00:01:20,760 --> 00:01:26,270
Carbon dioxide from the dry ice it releases
attracts the ticks to a piece of cloth which

18
00:01:26,270 --> 00:01:30,510
is treated with a pesticide that is non-toxic
to humans.

19
00:01:30,510 --> 00:01:35,280
TickBot is being tested at the center's
Child Development Center, where ticks have

20
00:01:35,280 --> 00:01:38,869
been found on students.

21
00:01:38,869 --> 00:01:44,409
Tumblr users sent in over 7,500 questions
about living and working in space to astronauts

22

00:01:44,409 --> 00:01:46,960

Drew Feustel and Ricky Arnold on the space station.

23

00:01:46,960 --> 00:01:51,700

“The audacity of building this magnificent machine in low Earth orbit with countries

24

00:01:51,700 --> 00:01:53,560

from around the world coming together.

25

00:01:53,560 --> 00:01:57,270

We just learn so much when we set high goals for ourselves.”

26

00:01:57,270 --> 00:02:03,200

The duo's answers to 18 lucky users' questions were shared this week on NASA's Tumblr during

27

00:02:03,200 --> 00:02:08,340

the agency's first video “Answer Time” session and Tumblr's first “Answer Time”

28

00:02:08,340 --> 00:02:11,909

session from space.

29

00:02:11,909 --> 00:02:18,269

Ceremonies on May 30 at Kennedy Space Center's Visitor Complex honored the passing of astronauts

30

00:02:18,269 --> 00:02:21,819

Alan Bean and Don Peterson.

31

00:02:21,819 --> 00:02:26,819

Bean passed away May 26 at the age of 86.

32

00:02:26,819 --> 00:02:33,000

During Apollo 12 he became the fourth person to walk on the moon and later commanded the

33

00:02:33,000 --> 00:02:36,040

second crewed flight of Skylab.

34

00:02:36,040 --> 00:02:40,900

After leaving NASA he became an accomplished artist.

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00:02:40,900 --> 00:02:47,090

Peterson flew on the maiden voyage of Space Shuttle Challenger in 1983 and took part in

36

00:02:47,090 --> 00:02:50,680

the first spacewalk of the Space Shuttle Program.

37

00:02:50,680 --> 00:02:54,560

He passed away on May 27 at the age of 84.

38

00:02:54,560 --> 00:02:59,180

That's what's up this week @NASA ...