

## Calendar

### Wednesday, June 7

**11:00 a.m.** Fermilab ILC R&D Meeting - (NOTE LOCATION) Curia II

Speaker: R. Kephart, Fermilab

Title: U.S. Bid to Host the ILC

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

BREAK - 2nd Flr X-Over

**4:00 p.m.** Fermilab Colloquium - (NOTE LOCATION) Curia II

Speaker: L. Dixon, SLAC

Title: Twistor Spinoffs for Collider Physics

### Thursday, June 8

**2:30 p.m.** Theoretical Physics Seminar - Theory Conf Rm

Speaker: L. Dixon, SLAC WH-3NE

Title: Bootstrapping One-Loop QCD Scattering Amplitudes

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

BREAK - 2nd Flr X-Over

**4:00 p.m.** Accelerator Physics and Technology Seminar - (NOTE

LOCATION) Auditorium

Speaker: D. McGinnis, Fermilab

Title: Introduction to Radio Frequency Fundamentals for Particle Accelerators – Part I

[Click here for a full calendar with links to each event.](#)

## Weather



Partly Cloudy **59°/81°**

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

## Orbach Confirmed as Under Secretary for Science

WASHINGTON, DC - Energy Secretary Samuel W. Bodman administered the Oath of Office to Dr. Raymond L. Orbach to be the

Department of Energy's (DOE) first Under Secretary for Science on June 1, 2006. Dr. Orbach was unanimously confirmed by the

United States Senate on May 26, 2006. President Bush nominated Dr. Orbach for the new position, created by the Energy Policy Act of 2005, in December 2005. Dr. Orbach will continue to serve as the Director of the DOE Office of Science, a position he has held since March 2002.

Dr. Orbach is a condensed matter physicist and former Chancellor of the University of California - Riverside.

Secretary Bodman issued the following statement after the administering the Oath: "Today marks an important occasion not only for my good friend Ray Orbach, but also for this department, as we elevate our science mission. As the primary supporter of physical science research in the country and home to ten national laboratories, the Department of Energy's Office of Science provides the nation and the world untold promise for discovery."

"As Under Secretary for Science, Ray will



Raymond Orbach

## To Dr. Foxen, retirement will mean new pursuits



People will have a chance to say goodbye to Dr. Foxen at an open house on June 15 and 16, from 9 a.m. to 3 p.m. in the medical office.

After seven years of bandaging cuts and examining bruises, checking work sites for hazards and answering employees' medical questions, Dr. John Foxen is retiring as Fermilab's Site Occupational Medical Director. "He's definitely been a very valuable asset to this laboratory," said ES&H director Bill Griffing.

Foxen and his Medical Department staff do more than handle workers' injuries. They visit work sites to identify hazards and work with ES&H to resolve them. Prior to the shutdown, they examined everyone at risk of injury while working on Tevatron upgrades. "This kind of work often involves dealing with many unusual stresses that people don't encounter on a daily basis," said Tim Miller, associate ES&H section head. "He has brought occupational medicine to the medical department."

Foxen's greatest contribution to the Fermilab community, however, may be his care beyond work-related injuries. Routine exams and tests have caught cancers, diabetes and high blood

[Secon Level 3](#)**Wilson Hall Cafe****Wednesday, June 7**

- Italian Wedding with Meatballs
- Diner Style Patty Melt
- Chicken A La Mer
- Stuffed Cabbage
- Greek Chicken Panini w/Feta Cheese
- Sicilian Style Pizza

The Wilson Hall Cafe accepts Visa, Master Card, Discover and American Express.

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, June 7****Lunch**

- Poached salmon w/watercress sauce
- Spring Vegetable Medley
- Chocolate Kahlua Flan

**Thursday, June 8****Dinner**

- Nectarine Prociutto and Arugula Bundles
- Veal Saltimbocca
- Saut ed Spinach with Garlic
- Bowtie Pasta w/Pine Nuts and Parmesan
- Peach Melba

[Chez Leon Menu](#)

Call x4598 to make your reservation.

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be tasked with the department's implementation of President Bush's bold new initiative, the American Competitiveness Initiative. The American Competitiveness Initiative will help us expand the United States' leadership in math and science and will allow us to continue to grow our nation's economy. I congratulate Ray on his swearing-in and look forward to his continued service to the department and to the country."

--DOE Press Release

**Computing Division hits safety, data milestones**

The Computing Division celebrated 4 petabytes of processed data and 2 million hours of injury-free work Friday. (Click on image for larger version.)

