



# GODDARD news

Greenbelt, Maryland/Wallops Island, Virginia

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## Employee Viewing For LANDSAT 7 Launch

The Landsat 7 satellite, scheduled for launch at 2:32 p.m. EDT on April 15, will gather remotely sensed images of the Earth's land surface and surrounding coastal regions for global climate change studies, and other government and commercial purposes.

Employees can view the launch of Landsat 7 on NASA TV in the Building 3 auditorium. Launch coverage begins at 1 p.m. EDT and will continue through spacecraft separation 62 minutes into flight. Public Affairs personnel will be on hand to provide employees with information handouts on the mission.

Visit these web sites for additional information about Landsat 7: <http://geo.arc.nasa.gov/sge/landsat/landsat.html>; <http://landsat.gsfc.nasa.gov/>; or <http://www.inform.umd.edu/geog/landsat7/>

The Goddard Visitor Center is sponsoring a public viewing of the Landsat 7 launch in the VC auditorium between 2-3 p.m. EDT. All are invited to attend. Join the fun for Landsat satellite give-a-ways and participate in mission-related educational activities. For more information about Landsat 7 activities at the Visitor Center, call 301-286-8981.

## GOES-L and FUSE Spacecraft Prepare For May Launch

While final preparations for the Landsat 7 launch are in full swing, significant milestones have been reached for two other Goddard missions scheduled for launch in May.

The Atlas II rocket for the Geostationary Operational Environmental Satellite-L (GOES) has arrived at the Cape Canaveral Air Station in Florida and vehicle erection activities at Pad 36-A are scheduled to begin April 19.

GOES-L is the latest in a current series of advanced geostationary weather satellites that Goddard manages for the National Oceanic and Atmospheric Administration. Once in orbit the spacecraft will become GOES-11, joining GOES-8, GOES-9 and GOES-10 in space. After checkout, GOES-L will become the on-orbit spare to be activated when one of the operational satellites needs to be replaced.

Launch of GOES-L is scheduled for Saturday, May 15 at the opening of a launch window that extends from 2:23 to 4:41 a.m. EDT.

For more information about the GOES-L mission, visit the following web sites: <http://goes1.gsfc.nasa.gov>, <http://www.goes.noaa.gov> or <http://rsd.gsfc.nasa.gov/goes>

In other news, NASA's Far Ultraviolet Spectroscopic Explorer (FUSE) satellite arrived April 1 at NASA Hangar AE on Cape Canaveral Air Station to begin pre-launch processing for launch next month.

FUSE will investigate the origin and evolution of the lightest elements in the universe-hydrogen and deuterium. In addition, the FUSE satellite will examine the forces and process involved in the evolution of the galaxies, stars and planetary systems.

The spacecraft is tentatively scheduled to launch May 27.

The Johns Hopkins University (Baltimore, Md.), under contract to Goddard, developed and will operate FUSE.

For more information about the mission, go to the FUSE Web site at: <http://fuse.pha.jhu.edu>

## Earth Day Activities Scheduled At The Goddard Visitor Center

Goddard Earth Day will be celebrated April 14, and employees are encouraged to participate. Activities will be held on the mall area from 11 a.m. to 1 p.m. with speakers, food, music and a plant sale.

The Goddard Visitor Center staff has scheduled a variety of activities for employees and the public on Earth Day. Mini-guided tours of the Earth Science Gallery will be given, and "Earth Trivia" games will continue throughout the day. Videos of the latest Landsat images and free gifts are also part of the day's activities.

For more information, call 301-286-8981.

## Events and Products Celebrating Goddard's 40th Anniversary

**Sunday, May 2** — Community Day at the Goddard Visitor Center from 9 a.m. to 4 p.m. featuring Goddard jeopardy, NASA trivia, commemorative stamps, music, model rocket launch, Earth Science Gallery demonstration and activities, tours of Goddard, and much more!

**Monday, May 3** — 40th Anniversary Symposium featuring a morning session from 9 a.m. to 11 a.m. in Building 8 auditorium. Keynote speaker for this event is Administrator Dan Goldin with remarks by invited Maryland Delegation.

An afternoon session is scheduled for 1 p.m. to 3 p.m. in the Building 8 auditorium that features talks by Associate Administrator for Space Science Dr. Ed Weiler, Associate Administrator for Earth Science Dr. Ghassem Asrar, Astrophysicist Dr. John Mather and Chief, Goddard Institute for Space Studies, Dr. Jim Hansen.

A special engineering colloquium is scheduled for 3:30 p.m. to 4:30 p.m. in the Building 3 auditorium with a presentation by Lane Wallace, author of "Dreams, Hopes, Realities--NASA's Goddard Space Flight Center, The First Forty Years" with a book signing opportunity at 3 p.m.

**Tuesday, May 4** — Walk around informational tours with former Center Directors.

**Wednesday, May 5** — Picnic on the mall area from 11:30 a.m. to 1:30 p.m. and a U.S. Postal Service 40th Anniversary commemorative stamp cancellation.

