Staying Informed

AIAA Daily Launch

Leading the News

"Legendary" Astronauts, Staff Meet For Apollo 17 Anniversary, amid "…little enthusiasm for a planned mission to an asteroid…"
The Pensacola (FL) News Journal (12/16, Ghioto, Johnson) reported Eugene Cernan, the commander of Apollo 17, John Glenn, and other "legendary Mercury, Gemini and Apollo astronauts and mission control staff gathered Saturday at the National Naval Aviation Museum in Pensacola for an unprecedented reunion" to celebrate the Apollo 17 anniversary. Those at the "Salute to the Pioneers of Space" event "steered clear of controversy surrounding burgeoning criticism of NASA amplified by recent reports that shows a space agency in flux with little enthusiasm for a planned mission to an asteroid and a lack of mission focus."

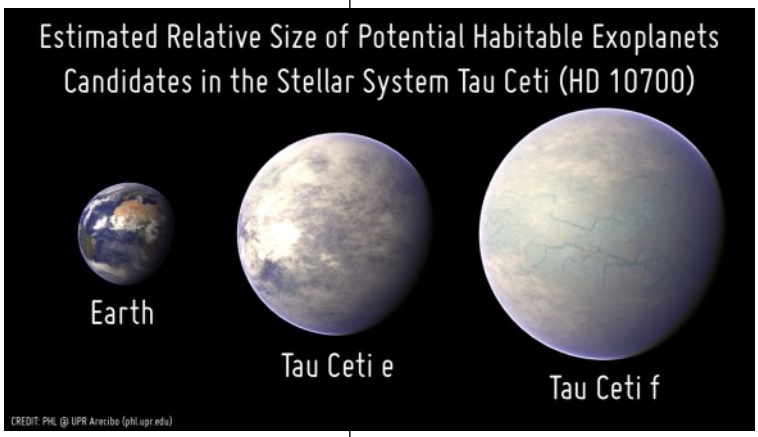
collectSPACE (12/14, Pearlman) noted also Friday was the 40th anniversary of when Apollo 17 left the moon.

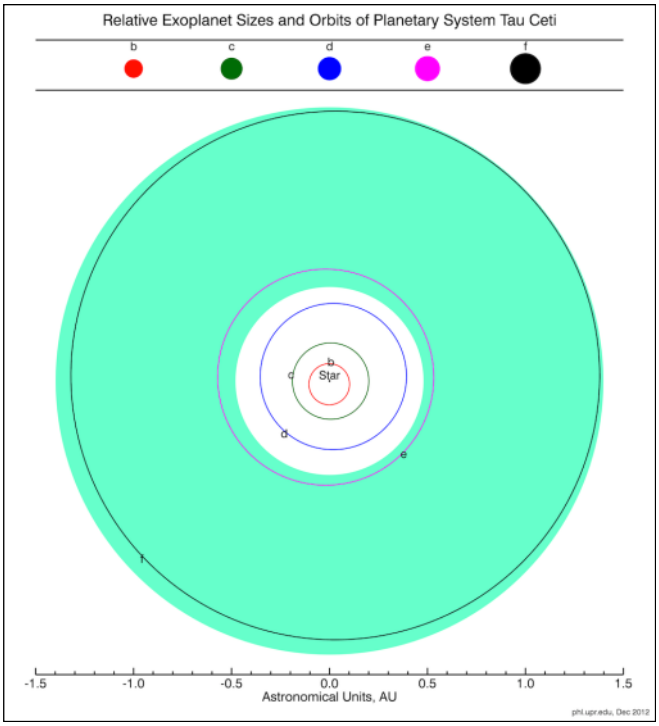
Two student videos from NASA/JSC interns! NASA Johnson Style! (Take-off on Psy Gangnam style music video):
iSS (lowercase intended):
http://www.youtube.com/watch?v=vPHM-rR4wN4
NASA Johnson Style:
http://go.nasa.gov/ZmRigo (World's best music video– see screen capture images. More than 2,000,000 hits on YouTube in the first week.)

