

## Calendar

### Mon., March 5

2:30 p.m. Particle

Astrophysics Seminar - Curia II  
Speaker: M. Bradac, Stanford University

Title: Shedding Light on Dark Matter: Seeing the Invisible with Gravitational Lensing

3:30 p.m. DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting - Curia II  
Special Topic: Auger Observatory Update

### Tue., March 6

11:00 a.m. Academic Lecture Series - 1 West

Speaker: T. Becher, Fermilab  
Title: Course 4, Part 3: QCD Effects in B Decays

1:30 p.m. Research Techniques Seminar - West Wing

Speaker: D. Zheng, Kotura Inc. WH-10NW

Title: Kotura, Silicon Photonic Technology and Capabilities

3:30 p.m. DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

4:00 p.m. Accelerator Physics and Technology Seminar - 1 West

Speaker: K. Yonehara, Fermilab

Title: Six Dimensional Phase Space Cooling Simulation for a Muon Collider

[Click here for NALCAL](#), a weekly calendar with links to additional information.

## Weather



Partly Cloudy 30°/8°

[Extended Forecast](#)  
[Weather at Fermilab](#)

## Feature

### CD celebrates five full years without a lost work time injury



Director Pier Oddone (left) presented a plaque to Computing Division head Vicky White (right) and CD safety officer Amy Pavnica, commemorating the safety achievement.



DOE Fermi Site Office Manager Joanna Livengood addressed the group.

The Computing Division recently achieved five years without a lost work time injury. The record was celebrated Thursday in the Atrium with cake, a lottery for prizes, and kudos from director Pier Oddone, other members of the directorate, and DOE Fermi site office manager Joanna Livengood.

"Congratulations on this significant accomplishment," said Livengood. "Not only

## Safety Tip of the Week

### Severe weather awareness



The State of Illinois has designated March 4 through March 10 as Severe Weather Awareness Week. The goal is to help prepare for hazardous weather during warmer months, including tornadoes, thunderstorms, lightning, flooding, high winds and large hail.

There are two basic elements to severe weather preparedness: recognizing the hazardous condition and taking the appropriate protective measures. At Fermilab we have a [Sitewide Emergency Warning System](#). Outdoor sirens go off for tornado warnings or national emergencies. If you hear an outdoor alarm, you should proceed to the best shelter that is available to you. Within structures, an alarm tone is followed by an announcement of the hazardous condition as well as instructions.

When offsite, you might be relying on community sirens and broadcast warnings. However, a preferred option is to make use of a weather [radio](#) that broadcasts National Weather Service warnings, watches, forecasts, and other hazard information 24 hours a day, seven days a week. There are 940 transmitters throughout the U.S. that provide location-specific information. Most weather radios can be set to automatically activate each time that a hazardous weather announcement is made. As with Fermilab's indoor warning system, there will be a tone followed by an announcement of the hazardous condition along with verbal instructions on how to protect yourself.

Be observant of conditions and use common sense when selecting shelter areas; pick the

**Current Security Status**[Secon Level 3](#)**Wilson Hall Cafe****Monday, March 6**[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, March 7  
Lunch**

- Chicken Satay with Peanut Dipping Sauce
- Oriental Salad
- Jasmine Rice
- Banana Spring Rolls

**Thursday, March 8  
Dinner**

- Risotto Cakes with Shrimp with Mustard Sauce
- Medallions of Beef with Cabernet Sauce
- New Potatoes with Dill
- Green Beans with Lemon Zest
- Gran Marnier Soufflé

[Chez Leon Menu](#)

Call x4598 to make your reservation.

**Archives**[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[ILC NewsLine](#)**Info**Fermilab Today is online at: [www.fnal.gov/today/](http://www.fnal.gov/today/)Send comments and suggestions to: [today@fnal.gov](mailto:today@fnal.gov)

are you the best in the world at what you do, you maintain your focus and do your work safely, which helps accomplish the mission and helps the laboratory."

