



Discovery waits in VAB for remate to External Tank

CloudSat/CALIPSO to study clouds in 3-D

▲ **Shuttle Update:** Discovery was scheduled to demate from its External Tank (ET) last night and lowered onto the Orbiter Transporter System in the VAB transfer aisle. After demating, it will be moved in front of high bay 3 in preparation for being lifted and attached to ET-121 on June 7.

▲ **ELV Update:** Preparations are under way for the launch of the CALIPSO/CloudSat spacecraft Aug. 22 from Vandenberg Air Force Base. The CloudSat spacecraft arrived via truck at VAFB May 2. The Cloud-Aerosol Lidar and Infrared Pathfinder Satellite Observation spacecraft (CALIPSO) arrived May 20 from France aboard an Antonov cargo plane. Both are being processed at the VAFB Astrotech Payload Processing Facility. The spacecraft will provide never-before-seen, 3-D perspectives of how clouds and aerosols form, evolve and affect weather and climate.

■ **Innovative Space Science Program for High School Students**

— The Florida Space Academy, sponsored by and located at the Florida Space Authority (FSA) in Cape Canaveral, is a uniquely designed career development, space science and engineering program geared toward 9th- to 12th-grade students who have a special interest in space, rocketry and science. The

NASA Core Value: Excellence

With regard to excellence, it is not enough to know, but we must try to have and use it.

— Aristotle (384 - 322 BC)

Academy is being held June 27-July 1 and registration is available now through June 13.

Academy students will spend the five-day program doing hands-on math, science and engineering projects. Some activities include learning how to build and test a payload for launch aboard a Super-Loki rocket or meteorological balloon, learning the science behind Global Positioning Systems, and conducting a "Mission to Mars" in the FSA Space Operations Control Center.

The program cost is partially funded through the work force education program at the Florida Space Authority. The discounted price for Florida students is \$300. The Authority will offer an additional 10 percent off—for a cost of \$270—to KSC, Cape Canaveral Air Force Station and space contractor family members. Early drop-off and late pickup arrangements are available at an additional fee.

Space is limited and on a first-come basis. For more information and registration, please contact Jennifer Skaja at 321-730-5301, ext. 235, e-mail her at

j.skaja@floridaspaceauthority.com, or go online to <http://www.floridaspaceauthority.com/edu/spaceacademy.html>.

■ **KSC Fitness Centers Present the Annual Bench Press/Pull-Up Contest** — Do you have what it takes? Test your strength at the O&C and OSB KSC Fitness Centers between June 6 and June 10. Men must lift 100 percent of their body weight and women must lift 60 percent of their body weight for both the bench press and pull-up portions of the contest. Both the bench press and pull-up are required in order to enter the contest, but they do not have to be performed at the same time. You may perform each portion of the contest as many times as you like, and your best scores will be used! Prizes will be awarded for the most repetitions and the narrowest gap for both women and men! We encourage you to make an appointment with one of the KSC Fitness Center employees. Contact Alycen LaBarca at 867-7829 or e-mail LaBarAM@kscems.ksc.nasa.gov.

■ **Did You Know?** At 8 a.m. Friday the Paging and Area Warning System (PAWS) will be tested. Music will be played for several minutes to validate speaker operability. If you have an inoperable speaker in your work area or it is not functioning properly, please call 867-4141 to report the discrepancy.