

## Calendar

### Wednesday, February 23

**9:30 a.m. or 1:30 p.m.** DZero Operations Tour - Mechanical Engineer

[Registration required](#)

**10:30 a.m. or 3:00 p.m.** DZero Operations Tour - Electrical Engineer

[Registration required](#)

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

Speaker: J. Jackson, Fermilab  
Title: ILC Communication Update

Speaker: V. Kuchler, Fermilab  
Title: ILC Conventional Facilities Update

**12:00 p.m.** E-Week Activity - One West  
Speaker: Ed Crumpley

Title: Architecture & Science: Fermilab's Architectural Heritage

THERE WILL BE NO PROTON DRIVER GENERAL MEETING THIS WEEK

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

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

Speaker: E. Okal, Northwestern University

Title: Tsunamis: Warning, Detecting, Simulating, Chasing

### Thursday, February 24

**12:00 p.m.** E-Week: The Grid for Engineers - One West  
Speaker: Ruth Pordes

**3:00 p.m.** E-Week: Director's Talk to Engineers and All Engineers Picture - One West

Speaker: Mike Witherell

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

Speaker: L. Everett, University of Florida,

## Fermilab Awards Safety Plaques and Posters



Mike Witherell presented posters to the five Fermilab employees who are currently featured in the safety display on the west wall of the cafeteria. (Click on image for larger version.)

Fermilab held an ES&H Executive Committee Meeting yesterday to recognize safety performance and promote future safety. Vicki White accepted an award on behalf of the Computing Division for "the world champion" of safety. Dave Carlson accepted an award on behalf of the Accelerator Division's Business Services for the most improved safety performance.

"Both of these sections have many opportunities for safety hazards," said Director Mike Witherell, who handed out the awards. "The Computing Division had a billion and a half hours of work. I'd like to give credit to all the people who made safety a priority, and to pass this on to all the people in your divisions."

Five Fermilab employees were also recognized for their safety efforts by posters currently hanging on the west wall of the cafeteria. Mike Becker of Roads and Grounds, Ray Yarema of the Particle

## Colloquium Speaker Works To Help Tsunami Warnings



In Hawaii, Prof. Emile Okal (hat and sunglasses) interviews a witness of the damage wrought on the Island of Hiva Oa by the large 1946 Aleutian tsunami. Tracking past tsunamis builds information for future warnings. (Photo courtesy Emile Okal) (Click on image for larger version.)

A field of science making the headlines is often good news-but when that field is the study of tsunamis, the headlines can describe the kind of disaster that struck southern Asia on Dec. 26, 2004. Prof. Emile Okal of Northwestern University hopes his own research, and the research of others, can help with earlier warnings and strategies for minimizing destruction.

In his presentation for today's Fermilab Colloquium (4 p.m. in One West), Okal examines "Tsunamis: Warning, Detecting, Simulating, Chasing." Okal discusses the basic physics of the tsunami wave, the relationship between seismic source and tsunami excitation, and the scientific bases underlying the mitigation, warning, computer simulation, and real time detection of tsunami waves.

"We're doing extensive field work to reconstruct present or historical tsunamis," Okal says, "to build databases of inundation parameters for use in mathematical modeling. In fact, I am

Gainesville

Title: Neutrino Mixing from the Top-Down and the Bottom-Up

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

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

### Weather



Partly Cloudy **33°/19°**

[Extended Forecast](#)

[Weather at Fermilab](#)

### Current Security Status

[Secou Level 3](#)

### Wilson Hall Cafe

#### Wednesday, February 23

Portabello Harvest Grain Soup

Santa Fe Chicken Quesadilli \$4.75

Garlic Herb Roasted Pork \$3.75

Jambalaya \$3.75

Roast Beef on Ciabatta w/ Red Pepper

Mayo \$4.75

Meatlover's Pizza \$2.75

Pesto Shrimp Linguini with Leeks &

Tomatoes \$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 be closed through January and February

### Search

**Search the Fermilab Today Archive**

### Info

Physics Division, Mayling Wong of the Technical Division, Gregg Kobliska of the Technical Division and John Kedzierski of Fermilab Engineering Services received posters of their own at the meeting.

"The safety profiles posters have been well-received because these are people at the laboratory who are known for what they do," said Witherell. "We've learned that we can manage safety by building on visible success, and we don't want people to take the point of view that 'this is out of my control.'"