**Photo of the Day****Biking to work, falling in love**

Ryan Hickey, who recently moved on from his job in the Accelerator Division, sent this image last week. Hickey's parents, Thomas "Butch" Hickey and Sharon Hickey are shown above on the center motorcycle (Sharon is on the back of the bike, in the center of the photo). The picture above was taken in the late 1970s, to accompany an article in *FermiNews* about people who ride motorcycles or bicycles to work to save gas.

Sharon and Butch met when they were working in Fermilab's Technical Division. They lived in Aurora, and raised Ryan there. He says he has fond childhood memories of the lab: "I went to day care here," he said. "Seeing the buffalo and going to all the barn parties here as a kid was great. It was a really fun place to grow up." After seven years of working in e-support for the Accelerator Division, Ryan had his final day at the lab on Friday; he will soon start a new job with Caterpillar in Aurora. "I'm really going to miss it," he said, "especially all of the people."

**In the News****New Scientist,  
March 2, 2007:****Higgs boson: Glimpses of the God particle**

*If the blips in the debris of the Tevatron particle smasher really are signs of the Higgs boson, then it's not what we expected. It might mean that it's time to replace the standard model with a more complex picture of the universe.*

On December 9 last year, as John Conway looked at the results of his experiment, a chill

best space you can safely get to. Designated shelters and lower, windowless rooms are best.

**Safety Tip of the Week Archive****Special Announcement****String Theory in two minutes**

Discover magazine is hosting a two-minute string theory video contest. The winning video will be selected by Columbia University physicist Brian Greene, best-selling author of *The Elegant Universe* and *The Fabric of the Cosmos*, and broadcast on the homepage of Discover.com. Deadline to submit is March 16; find more details [online](#).

**Accelerator Update****February 28 - March 2**

- One store provided 15 hours and 52 minutes of luminosity
- Two stores, just moments away from being established, were lost due to tune problems

[Read the Current Accelerator Update](#)[Read the Early Bird Report](#)[View the Tevatron Luminosity Charts](#)**Announcements****Storage system outages planned for March**

The Computing Division has planned outages for several Fermilab data storage systems throughout March. On March 6, the D0EN system will be down from 7 a.m.-12 p.m., and the STKEN-fcc system will be down from 7 a.m.-8 a.m. On March 8, STKEN-gcc will be down from 7 a.m.-12 p.m. Finally, on March 15, CDFEN will be down from 7 a.m.-12 p.m. The D0EN and CDFEN shutdowns will affect D0 and CDF, respectively, and the STKEN shutdowns will affect CMS and various other experiments. To find out if you will be affected by this shutdown, e-mail [ssa-group@fnal.gov](mailto:ssa-group@fnal.gov).

**Benefits Statements**

Your statement of benefits for 2006 is being sent to your mail station. You should expect to receive it by Friday, March 9, 2007. Please take this opportunity to review your statement. If you have any questions or feedback regarding your statement, please contact the Benefits Office. You may call Mary Todd, x4361; Scott Lindsey, x4362; or Kay Campbell, x3395.

**Ballroom Dance Classes**

Fermilab ballroom dance classes will be held at the Dupage Dance Center, Iroquois Center,

ran down his neck. For 20 years he had been searching for one of the most elusive things in the universe, the Higgs boson - a.k.a. the God particle - which gives everything in the cosmos its mass. And here, buried in the debris generated by the world's largest particle smasher, were a few tantalizing hints of its existence.

Conway first revealed the news of his experiment earlier this year in a blog. Experimental particle physicists are skeptics by nature, loath to claim the discovery of any new particle, let alone a particle of the Higgs's stature, and in his blog Conway dismissed hints of its existence as an aberration, just as many other supposed signs of the elusive particle have proved to be after closer examination. The tiny blips in Conway's data have so far simply refused to go away.

[Read More \(subscription required\)](#)

1163 E. Ogden Avenue Suite #620 in Naperville. Classes will take place on Monday evenings from 7:00 – 8:00 p.m., March 12 through April 30. This eight-week class will be \$56.00 (\$7 per class per person). The Waltz, Fox Trot and Tango will be taught. The deadline to register is March 9. Stop by the in the Recreation Office to register.

### [Upcoming Activities](#)