

OSTM/Jason-2 EDUCATORS' LAUNCH CONFERENCE

14-15 June 2008

SPONSOR: ENDEAVOUR CENTER, NASA Educator Resource Center



Science & Technology Educator Workshops
Dinner Banquet with NASA Scientists & Presentations
View OSTM/Jason-2 Satellite launch on Delta II Rocket

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WIRED EDUCATORS' LAUNCH CONFERENCE
OSTM/JASON-2: OCEAN SURFACE TOPOGRAPHY MISSION
 Saturday/Sunday, June 14/15, 2008, Vandenberg Air Force Base, CA
 Cosponsors : Allan Hancock College, California Space Authority, CNES, GLOBE,
 Hampton University, NSF Space TEC, NASA & DOL-WIRED



We would like to invite you and your faculty to witness the Delta II launch of the **Jason-2 Satellite: NASA and NOAA's Ocean Surface Topography mission**. The Jason-2 satellite will provide ocean circulation, climate change and weather forecasting, to further understand El Nino/La Nina events, and measurement of sea ocean topography. For more information on the NASA OSTM/Jason-2 satellite mission, go to the website, <http://sealevel.jpl.nasa.gov/mission/ostm.html>.

For all interested school educators & administrators: this is a unique opportunity to learn about real-world Earth and atmospheric science, rocket science (no previous knowledge necessary), and OSTM/Jason-2's cutting-edge satellite instrument technology. This educational program will provide a general introduction to the NASA/NOAA OSTM/Jason-2 mission and a variety of Science, Technology, Engineering and Math (STEM) workshops with specific science behind the Jason-2 satellite instruments. All educators will be provided learning opportunities as well as a teacher's guide, a classroom poster, and OSTM/Jason-2 Mission specific information for classroom use.

All workshops will be held at Allan Hancock College's Lompoc Valley Center. Conference registration and check-in will be from 9:00 to 9:45 am on Saturday, 14 June, with workshops beginning at 10:00 am. Snacks and beverages will be provided on campus with workshops continuing through the afternoon. Round trip bus transportation will be provided from the Quality Inn Hotel (check-in, 5:45pm) to the Pacific Coast Club, Vandenberg AFB for dinner banquet and evening presentations by NASA/Industry scientists and engineers. Bus transportation will be provided to see the Delta II rocket launch at 1:47 AM and back to Quality Inn hotel after the launch.

Event Schedule, Saturday/Sunday, June 14 & 15, 2008		Educator Workshop Topics
Saturday Morning	Travel to Allan Hancock College, Lompoc Valley Center. Breakfast/lunch on your own.	<ul style="list-style-type: none"> ■ Rockets, Newton's Laws and Satellite Orbits ■ Learn About Delta II Launch Operations ■ NASA Satellite Missions Study Climate Change ■ Web Based Student Activities in Atmospheric Science and Global Climate Change. ■ El Nino, Climate Change and Global Warming ■ Invisible Waves: Infrared Remote Sensing and Activities ■ Polar Animals and Satellites, Witnesses to Climate Change ■ Forecasting and Measurement of Ocean Waves and creating Renewable Energy
9:00 – 9:45 am	Check-in at Allan Hancock College, Lompoc Valley Center.	
10:00 am to 3:00 pm	Educational Program workshops at Allan Hancock College (AHC), Lompoc Valley Center. Drinks/Snacks provided.	
3:15 – 5:30 pm	Base tour to NASA Mission Control Center.	
5:45 – 7:45 pm	Drive Cars from AHC to Quality Inn Hotel for check-in and bus transportation to/from the hotel to Vandenberg AFB for dinner presentations and launch. Rest in room.	
8:00 – 10:00 pm	Social hour and dinner at the Pacific Coast Club, Vandenberg AFB. Bus leaves from Quality Inn at 7:50 pm	
10:00 pm to 1:00 am	NASA/University Scientists and NASA/Industry Launch Vehicle engineer presentations. Pacific Coast Club, VAFB.	
1 – 1:47 am	Bus transportation to the Delta II Launch Viewing Site.	
2:00 am	Bus transportation to Quality Inn hotel after the launch. Time for Bed. Checkout by 1:00 pm.	

Due to limited facilities, enrollment will be processed on a first-come, first-served basis, maximum of 250 people. Spouses are welcome (complete all forms and pay the per person registration fee). Please submit your registration as soon as possible, since the **registration deadline is 30 May 2008 (Friday)**.

Detailed information relating to accommodations and a final confirmation letter will be e-mailed to you after your application form has been received and processed (one week). We anticipate another successful educator launch conference and look forward to meeting you soon! **For more info, contact the Endeavour Center.**

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<http://www.endeavours.org/sec>

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**OSTM/Jason-2: Ocean Surface Topography Mission
EDUCATORS' LAUNCH CONFERENCE**

Saturday/Sunday, June 14 & 15, 2008

Registration Form (duplicate if necessary). Please write NEATLY with black ink.

Deadline for Registration: MAY 30, 2008

Name (Dr., Mr., Mrs., Ms.) _____

Title _____ Grade level (elem., mid., h.s., college) _____

Teach/Administrator (math, science, technology, other) _____

Organization/School _____

Address _____

City/State _____ Zip _____

Home Address _____

City/State _____ Zip _____

E-mail _____

Business # (with area code) _____ FAX# _____

Home # (with area code) _____ FAX# _____

Citizenship (check one): **U.S.** _____ **SS#** _____ **Other** _____

____ Yes, my spouse will attend. Name: _____ **SS#** _____

____ Yes, I plan to stay Saturday night at the Quality Inn, 1621 North H Street, Lompoc, California. Please call for reservation (805-735-8555) and ask for the Jason-2 block rate of \$66 + tax. Website, <http://www.qualitysuitslom poc.com>

AIM T-Shirt Adult Size (S, M, L, XL, XXL, XXXL): Educator _____ Spouse _____

FEE: \$ 95 per person (CA Resident) \$ 199.50 per person (Non-CA Resident)

Includes dinner & lunches, curriculum/activities, transportation, materials fees, T-Shirt, lanyard and ½ unit of college credit from Allan Hancock College (AHC). **Conference registration form and AHC on-line registration for ½ unit of college credit (AHC on-line registration instructions and course # will be sent via e-mail) must be fully completed and signed by each participant (no exceptions).**

Return the registration form to the Endeavour Center mailing address and/or FAX # below.

Please return Registration form postmarked by **MAY 30, 2008 (Friday)**.

Payment: Check _____ Money Order _____ Visa _____ MasterCard _____

Card # _____ Exp.(MM/YY) _____ Cardholder's Signature: _____

Make check payable to: SIL, Inc. **MAIL or FAX To:** ENDEAVOUR CENTER
P.O. Box 5090
Vandenberg AFB, CA 93437
1-888-280-0530 (FAX)