If you stored data the Computing Division digested during the five years of Run II on compact disks, they would pile 40,000 feet into the sky--high enough to graze the belly of a jetliner. Such rapid data processing was cause for celebration Friday afternoon, as employees gathered under a white tent in front of the Feynman Computing Center to cut and digest cake for a change. "We have achieved one of the largest installations of data storage in the field of High Energy Physics," CD's Deputy Head Bob Tschirhart said Friday.

Actually, there were two reasons to celebrate. Not only has the division stored and served four petabytes (4 million gigabytes) of experimental data to

pressure in early stages. He's always willing to answer medical questions and give second opinions. "Fermilab has given me the luxury of not having to rush through patients, and I'm able to actually take time with people when they need it," says Foxen. "It's like having your brother or brother-in-law be a physician."

Foxen is moving to St. Louis to take care of family obligations, but he also plans to pursue some medical interests, including acupuncture and Alzheimer's research at Washington University. "When we asked Dr. Foxen what kind of goodbye he would like, he said he would simply like the opportunity to talk to people," said Miller. On June 15 and 16, from 9 a.m. to 3 p.m., there will be an open house in the medical office for people who wish to say goodbye to Dr. John Foxen.

--Ben Berger

**Accelerator Update****June 5 - 6**

- MI's orbit shift discovered
- Pbar begins stacking
- MiniBooNE beam established
- MI conducts mixed mode stacking study
- Machine Reports

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

**In the News**

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scientists around the globe, they've done it safely. For two million hours, CD employees have avoided lost days of work due to dangers from high-voltage electrical control systems, beryllium detectors, and the most common cause of injury in the workplace--trips and falls. "Two million hours without a reportable case incident is amazing," said Tschirhart. "Almost as amazing as digesting all that data."

--Siri Steiner

## **Wanted: Fermilab ushers Reward: World-class shows**



The Ramsey Auditorium holds 830 people.

(Click on image for larger version.)

Have you ever wondered what it takes to make the show go on? At Fermilab's Arts & Lecture Series, the answer is the volunteers of the Auditorium Committee. This is a group of people who help sell tickets, serve as ushers, load in sets, help performers and much more. The group is looking for additional ushers, who receive the benefit of attending performances for free.

Members of the new Usher Corps will be asked a few days before a show to help on a first-come, first-served basis. If you are selected to help at a performance, you will get a free pair of tickets to that event. Ushers typically meet at the auditorium 45 minutes before the show starts.

## **Mercury News**

### **June 5, 2006:**

**Scientists seek to answer big question: What's the universe made of?**

WASHINGTON - After a 70-year hunt, astronomers and physicists think they'll soon be able to identify "dark matter," a ghostly glue that keeps the galaxies, including our own Milky Way, from flying apart.

Telescopes in space and detectors buried deep underground are searching for this mysterious substance, which is at least five times more plentiful than ordinary matter, the stuff of stars, planets, trees and people.

[Read More](#)

## **Announcements**

### **Renaissance Faire Discount Tickets**

The fair includes entertainment on 16 open-air stages; over 50 food booths; a marketplace with over 180 arts and crafts shops; and lots of entertainment. The fair is happening July 8 through September 4 from 10:00 a.m. until 7:00 p.m. on Saturdays and Sundays (rain or shine). Discounted tickets cost \$16.00 for adults, and children ages 5 - 12 are only \$7.50 (plus \$.25 service charge). Purchase tickets in the Recreation Office, by mail or by phone.

### **2004 Particle Physics Data Group**

Anyone interested in donating copies of the 2004 Particle Data Group booklet please contact Heath O'Connell in the Library at [hoc@fnal.gov](mailto:hoc@fnal.gov) or x6017.

### **Interior window washing**

Window washing inside Wilson Hall will begin next week, starting from the top of the building Monday and working down

Some of the upcoming events include concerts by Howard Levy & Pat Donohue (of Prairie Home Companion fame), Chicago's leading world music phenomenon, Funkadesi, and internationally acclaimed groups like The Tannahill Weavers, Shangri-La Chinese Acrobats, and the famed Aquila Theatre of London performing Chaucer's Canterbury Tales.

If you are interested or if you have questions, please send an e-mail to [audweb@fnal.gov](mailto:audweb@fnal.gov). Please provide your name and phone number.

--Janet Mackay-Galbraith

over the course of the week. Floors 12-15 will be washed Monday, 9-11 Tuesday, 8 and 7 Wednesday, 4-6 Thursday and 1-3 Friday. If you wish to have the full interior of windows in your area washed, it is your responsibility to clear the area ahead of time. Washers will not move furniture to clean the windows.

#### **FAR launch June 10**

The Fermilab Association of Rocketry (FAR) is having its monthly club launch on June 10, from 10am until 3pm. Join the club and the yearly dues for 2006 are waived. More details can be found on [the website](#).

#### **[Upcoming Activities](#)**