

## Calendar

### Friday, January 6

**3:30 p.m.** Director's Coffee Break - 2nd Flr X-Over

**4:00 p.m.** Joint Experimental Theoretical Physics Seminar - 1 West

Speaker: T. Browder, University of Hawaii  
Title: From Belle to a Super-B Factory

### Monday, January 9

**2:30** Particle Astrophysics Seminar

Speaker: E. Siegel, University of Florida  
Title: Cosmic Magnetic Fields: A New Beginning

**3:30 p.m.** Director's Coffee Break - 2nd Flr X-Over

**4:00** All Experimenters' Meeting

Special Topics: AP2 Line and Debuncher Studies Status

## Weather



Cloudy 31°/27°

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secou Level 3](#)

## Wilson Hall Cafe

## Tevatron Has Another Peak Luminosity Record in 2006

The Tevatron collider set a new peak luminosity record at 3:28 this morning, January 6. Store 4581 reached 171E30 cm<sup>-2</sup> sec<sup>-1</sup>. Congratulations.

## DOE Launches New Website

WASHINGTON, DC – Secretary of Energy Samuel W. Bodman today unveiled an updated version of the Department of Energy's [website](#). The DOE website features a new, more modern look and feel, as well as enhanced user-centered navigational tools and search capabilities.

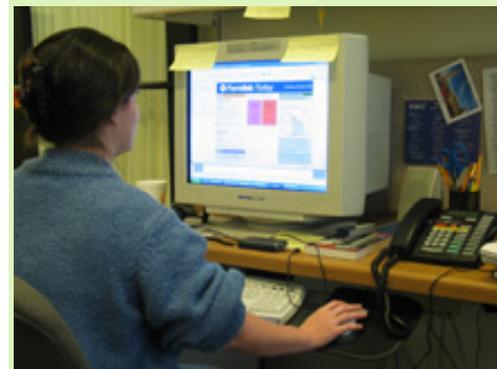
"Energy.gov is a key resource for millions of Americans each year," Secretary Bodman said. "Our redesigned Energy.gov site allows for quicker and easier access to information about the Department of Energy's programs and initiatives, including easy to use ways families and businesses can save money and energy."

Developed and launched with a more user-friendly layout, the new energy.gov features improved search technology, which is powered by Google Search Appliance®. This search tool offers users the ability to quickly retrieve information regarding the various aspects of DOE's programs, facilities and operations.

[Read More](#)

## Photo of the Day

## Patch Available for Microsoft Windows Flaw



A recent flaw has been discovered that affects Microsoft Windows referred to as the [wmf vulnerability](#). This flaw permits an attacker to gain control of your system when certain types of image files are displayed. A patch was released by Microsoft on Thursday, 1/5 and is being deployed onsite. This is a high risk vulnerability; other labs have already reported infected systems. Current reports have found this attack to be delivered not only in email attachments, instant messaging applications and malicious web pages, but also through images on legitimate websites that allow users to freely post messages on message boards, blogs and other community websites.

To be safe until the official Microsoft patch is installed, ensure that your antivirus software is up to date and the signatures are updated frequently throughout the day as new variants of this flaw are constantly being discovered. Also, don't open HTML emails from unknown senders and be cautious when visiting unknown websites or websites which house community forums. Symptoms of infection vary because the

**Friday, January 6**

- Old Fashioned Ham & Bean
- Black & Blue Cheese Burger
- Summer Herb Cod
- Stuffed Manicotti
- Roasted Veggie & Provolone Panini
- Assorted Pizza Slice
- Vegetarian Stir Fry

**Upcoming Menu****Chez Leon****Wednesday, January 11****Lunch**

- Tinge Con Tostados
- Rice and Beans
- Pico De Gallo
- Banana Spring Rolls

**Thursday, January 12****Dinner**

- Gruyere and Black Forest Ham Crepes
- Shrimp Scampi
- Spinach Fettuccine
- Cassata

**Chez Leon Menu**

Call x4512 to make your reservation.

**Search****Search the Fermilab Today Archive****Info**

Fermilab Today is online at: <http://www.fnal.gov/today/>

Send comments and suggestions to [today@fnal.gov](mailto:today@fnal.gov)

[Hurricane Relief Page](#)

[Fermilab Today archive](#)

[Fermilab Today PDF Version](#)

[Fermilab Result of the Week archive](#)



Just in at Visual Media Services: A high resolution 10 ft by 4 ft. photo of Andromeda (M31). The image, printed from Sloan's visualization data, was tiled by Sloan scientists and stitched and readied for printing by Visual Media Services. According to Albert Stebbins, of the Sloan survey, "It is the best high resolution photo of our nearest large galaxy." (Click image for larger version.)

**ILC NewsLine****Fermilab's Garbincius Chairs GDE Design Cost Board**

Last month in Frascati, GDE Director Barry Barish announced the establishment of the Design Cost Board with Fermilab's Peter Garbincius as chairperson. The primary role of this board is to oversee the preparation of the Reference



[Peter Garbincius](#)

Design Report, a document to be developed by the end of 2006, which will include a detailed design and cost estimate for the International Linear Collider.

[Read More](#)

**In the News**

exploit allows arbitrary code to be executed. Please see your local system administrators if you have any questions or believe you may have been infected.

**Announcements****Women's Self Defense Class**

Could you effectively defend yourself if attacked? This class builds on the natural strengths that women possess for effective self-defense. Class will be held at the Kuhn Barn on Wednesdays from 5:30-7:30 PM beginning January 18 – February 22. The cost is \$35.00 for the 6-week session. More information can be found at [the recreation Website](#). Deadline to register is January 13.

**Weight Watchers**

The Weight Watchers At Work program brings meetings right to the workplace. If you are interested in attending a free open house meeting and informational session, contact Bernie Dugan at x3591.

**Yoga Class**

The next 8-week session of yoga will begin January 17 through March 7. The class is held on Tuesdays in the ground floor Auditorium from noon to 1 p.m. Recreation Membership is *not* required, the cost for the 8-week program is \$80.00. Beginners welcomed, just be sure to bring a yoga mat. The deadline to register is January 13. Registrations can be made in the Recreation Office or find more information [here](#).

**Scottish Country Dancing**

Scottish Country Dancing will meet Tuesday, January 10, at Kuhn Barn on the Fermilab site. Instruction begins at 7:30 p.m. and newcomers are always welcome. Most dances are fully taught

[Fermilab Safety Tip of the Week archive](#)

[Linear Collider News archive](#)

[Fermilab Today classifieds](#)

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## From *BBC News*, January 3, 2006:

### Energizing the quest for 'big theory'

"We are at a point where experiments must guide us, we cannot make progress without them," explains Jim Virdee, a particle physicist at Imperial College London.

"We must wait for the data to speak."

Over a coffee in the lobby of building 40 at Cern, the sprawling experimental facility situated on the Swiss-French border, Professor Virdee says physics has reached a critical juncture.

[Read More](#)

and walked through, and you do not need to come with a partner. Info at 630-840-8194 or 630-584-0825 or [folkdance@fnal.gov](mailto:folkdance@fnal.gov).

### New Classifieds on Fermilab Today

New [classified ads](#) have been posted on Fermilab Today.

### [Upcoming Activities](#)