1. Solar Kits and New Sun Videos (EVE)
The Colorado EVE team has developed solar kits containing classroom resources relating to spectroscopy and SDO. Distribution just began, with 10 solar kits already out.

The EVE team is also developing classroom videos to show kids what is happening on the Sun and how we are able to study it. For these, Rachel Hock will give short informative talks about the research being done with the EVE instrument. Videos of the spectrograms may look fascinating but how do you read a spectrogram and what can it tell you about solar activity? Rachel will also give basic explanations of heliophysics terms and show some exciting examples from SDO. Finally, throughout the year, when an exciting solar event occurs such as the large M 3.6 class flare that occurred near the edge of the Sun on Feb. 24, 2011, Rachel will be able to give us an explanation of the event with video data from the satellite.

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2. SARA Increases Support for SuperSID (HMI)

The Society of Amateur Radio Astronomers (SARA) has increased their support of the SuperSID space weather monitor project by setting up 2 new committees to enhance the instrument and community. The first is a SID Software Committee, which will evaluate and implement changes needed to the SID software to both enhance research and provide additional capabilities to users. The second committee will evaluate the problems with noise that are very common amongst new SID users. They will attempt to analyze types of problems found and provide possible solutions.

The SuperSID community is also looking into the possibility of extending the capabilities of the SuperSID instrument so that it can provide more detailed research data relating to the ionosphere, especially in the African continent. This research is being spear-headed by the United Nations Office of Outer Space Affairs in Vienna.

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3. Social Media (HMI)

NASA Ames invited Camilla to be part of their official NASA Ames / Kepler Tweet-up on February 11, anniversary of the SDO launch. The SDO Team was represented by Monica Bobra and Camilla SDO, who educated about our mission and science. NASA Ames has been very supportive of Camilla and SDO's social media efforts and would like to continue the collaboration.

Camilla also visited the Steven F. Udvar-Hazy Center of the Smithsonian Air & Space Museum to discuss projects encouraging girls into a career in science and engineering. She was joined by a STEM representative from AIAA (American Institute of Aeronautics and Astronautics) and engineers from GSFC, via downlink.

As part of that collaboration Camilla will be attending "Become a Pilot Family Day" on June 18, 2011 at the Air and Space Museum and have a small space weather project display.

Camilla will also be attending Education Alley at the 2011 Space Conference in Long Beach, California and be part of the larger NASA display and education team there.
Camilla also spent some time at Johnson Space Center and got an inside look into astronaut training. She attended one of the STS-135 mission simulations with the very last Space Shuttle crew and updated social media with live events.

Furthermore, Camilla met with a variety of Education and Public Outreach people, including the JSO Public Affairs Office, to discuss future projects. Camilla will be part of the "Women in STEM High School Aerospace Scholars (WISH) project this summer. This project gives female high school juniors from across the country the opportunity to participate in a pilot project to explore and jump-start a future in STEM related majors and careers. Camilla will be actively involved with the various groups. We are working on details to get Space Weather education incorporated into the week-long activities. NASA JSC would like to host Camilla for a variety of other one or two day events throughout the year. Camilla will teach about SDO and Space Weather.

JSC will also assist in the BTS-1 mission, where Camilla will be launched by a weather balloon to the Edge of Space to try to record some Space Weather activity. We will be launching BTS-1 out of Houston in early May 2010. People can track the ascent and descent online.


Camilla attended the STS-133 NASA Tweetup event at Kennedy Space Center and continued her outreach. During the various events we had the chance to continue forming relationships and discuss future ideas and plans with Leland Melvin (Associate Administrator for the Office of Education). Camilla’s live updates via Little SDO have increased the fan-count by over 500 since in less than 5 days (highest gain to date).
We also submitted a "NASA SDO Social Media & Camilla SDO Space Weather Project" proposal requesting funds for continued support of Camilla and Little SDO's social media activities.

During the month of February we have logged 747,863 post views on Little SDO's Facebook Fanpage (highest to date) and 7,962 Post Feedback / Comments. Female Demographic has stayed strong at 43%.

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**Space Camp Africa, 3-4 February 2011, Nigeria:**

Camilla made a cameo appearance at a Space Camp in Nigeria, produced by Onada Temitope and including SDO materials sent from Stanford. Onada’s report reads:
“Space Camp Africa, 2011 marks the first anniversary celebration of the launch of SDO into Space in Africa. High school students (14-20 years) in Methodist Grammar School, Bodija, Ibadan, the venue of the 2-day event were filled with joy and excitement as they felt the presence of United Nations project among them. The presence of NASA and Stanford University solar Center were all over the school and some of the students asked if I can be coming around to take them part time physics lectures.

A regional conference was held afterwards to look at how African youths can conserve their environment through a global climate agreement and global peer education on protection of their immediate environment. The second phase of the camp will hold in April, 2011 to accommodate more stakeholders participation.

“Camilla grace the occasion in grand style and made new friends among African students.”

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