



CALENDAR

2016 Florida VentureTech Showcase
November 1, 2016
Tampa, FL
www.flventure.org

Commercial Spaceport Summit
November 4, 2016
Houston, TX

SpaceCom
November 15-17, 2016
Houston, TX

Space Florida Board of Directors Meeting
November 29, 2016
Sandestin, FL

LAUNCH SCHEDULE

November 16, 2016
4:42-6:42 p.m. EST
Delta 4, United Launch Alliance,
GOES-R

December 7, 2016
6:53-7:42 p.m. EST
Delta 4, United Launch Alliance
WGS 8

December 16, 2016
TBD
Atlas V, United Launch Alliance
EchoStar 19

*Launch dates and times are subject to change. Visit <http://launches.wearegofl.com/> for updates.

IN THE NEWS

Elon Musk wants to fly a million people to Mars

"If there was anybody but Elon Musk up there, I'd say you have to approach this all with an air of incredulity," said Frank DiBello, CEO of

A Message from Space Florida



Welcome to the October edition of the Space Florida newsletter! I hope that this edition finds our readers safe and well after much of Florida and the east coast sustained damage from Hurricane Matthew.

We wrapped up the month of September with another productive and successful Board of Directors meeting. At which, we welcomed Lt. Gov. Carlos Lopez-Cantera, as well as new board member Sonya Deen.

I am also pleased to announce the launch of the newest We Are Go Florida phase, Vacationauts! It's an exciting campaign that draws on the vintage tourism imagery while combining the modernistic themes of space travel.

Finally, Space Florida is again holding its annual United Way campaign. I'd like to thank Nolan's Irish Pub and all our sponsors on a successful trivia night fundraiser earlier this month.

Please enjoy this month's edition.

Sincerely,
Frank A. DiBello

UPDATES FROM SPACE FLORIDA

Space Florida launches new phase of We Are Go



WE ARE GO.

In late September, Space Florida's We Are Go Florida space tourism campaign launched a new phase – "Vacationauts." The campaign encourages those planning a Florida vacation to "Make space part of their epic Florida vacation."

The Vacationauts outreach aims to spark a passion for space in travelers, while reminding them that Florida continues to be the Earth's epicenter for all things space tourism. The Vacationauts campaign

Space Florida. "I believe what he's talking about is doable."

<http://www.orlandosentinel.com/opinion/os-elon-musk-mars-beth-kassab-20161004-column.html>

Space Florida launches new space tourism campaign

Space Florida wants to make "Vacationauts" out of everyone who visit the Sunshine State.

<http://www.orlandosentinel.com/news/space/os-space-florida-space-tourism-campaign-20160929-story.html>

PHOTO OF THE MONTH

At the September Space Florida Board of Directors meeting, Joe Mayer of Lockheed Martin (far right) presented Space Florida Board Chairman Bill Dymond (middle) and Lt. Gov. Carlos Lopez-Cantera with a flag that flew on Orion Exploration Flight Test-1.



SPACE FLORIDA



spaceflorida.gov

info@SpaceFlorida.gov

Phone: 321.730.5301



will run across multiple channels including television, social media, digital ads, a website and an interactive We Are Go app for iOS and Android devices.

"We are confident the We Are Go Vacationauts campaign will captivate space enthusiasts and vacation planners alike," said Frank DiBello.

Paradise Advertising of St. Petersburg, Florida developed the Vacationauts campaign.

To become a Vacationaut, visit WeAreGoFL.com.

Space Florida kicks off United Way campaign



Keeping with tradition, Space Florida once again hosted its trivia night fundraiser at Nolan's Irish Pub in Cocoa Beach to benefit United Way of Brevard. We'd like to thank Nolan's for graciously hosting the event, and our sponsors like United Launch Alliance, Blue Origin, SpaceX and Lockheed Martin for donating and supporting the fundraiser. This

year's trivia night raised more than \$1800.00.

The fundraiser is part of Space Florida's larger United Way workplace campaign.

Did You Know?

The Cape Canaveral Spaceport's (CCS) operation relies on five modes of transportation – air, sea, highway, rail and space – making it the world's only quintimodal transportation hub. These transportation modes are critical for delivery of launch vehicle and payload elements; delivery of cargo to the ISS; launching of satellites for commercial, civil, and DoD/military customers; and transport of reusable launch vehicles for R&D and refurbishment. They are critical to CCS being the global leader in enabling space commerce. Recent activity has illustrated how these modes work together and will continue to do so as the launch tempo increases.

✈ Space:

- Space Florida kicked off improvement to SLC-46 for the upcoming Orbital-ATK Minotaur launch for a DoD USAF customer for the ORS 5 mission.
- September 8: Atlas V – Civil NASA customer - OSIRIS-Rex asteroid sample-retrieval mission launched.

⚓ Sea :

- Aug 14: SpaceX Falcon 9 first stage performs barge landing at sea and returned to port.
- ULA Delta Mariner ship barge off loads Delta IV and Atlas V rocket components from their factory in Alabama.
- Port Canaveral and SpaceX make public their plans for potential booster refurbishment activities at the Port, including the use of the former SPACEHAB processing facility.
- The Navy formally dedicated its newly retooled test facility at the Cape, a test facility that will be critical to developing sea-based capabilities.

🚗 Road/Land:

- July 18: SpaceX Falcon 9 successful first stage return to Landing Zone 1. Several reusable boosters were towed back to SpaceX's facilities for R&D and refurbishment.
- August 11: ULA's new crew access arm and white room for LC-41 made the slow but critical 30-mile trip from Oak Hill in South Volusia County, traveling down North Kennedy Parkway (SR3).
- Delivering construction equipment for a new massive Manufacturing Facility and new FPL substation near Exploration Park.

✈️ Air:

- August 22: C-5 aircraft delivered the GOES-R satellite for Civil NOAA & NASA partnership program.
- While not air-related, Space Florida is using the SLF for other purposes until the horizontal launch and landing matures. In July, Genovation, an electric carmaker, tested a modified Corvette Z06 where it clocked 205.6 mph and set a new land speed record for electric cars.

🚆 Rail:

- Although CCS's 40 miles of track which connects to the Florida East Coast Railroad has been underutilized, we expect that to change. Rail transport will increase as NASA begins processing for the SLS program, Space Florida begins to develop the SLF with its existing rail spur, and Port Canaveral continues studies to bring rail to the seaport.

