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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FUNDERS
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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>Saturday Morning</td>
<td>Travel to Allan Hancock College, Lompoc Valley Center. Breakfast/lunch on your own.</td>
</tr>
<tr>
<td>9:00 – 9:45 am</td>
<td>Check-in at Allan Hancock College, Lompoc Valley Center.</td>
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<tr>
<td>10:00 am to 3:00 pm</td>
<td>Educational Program workshops at Allan Hancock College (AHC), Lompoc Valley Center. Drinks/ Snacks provided.</td>
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<tr>
<td>3:15 – 5:30 pm</td>
<td>Base tour to NASA Mission Control Center.</td>
</tr>
<tr>
<td>5:45 – 7:45 pm</td>
<td>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.</td>
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<tr>
<td>8:00 – 10:00 pm</td>
<td>Social hour and dinner at the Pacific Coast Club, Vandenberg AFB. Bus leaves from Quality Inn at 7:50 pm</td>
</tr>
<tr>
<td>10:00 pm to 1:00 am</td>
<td>NASA/University Scientists and NASA/Industry Launch Vehicle engineer presentations. Pacific Coast Club, VAFB.</td>
</tr>
<tr>
<td>1 – 1:47 am</td>
<td>Bus transportation to the Delta II Launch Viewing Site.</td>
</tr>
<tr>
<td>2:00 am</td>
<td>Bus transportation to Quality Inn hotel after the launch. Time for Bed. Checkout by 1:00 pm.</td>
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### Educator Workshop Topics

- 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

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.

Moksha Badarayan, Director
director@endeavours.org or 805-734-1747
http://www.endeavours.org/sec

Edmund Burke, Founder
edmund.burke@spaceinformationlabs.org
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.qualitysuiteslompoc.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)