Two Nearby Habitable Worlds Around Tau Ceti?
http://phl.upr.edu/press-releases
Dec 19, 2012 2:07 AM by Abel Mendez Torres [updated Dec 19, 2012 6:46 AM]
From the Planetary Habitability Laboratory, University of Puerto Rico at Arecibo

See our related article earlier in this issue.

Toumi et al. 2012 announced the possibility of five super-Earth exoplanets around Tau Ceti (aka HD 10700). They also suggested that one of these planets is within the habitable zone of the star. However, their data suggest that not only one but two are candidates for habitable planets.





Editor's note: Tau Ceti is a star about 12 light years from Earth and similar to our Sun, but a bit dimmer.

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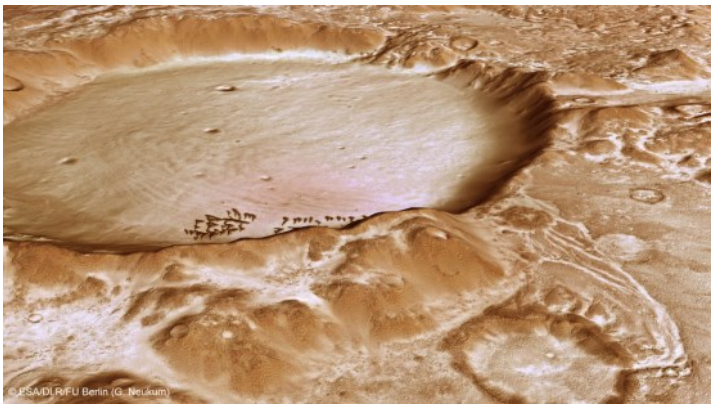
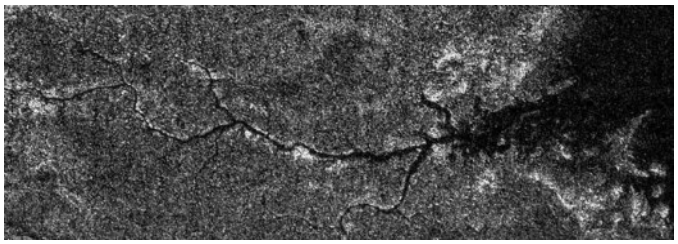


Above: Perspective view of Charitum Montes. This computer-generated perspective view was created using data obtained from the High-Resolution Stereo Camera (HRSC) on ESA's Mars Express. Centred at around 53°S and 334°E, the image has a ground resolution of about 20 m per pixel. This perspective view shows the breach on the northern side of the 50 km-wide crater that dominates the image. Dendritic patterns link to completely filled-in craters that flank the larger one, within which a small sand dune follows the contours of concentric sedimentary pattern. This image was taken during revolution 10778 on 18 June 2012. Credits: ESA/DLR/FU Berlin (G. Neukum)

Below: Dec. 12, 2012 Cassini Spots Miniature Nile River on Saturn Moon



Above: This image from NASA's Cassini spacecraft shows a vast river system on Saturn's moon Titan. It is the first time images from space have revealed a river system so vast and in such high resolution anywhere other than Earth. The image is rotated 90 degrees clockwise. Image credit: NASA.

Above: "How Will People be Able to Survive in Space?" The artist is Loup Mairet, age 9. He lives in France. His father Philippe is part of our Horizons team and part of our team working on our sister section relationship between AIAA Houston Section and 3AF MP. Although Loup did not know it, in this issue of Horizons, our Collier's reprints from 1952 - 1954 start a series called Man's Survival in Space.

IMAV2013

International Micro Air Vehicle Conference and Flight Competition

Toulouse, France, September 17-20, 2013

www.imav2013.org

ENAC — École Nationale de l'Aviation Civile in Toulouse, France

Air Force Research Laboratory of the United States of America

MAV Research Center — Micro Air Vehicle (MAV) Research Center

ISAE — Institute Supérior de l'Aéronautique et de l'Espace in Toulouse, France

AIRBUS — Airbus, an EADS Company