The Committee discussed plans to encourage employees to point out when somebody else is doing something wrong and realizing it's for everyone's protection and not to take it personally. The Committee also wanted to encourage people to report every accident so that the laboratory can get accurate statistics, and employees shouldn't worry that reports will make the lab look bad.

### E-Week Today: Architecture and Science



At yesterday's E-Week presentation in One West, Curt Danner (left), Electrical Engineer in the Particle Physics Division, shared his experiences with education outreach and toy car design, along with Maurice Ball of the Accelerator Division and Sten Hansen of the Particle Physics Division. (Click on image for larger version.)

leaving next week for Reunion Island in the Indian Ocean, to study the aftermath of the tsunami in Sumatra. We have also interviewed witnesses going back to the 1940s and 1950s, to reconstruct data bases from historical tsunamis...As in any scientific discipline, you try to group your observations into patterns, and if that doesn't work, you have to think of something else."



Aerial view of the tsunami-devastated city of Banda Aceh on the Indonesian island of Sumatra. (Reuters photo) (Click on image for larger version.)

### In the News

#### From the House Committee on Science, February 18, 2005

##### Boehlert Releases New GAO Report Finding Reduced Delays for Visas for Scientists and Students

WASHINGTON, D.C., House Science Committee Chairman Sherwood Boehlert (R-NY) today released a new report he had requested from the Government Accountability Office (GAO) that found average visa processing times for students, scientists, and other visitors to the U.S. have been greatly reduced from an average of 67 days one year ago to 15 days today.

Boehlert requested the report as part of a continuing effort by the Science Committee to reduce visa delays for scientists and science students from overseas.

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Today's E-week featured presentation at noon in One West by Ed Crumpley is "Architecture and Science - Fermilab's Architectural Heritage." All Fermilab employees are invited to attend.

A hosted tour of DZero's public tour area and the operational areas will be offered at four times today. A general description of the detector and the operational infrastructure will be covered. Tour times of 9:00 a.m. and 2:30 p.m. will be hosted by a DZero mechanical engineer, Russ Rucinski. At 10:30 a.m. and 4:00 p.m., tour times will be hosted by a DZero electrical engineer, John Anderson. Tour size is limited. Reservations should have been made already or contact [rucinski@fnal.gov](mailto:rucinski@fnal.gov) for late additions. Tour starts in the public tour area inside the DZero Assembly building.

Don't forget to contribute to the Food Drive to benefit The Batavia Interfaith Food Pantry being held in conjunction with E-week. Collection boxes will be outside One West at noon for each talk, on WH 5E at the elevator and at the Comitium on February 25. Any monetary contributions can be given to Connie Crome, WH 5E, MS 214. All monetary donations are tax-deductible and you will receive a receipt.

Don't forget to sign up for the Finale luncheon which will be held at 11:30 a.m. on Friday on the 2nd floor crossover. Reservations and \$5.00 payment are required by the end of today. Contact Crome at x5429, WH 5E FESS.

[more information](#)

[read more](#)

## **From *Science Magazine*, February 18, 2005**

### **New Rules Ease Scientific Exchanges**

by Yudhijit Bhattacharjee

The United States last week changed its visa rules to make it easier for foreign students and scientists working on sensitive technologies to reenter the country after overseas trips. The new policy, announced last week by the State Department, extends the validity of security clearances, now 1 year, to 4 years for international students and 2 years for foreign scientists.

[read more](#)

## **Announcements**

### **Chez Leon Reopens**

Chez Leon will reopen starting Wednesday, March 2. Call x4512 to make your reservation.

### **Unix Users Meeting**

There will be a Unix Users Meeting today in Curia II from 1:00-3:00 p.m. Agenda:

- Linux World Trip Report
- LTS/SL 3.0.4 release
- SL 4 beta release

### **February PC Manager Meeting**

There will be a PC Manager Meeting today in WH8X from 9:00-10:00 a.m.

Agenda:

- Updates/Announcements
- Lessons Learned: Building the Symantec Patch, Andy Romero
- Windows Policy Committee Website Changes, Jack Schmidt
- Calendar Futures: New Meeting Maker Products, John Bellendir

### **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.

[Upcoming Activities](#)