



Cassini's grand finale, and other events ...

1

00:00:00,560 --> 00:00:02,980

A challenge for the next generation of explorers

...

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00:00:02,980 --> 00:00:07,390

An eye-popping virtual tour of the Moon ...

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00:00:07,390 --> 00:00:12,100

And introducing the public to a universe of discovery – a few of the stories to tell

4

00:00:12,100 --> 00:00:16,630

you about – This Week at NASA!

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00:00:16,630 --> 00:00:23,439

The 24th annual Human Exploration Rover Challenge kicked off on April 13 in Huntsville, Alabama.

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00:00:23,439 --> 00:00:28,460

The two-day competition hosted by our Marshall Space Flight Center, challenges students to

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00:00:28,460 --> 00:00:34,870

build and test human-powered roving vehicles inspired by the Apollo lunar missions as well

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00:00:34,870 --> 00:00:39,220

as plans for future missions to the Moon, Mars and beyond.

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00:00:39,220 --> 00:00:45,070

The competition routinely includes teams from the continental U.S., Puerto Rico, and countries

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00:00:45,070 --> 00:00:50,210

such as Brazil, Germany, India and Mexico.

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00:00:50,210 --> 00:00:55,350

A five-minute virtual tour of the Moon by

our Lunar Reconnaissance Orbiter mission has

12
00:00:55,350 --> 00:00:59,670
been recreated in eye-popping 4K resolution.

13
00:00:59,670 --> 00:01:05,339
The tour visits a number of lunar sites -- some
are on the Moon's near side and are familiar

14
00:01:05,339 --> 00:01:11,299
to both professional and amateur observers
on Earth, while others can only be seen clearly

15
00:01:11,299 --> 00:01:14,010
from space.

16
00:01:14,010 --> 00:01:19,899
Our scientists, engineers, and other experts
introduced the public to a universe of discovery

17
00:01:19,899 --> 00:01:26,030
at the USA Science & Engineering Festival,
April 7-8 in Washington, DC.

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00:01:26,030 --> 00:01:31,579
Interactive activities and presentations helped
festival attendees learn about exoplanets,

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00:01:31,579 --> 00:01:37,289
CubeSats, the James Webb Space Telescope,
deep-space exploration and more.

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00:01:37,289 --> 00:01:43,149
"How many sunrises and sunsets do you see
in the course of a day?"

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00:01:43,149 --> 00:01:47,590
Actor Will Smith – the host of the National
Geographic Channel documentary, 'One Strange

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00:01:47,590 --> 00:01:53,530
Rock,' chatted with our astronaut Drew Feustel
for the first Instagram Live from the International

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00:01:53,530 --> 00:01:54,530
Space Station.

24
00:01:54,530 --> 00:01:58,640
“We pick up sixteen sunrises and sunsets
– it takes me an hour and a half to get

25
00:01:58,640 --> 00:02:01,323
around the planet once ... Wow!”

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00:02:01,323 --> 00:02:06,959
The event ran on Smith and NatGeo’s Instagram
accounts.

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00:02:06,959 --> 00:02:12,030
Our digital communications efforts to bring
you last year’s total solar eclipse, Cassini’s

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00:02:12,030 --> 00:02:19,140
grand finale, and other events not only made
2017 our biggest year yet for online engagement

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00:02:19,140 --> 00:02:24,870
– but also have earned us nominations for
six Webby Awards, the highest honor for online

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00:02:24,870 --> 00:02:26,299
communications.

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00:02:26,299 --> 00:02:30,599
The nominations are for NASA websites and
social media activity.

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00:02:30,599 --> 00:02:38,720
For more details about the nominations and

to learn how to vote go to www.nasa.gov/webby18.

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00:02:38,720 --> 00:02:44,180

Jim Green, our director of Planetary Science
has been named as the agency's new chief

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00:02:44,180 --> 00:02:46,329

scientist, effective May 1.

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00:02:46,329 --> 00:02:52,480

He succeeds acting chief scientist, Gale Allen,
who is retiring after more than 30 years of

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00:02:52,480 --> 00:02:54,190

government service.

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00:02:54,190 --> 00:02:59,450

Green will represent the agency's strategic
science objectives and contributions to the

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00:02:59,450 --> 00:03:05,319

national and international science communities,
and advise the Administrator on agency science