



# countdown

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## Atlantis payload to be installed, first FRR under way



### ◆ Shuttle Update:

The Hubble Space Telescope payload has been delivered to Launch Pad 39A and the RSS

closed. Transfer from the payload changeout room into Atlantis will be Wednesday.

The Space Shuttle Program-level Flight Readiness Review for Atlantis' STS-125 mission finishes today. Decisions and recommendations will be carried forward to the executive-level FRR here at Kennedy on April 30.

◆ **ELV Update:** A repeat of the wet dress rehearsal on the **GOES-O** Delta IV rocket is planned for today. At the Astrotech Space Operations Facility, GOES-O is enclosed in the payload fairing. Spacecraft battery testing and limited battery charging activities are under way. Closeouts to the fairing are continuing.

The spacecraft currently is planned to be transported from Astrotech to CCAFS Launch Complex 37 for mating to the Delta IV on Saturday. Launch remains targeted no earlier than May 12.

Last week on the **Lunar Reconnaissance Orbiter**, the high gain antenna and solar arrays were deployed for range of motion, or gimbal, tests. The high gain antenna was then stowed for flight. The solar arrays were stowed and were scheduled to be attached to the LRO on Monday. Installation of thermal blankets is also under way. LRO will begin fuel loading May 5.

The Atlas V rocket is scheduled to be

moved from the hangar at the Atlas Space Operations Facility to the Vertical Integration Facility near the launch pad on Wednesday for Atlas-Centaur integration.

■ **STS-119 Crew Return Briefing** — Employees are invited to the presentation by the crew members of the STS-119 mission who will share their experiences. The presentation will be held in the KSC Training Auditorium from 1 to 2:15 p.m. Friday.

■ **KEA-38 Canceled For Today** — The KEA presentation "LETF Upgrades for Constellation" scheduled at noon today has been canceled but will be held at a later date.

To view future listings or video/PDF versions of past KEA events, please visit: <http://kea.ksc.nasa.gov/>. Please check the Web site for updates as events are subject to change.



■ **NASA Science** — A meteor shower. A crescent moon. A disappearing planet. These three things will be on display in the sky Wednesday

when the moon covers Venus during the annual Lyrid meteor shower. Read the full story at: [http://science.nasa.gov/headlines/y2009/17apr\\_lyrids.htm?list1101250](http://science.nasa.gov/headlines/y2009/17apr_lyrids.htm?list1101250).

■ **Mission Update** — NASA will hold briefings starting at 9 a.m. Thursday to update reporters about space shuttle Atlantis' fifth and final servicing mission to

## Two ELV spacecraft readied for May, June launches

NASA's Hubble Space Telescope. NASA TV and the agency's Web site will provide live coverage of the briefings from NASA's Johnson Space Center and from NASA Headquarters in Washington. The Shuttle Program overview briefing will be at 9 a.m. and the Hubble Program and science overview from NASA Headquarters at 10:30 a.m.



### ■ Keep In Touch For The PM Challenge

**2010** — The PM Challenge returns to Galveston, Texas, Feb. 9 - 10,

2010. Visit the PM Challenge Web site at: <http://pmchallenge.gsfc.nasa.gov/> to learn more about the plans for next year. Join the blog or Twitter to keep in touch.

The overall theme of the PM Challenge 2010 is "Above and Beyond." A call for speakers will be announced soon.



■ **Reminder** — KSC will celebrate Earth Day on Wednesday from 10 a.m. to 2 p.m. in the O&C/ Mission Briefing Room 1144 and on Thursday

from 11 a.m. to 5 p.m. in the MFF Cafeteria. The theme for this year is "You Can Make a Difference from Earth to Space."

*Countdown* is published every Tuesday & Thursday for NASA KSC employees. **Deadlines are 9 a.m. Mondays & Wednesdays.** E-mail news to [anita.l.barret@nasa.gov](mailto:anita.l.barret@nasa.gov). For questions or information, e-mail or call 867-2815. You can also find PDF editions of *Countdown* on the Web at: [http://www.nasa.gov/centers/kennedy/news/countdown/countdown\\_toc.html](http://www.nasa.gov/centers/kennedy/news/countdown/countdown_toc.html).