

## S'COOL E-note October 2010

*Greetings from the S'COOL Team! Welcome to Issue 51 of the S'COOL E-note.*

**Included in this month's issue:**

- 1. Reminder: A-Train Campaign**
- 2. New CALIPSO activities**
- 3. USA Science & Engineering Festival**

### **1. Reminder: A-Train Campaign**

S'COOL participants are invited to participate in a worldwide A-train event ***now in progress!***

"The Afternoon Train, or "A-Train", for short, is a constellation of satellites that travel one behind the other, along the same track, as they orbit Earth. Four satellites currently fly in the "A-Train" - Aqua, CloudSat, CALIPSO, and Aura - with a fifth, Glory, and sixth, GCOM-W1, scheduled to join in 2010 and 2011, respectively.

A-Train scientists have begun posting some interesting information on the blog site (<http://mynasadata.larc.nasa.gov/elgg>) and more will be posted as the campaign continues. Topics will include an update on Arctic sea ice (the minimum coverage recently occurred) and solar energy at the equinox, among others. Please visit the site to see what is going on. In order to post your own comment, you will first need to register with the site. See the link half way down on the left-hand side. If you have any problems, please let us know. Please post any details or comments about the interesting observations you make, and let's see where the conversation goes!

For details about the A-Train campaign, please see September's [Special A-Train Edition of the S'COOL E-note](#).

**Through participation in this international event, everyone can contribute to a conversation on A-Train science!**

### **2. New CALIPSO activities**

Take a few minutes to look at the new [CALIPSO Activities!](#) To support your students as they explore [A-Train](#) science topics and participate in the data observations, the CALIPSO Activities feature a lesson overview and four student activities. Through these activities, students learn about the vertical structure of the atmosphere and how to interpret the CALIPSO images. This is a great opportunity for your students to learn about NASA data images!

### **3. USA Science & Engineering Festival**

The first [USA Science & Engineering Festival](#) , culminating in a 2-day Expo on the National Mall and surrounding areas, will take place October 23-24, 10 am – 5:30 pm, in Washington, DC. The Expo features more than 1500 fun, hands-on activities and over 75 stage-shows.

A free event for all ages!  
No Pre-Registration Required

A satellite event will be held by NASA Langley in Hampton, VA: EarthFest will be at Sandy Bottom Nature Park on Saturday, Oct. 23, from 9 am to 3 pm. All are welcome!

Note: Links indicated by  are not maintained by NASA.