**Thursday, May 6** — Library Open House, Building 21 Library from 10 a.m. to 2 p.m.

**Friday, May 7** — Informal Employee Get-Together at the Goddard Visitor Center for employees and alumni from 4:30 p.m. to 7:30 p.m. Ticket price is \$5.00.

For more information about Goddard's 40th Anniversary special events, visit our Web site at:

<http://pao.gsfc.nasa.gov/gsf/40th/40th.htm>

Visit Goddard News on the web at <http://pao.gsfc.nasa.gov/gsf/gnews/gnews.htm>

## Managers Honored

Center Director Al Diaz recognized outstanding managers at an awards ceremony held on Center March 30.

Recipients pictured left to right are Debra Parsons (Code 112), Thomas Paprocki (Code 201), Dr. Joseph Nuth III (Code 691), John Lallande, Jr. (Code 547), Al Diaz, Martin Davis (Code 415), Carla Patterson (Code 255), Leslye Boyce (Code 581), Barbara Pfarr (Code 584) and not pictured Richard Ho (Code 421)



## TERRIERS Mission Highlighted On Boston University's New Web Site

The Tomographic Experiment using Radiative Recombinative Ionospheric EUV and Radio Sources (TERRIERS) spacecraft, completely designed and built by students at Boston University, is scheduled for launch aboard a Pegasus rocket on April 19 from Vandenberg AFB, Calif.

Once in its geosynchronous orbit, TERRIERS will use a combination of satellite and ground-based instruments to conduct global upper-atmospheric studies using a technique known as tomography--the measurement of ultraviolet light emissions used to construct an image of the Earth's ionosphere. Studying this region is imperative to gaining further understanding of space weather and its effects on orbiting communication satellites.

For more information about the TERRIERS mission, visit the Boston University web site at: <http://www.bu.edu/satellite>

## Goddard's Virtual Science Fair Is Accepting Entries

Goddard Space Flight Center is offering a 1999 Virtual Science Fair, revised this year as an annual science competition held via the Internet.

The fair is open to individual 12th grade students or teams of 12th graders from Goddard's educational outreach area, which extends from Washington, D.C. through 11 Eastern states north to Maine.

Science fair projects should be submitted in electronic formats during April. Three categories of projects will be accepted based on Goddard's Enterprises of Earth Science, Space Science and Space Technology.

The purpose of the Fair is to encourage student interest in science and engineering and to provide students with an opportunity to interact with NASA's engineers and scientists.

Volunteer judges are solicited for the Fair from Goddard's professional staff.

Students can contact Jeff Bolognese at x6-4252 or Harvey Walden at x6-9140, or visit the Virtual Science Fair's web site, for information about the fair's requirements and eligibility, at <http://falcon.gsfc.nasa.gov/~jeff/scifair>

## Another Goddard First

The International Ultraviolet Explorer (IUE), launched Jan. 26, 1978 from Cape Canaveral Air Station, Fla., became the first astronomical satellite to operate in geosynchronous orbit.

A joint venture between NASA, the European Space Agency and United Kingdom, IUE provided 200 investigators from 17 countries with more than 9,000 ultraviolet spectra of objects unobtainable from ground-based instruments within the first year of operation.

Goddard provided operational support for the spacecraft 16 hours daily until Oct. 1995.

## Community Day Volunteers Needed

Help share Goddard's accomplishments for the past 40 years on Community Day, May 2, by volunteering your time. Volunteer at the Visitor Center for children's activities, as tour bus escorts or as project/display guides.

Volunteer assignments are scheduled in three shifts --full day 8 a.m. to 4 p.m. and half day 8 a.m. to noon or noon to 4 p.m.

Contact Bill Robinson-Parks, volunteer coordinator at the VC, at x6-9041, or send an e-mail to [wrobinso@pop100.gsfc.nasa.gov](mailto:wrobinso@pop100.gsfc.nasa.gov). Orientation and training for volunteers will be conducted at the VC from 3-5 p.m. on Thursdays, April 15, 22 and 29, Fridays, April 16, 23 and 30, Saturdays April 17 and 24 and May 1. Please select a date and time that fits your schedule with our thanks to all who volunteer.

## SEWP Schedules Computer Technology Seminar on Internet and System Security

Goddard employees are invited to attend a seminar at the Computer Associates' Unicenter at Goddard on Tuesday, April 20. The seminar is just one of the Scientific/Engineering Workstation Procurement (SEWP) Computer Technology Seminars presented by leading Computer technology companies.

The April 20 seminar is sponsored by ECS Technologies and will discuss techniques to manage assets, provide additional network security, and network management with a focus on interoperability across multiple operating system platforms.

Representatives at the seminar will discuss elements of an integrated enterprise management system and available methods and solutions for implementing this via the Computer Associates Unicenter.

Pre-registration is not required. Attendees may come for all or any part of the seminar. A full agenda and more information are available at: <http://stewmgr.gsfc.nasa.gov/sewp/seminar.html>

## ISO 9001

### Goddard's New Quality Policy

With customer satisfaction as our primary goal:

- GSFC is committed to meeting or exceeding our customer's requirements.

- We achieve excellence in all of our efforts.



Visit ISO at <http://arloch.gsfc.nasa.gov/iso9000/index.html>

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