

## Calendar

### Wednesday, March 2

**11:00 a.m.** Fermilab ILC R&D Meeting - 1 West

Speaker: K. Ranjan, Fermilab

Title: Study of Main Linac Single Bunch Emittance Preservation in US Cold LC Design

**2:00 p.m.** Proton Driver General Meeting - 1 West

Speaker: D. Christian, Fermilab

Title: Pbars and Neutrons Working Group Report

Speaker: P. Piot, Fermilab

Title: Running Electrons and Protons in the PD Linac

**3:30 p.m.** DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

**4:00 p.m.** Fermilab Colloquium - 1 West

Speaker: S. Kachru, Stanford

University/Stanford Linear Accelerator Center

Title: String Theory and Cosmology

### Thursday, March 3

**2:30 p.m.** Theoretical Physics Seminar - Curia II

Speaker: V. Cirigliano, California Institute of Technology

Title: Neutrinoless Double Beta Decay and Lepton Flavor Violation **3:30 p.m.**

DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

## Weather

## March 8: Lab-Wide Focus on Computer Security Awareness



Computers are a necessary thing at Fermilab - especially for this group of scientists who are spotting the first neutrinos in the MINOS detector. (Click on image for larger version.)

Issues of computer security are ever-present for anyone with a computer, and Director Michael Witherell has designated Tuesday, March 8 as Computer Security Awareness Day throughout the lab. A day-long series of brown bag seminars will be offered in WH1W and Curia II, including required courses and talks on related topics.

There are now three levels of training and testing for computer security, with these required courses: Security Essentials for Fermilab System Administrators; Security Essentials for Desktop System Administrators; and Basic Computer Security. All lab computer users must take one of these three courses, depending on the scope of your responsibilities.

The brown bag seminars will include talks on Basics of Grid Computing; Security and the Grid; Fundamentals of Using Kerberos; Dangers of Spyware and Phishing; The Fermilab Network and You,

## Journalism Students Collect Data on Real-World Science



Greg Davis explains the intricacies of the DZero detector and particle physics research to a visiting class of science writing graduate students from Northwestern University's Medill School of Journalism. (Click on image for larger version.)

A dozen of tomorrow's science journalists got a first-hand view of Fermilab on Wednesday, Feb. 23 during the annual visit by a graduate class in science writing from Northwestern University's Medill School of Journalism. The group began with an overview of the lab from veteran physicist and accomplished tour guide Dave Finley of the Technical Division, and after lunch visited DZero with postdoc Greg Davis of Northwestern, whose program included a demonstration of removing floor tiles for cable access with maximum sound effects.

"Dave and Greg added immensely to the day with their insights and their humor," said Prof. Donna Leff, a former assistant city editor at The Chicago Tribune. "It's always a wonderful day for my science writing students to visit the lab, meet scientists and see how they actually do their work."

The students' work ranges far beyond classroom exercises. Several write for the



Sunny 27°/11°

[Extended Forecast](#)

[Weather at Fermilab](#)

### Current Security Status

[Secou Level 3](#)

### Wilson Hall Cafe

#### Wednesday, March 2

Vegetable Beef

Quarter Pound Hot Dog in a Soft Pretzel Roll \$4.75

Turkey a la King over Biscuit \$3.75

Country Fried Steak with Pepper Gravy \$3.75

Beef & Cheddar Panini w/ Sauteed Onions \$4.75

Assorted Personal Sized Pizzas \$3.25

Cavatappi Pasta with Italian Sausage & Tomato Ragu \$4.75

The Wilson Hall Cafe now accepts Visa, Master Card, Discover and American Express at Cash Register #1.

#### [Wilson Hall Cafe Menu](#)

[Chez Leon](#) will reopen starting

Wednesday, March 2. Call x4512 to make your reservation.

### Search

[Search the Fermilab Today Archive](#)

### Info

and What Happens in a Computer Security Incident. In addition, there will be kiosks in the Wilson Hall Atrium staffed by computing security experts who can answer your questions about security issues.

[read more](#)

- Mike Perricone

### In the News

#### From *The New York Times*, March 1, 2005

#### The Next Einstein? Applicants

#### Welcome

By Dennis Overybye

He didn't look like much at first. He was too fat and his head was so big his mother feared it was misshapen or damaged. He didn't speak until he was well past 2, and even then with a strange echolalia that reinforced his parents' fears. He threw a small bowling ball at his little sister and chased his first violin teacher from the house by throwing a chair at her.

[read more](#)

#### FYI: AIP Bulletin of Science Policy News, February 25, 2005

#### Orbach Discusses FY06 Office of Science Funding Request

On February 7, the day President Bush's FY 2006 budget request was released, DOE Office of Science Director Ray Orbach discussed the request for his Office, its impacts, and some of the justifications behind the budget numbers. He acknowledged several times that the tightness of the budget required priority-setting, and explained that his choices were determined by the goal of maintaining U.S. leadership in science.

Medill News Service, a working news bureau in downtown Chicago that was founded in 1995. Student [Katie Burns](#) recently filed a story on the MINOS experiment for news service clients including The Daily Herald, The Daily Southtown, Conscious Choice and The Chicago Reporter. The lab visit will also provide assignment material.

"It was exciting, but now I feel there is so much to learn," said student Miho Nagano at the end of the day. "I want to go home and read about the Higgs boson."

- Mike Perricone

### Announcements

#### EPS High Energy Particle Physics Prizes 2005

The EPS HEPP Board is calling for nominations for the EPS High Energy Particle Physics Prizes in 2005. These prizes include the High Energy and Particle Physics Prize, the Young Physicist Prize, the Gribov Medal and the Outreach Prize. A complete list of prizes and regulations is [available online](#). The deadline for nominations is April 15, 2005. The prizes will be awarded in a ceremony on July 25, 2005 during the International Europhysics Conference on HEPP, Lisbon.

#### Champions on Ice Discount Tickets

The Recreation Office offers discount tickets for the John Hancock Champions on Ice, held at the United Center on Sunday, April 10 at 1:00 PM. Regular prices are \$45-\$30. The discount price is \$35 or \$20. Ticket order forms and more information can be found in the Recreation Office or on the [Recreation web page](#). You may order tickets by mail or fax. Tickets are limited, so order today.

Fermilab Today is online at:

<http://www.fnal.gov/today/>

Send comments and suggestions to

[today@fnal.gov](mailto:today@fnal.gov)

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He warned that the budget constraints "are not going to go away in 2007 [and] it's going to be a difficult four years."

The request would cut Office of Science funding by 3.8 percent from the current year, to \$3,462.7 million. This is below both [FY 2004 and FY 2005 levels](#). While Basic Energy Science and Fusion Energy Sciences would be increased, the High Energy and Nuclear Physics programs would both be reduced below FY 2004 and FY 2005 levels. Biological and Environmental Research, Advanced Scientific Computing Research, Scientific Laboratory Infrastructure, and Workforce Development for Teachers and Scientists would experience reductions from FY 2005 levels.

[read more](#)

## [Upcoming Activities](#)