



# countdown

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## Atlantis is on its way for rendezvous with Hubble



### ◆ Shuttle Update:

Space shuttle Atlantis launched on time Monday for its rendezvous with NASA's Hubble Space Telescope. Atlantis is scheduled to reach Hubble and grapple it Wednesday. It will then berth the HST onto the Flight Support System and conduct a photographic survey. The crew will make five spacewalks to upgrade Hubble starting Thursday. Landing is scheduled for May 22.

◆ **ELV Update:** The LRO/LCROSS launch is targeted for no earlier than June 2. The LCROSS spacecraft was fueled on April 25. On May 2, the LRO team performed a pressurization test, a leak test and a latch valve leak test. On May 5, the LRO and KSC-Boeing fueling team configured the fueling ground support equipment for propellant loading. The LCROSS team moved the battery simulator to the Atlas V payload van. LRO fuel loading was completed May 5.

The GOES-O launch aboard a Delta IV rocket from Space Launch Complex-37 currently is scheduled for no earlier than June 26.

■ **Camp Kennedy Space Center** — The camp offers children entering second through ninth grade an out-of-this-world experience to explore space. Summer camp sessions are available June 8-August 14. Regular tuition is \$295 per child per session. Badged employees and contractors of KSC, CCAFS, Patrick Air Force Base and retired KSC personnel can save 15 percent on regular tuition.

The home of Camp KSC is at the

U.S. Astronaut Hall of Fame. Summer camp hours are from 9a.m. to 4p.m., with extended early drop-off and late pick-up hours available free for badged employees. Campers receive a complimentary Commander's Club Annual Pass – a full year of fun at the KSC Visitor Complex. Also included are lunches and afternoon snacks, official Camp KSC T-shirts, a Camp KSC graduation ceremony and certificate of completion.

In celebration of the 40th anniversary of Apollo, a special "Overnight Adventure" will be held July 20 at the Apollo/Saturn V Center where participants will camp out beneath a Saturn V moon rocket. This special night is available to campers attending the week of July 20-24. Their family members can also camp out at an additional cost of \$85 plus tax per person. Cost includes a 40th Anniversary T-shirt, dinner, breakfast and lunar-themed snacks.

For more information and registration details, call 321-449-4444 or visit [www.KennedySpaceCenter.com](http://www.KennedySpaceCenter.com).

### ■ KEA-41 The Exploration Mission

— Take an inspirational look at NASA today, including current and future plans for the space shuttle, the International Space Station, robotic exploration of the solar system, and humans' return to the moon and on to Mars. Presented by Russell Romanella, director of the International Space Station and Spacecraft Processing Directorate, the event will take place May 19, from 10:30 a.m. to noon in the Training Auditorium. NASA and contractors are invited to attend.

## Launch dates flip-flop for next ELV launches

Questions and comments should be sent to [KSC-Engineering-Academy@mail.nasa.gov](mailto:KSC-Engineering-Academy@mail.nasa.gov). 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 because events are subject to change.

■ **NASA Science** — NASA-supported researchers have figured out why Salmonella bacteria become more virulent when they travel aboard spaceships. They have also learned how to calm the bacteria down again -- a trick that could come in handy for fighting diseases here on Earth. You can read the full story at: [http://science.nasa.gov/headlines/y2009/06may\\_salmonella.htm?list1101250](http://science.nasa.gov/headlines/y2009/06may_salmonella.htm?list1101250).

■ **May Cardiovascular Disease Screening** — The screening will be done at the KSC Occupational Health Facility from 7 to 9 a.m. Wednesday. No appointment is necessary. You must fast for 12 hours prior to screening (water only). Please take prescription medications as usual unless instructed otherwise for fasting by your health care provider.

Pick up forms at any medical facility or go to: <http://ksboc-forms/KSCForms2/ref/KSC28-1010V2.itr> (remember to print each page separately).

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