

Calendar

Wednesday, April 19

9:00 a.m. - 7:00 p.m. [P5 meeting](#)

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

Speaker: M. Church, Fermilab

Title: Proposal for ILC Test Facility

11:00 a.m. Academic Lecture Series - Curia II

Speaker: B. Cabrera, Stanford University/Fermilab

Title: The Search for WIMP Dark Matter Around Our Galaxy Course 7: (2nd Lecture)

2:30 p.m. Theoretical Physics Seminar (NOTE DATE) - Curia II

Speaker: C. Hill, Fermilab

Title: Physics of the $d = 5$ Chern-Simons Term

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

4:00 p.m. Fermilab Colloquium - 1 West
Speaker: W. Washington, The National Center for Atmospheric Research

Title: Climate Change Simulations of the 20th and 21st Centuries: Present and Future

Thursday, April 20

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

4:00 p.m. Accelerator Physics and Technology Seminar - Curia II
Speaker: V. Ranjbar, Fermilab

Title: Chromaticity and Impedance Effect on the Transverse Motion of Longitudinal Bunch Slices in the Tevatron

Weather

New panel needs honest input for improved safety



Energy Secretary Samuel Bodman recognized Fermilab for reaching safety targets for 2005. Though Fermilab has met each 2005 targets, DOE labs are expected to improve each year. ([Click for larger version.](#))

In the coming weeks, your division or section SSO may ask you to take part in an interview with the newly formed Laboratory Director's Panel on Injury Reduction. Panel members will be surveying Fermilab employees to get their opinions about maintaining an injury-free workplace. "We want to know what people think has worked well to help reduce injuries in the past, and which efforts they feel have not had much impact," said Rich Ruthe, Chair of the Panel. The Panel is strategizing to decrease injury rates at Fermilab--although Fermilab has met safety targets in the past, the idea is to meet more stringent targets for next year. "DOE continues to tighten performance," said Ruthe, "and we can't just maintain status quo no matter how well the lab did in previous years."

The panel has pre-selected 110 employees for the survey, representing employees at all levels; directors,

Fermilab: E-cycling "Star"



Seymour Green, "The Green Guy," represents Fermilab's efforts to promote sustainability.

The DOE saluted Fermilab last month for its efficient electronics recycling program with the "Pollution Prevention Star Award." The award, happily nicknamed "P2," recognizes the lab's efforts to dispose of unneeded electronic equipment in "an environmentally sound manner." "The laboratory generates a lot of electronic waste. That's part of doing business at Fermilab," said recycling coordinator Eric Mieland of ES&H. To stay at the forefront of physics research, Fermilab must constantly dispose of electronic equipment and buy new equipment. Recycling that equipment keeps the waste--especially hazardous waste--out of landfills.

Electronic recycling, or "e-cycling," includes anything from computer monitors to oscilloscopes. Of the 200,000 pounds of e-waste produced last year, a quarter of it was "reclaimed"--sent to someone who could use it. The rest was demanufactured. This means that its

Chance of Showers **70%/45°**[Extended Forecast](#)[Weather at Fermilab](#)**Current Security Status**[Secou Level 3](#)**Wilson Hall Cafe****Wednesday, April 19**

- Portabello Harvest Grain
- Santa Fe Chicken Quesadilla
- Garlic Herb Roasted Pork
- Beef Stroganoff
- Triple Decker Club
- Meatlover's Pizza
- Pesto Shrimp Linguine with/Leeks & Tomatoes

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

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, April 19****Lunch**

- Tri-Colored Tortellini w/Gorgonzola Cream
- Sauteed Spinach
- Ginger Pear Crisp

Thursday, April 20**Dinner**

- Coquille St.Jacques
- Pork Tenderloin w/Marsala Sauce
- Steamed Asparagus
- Roasted Yukon Gold Potatoes w/Onion
- Rhubarb Apple Turnovers
- Pear & Almond Strudel

[Chez Leon Menu](#)

managers, supervisors, front-line employees and union members from a variety of groups within each division and section. "We want to get representation from a broad cross-section of the lab, so we can get a good indication of best practices," said Ruthe. If you happen to be selected for the survey, it's important to keep in mind that honest and open input is needed, and all interviews will be kept in strictest confidence. "It is important to discover what has worked to drive our injuries down," said Ruthe.

--*Siri Steiner*

C++ Classes offered June 5

On June 5, Fermilab will offer the first session of Accelerated C++: A Short Course in Practical Programming by Example.

The Short Course is an extended professional development experience that emphasizes computer programming in modern standard C++. No tuition is charged; the only cost is for the required textbooks. A subsidy is available for most students. All course participants receive TRAIN credit upon successful completion.

Walter Brown, who participates on Fermilab's behalf in the international C++ standardization effort, is the course instructor. He is a member of the Computing Division's CEPA department.

Course registration is now open. [Course Announcement and Syllabus](#).

In the News

parts were recycled the way any other glass, plastic, or metal gets recycled. The main difference, says Fermilab's Property Inventory Control Manager Jack Kelly, is in how they treat the hazardous materials associated with some of the lab equipment and computers. "We want to make sure recyclers dispose of materials in an environmentally sound manner," Kelly said. For example, computer monitor screens are coated with lead. The lab's recycling contractor, Intercon, sends the lead-coated glass to a lead recycler first so that it may be melted off before the glass is recycled. One hundred percent of the lab's e-waste was recycled last year.

Lab employees are also trained to communicate with each other, so that before a department discards a piece of equipment it can see if another department could use it first. "(The award) gives the laboratory an opportunity to look more closely at how it deals with things beyond their useful life," Mieland said.

—*Jennifer Lauren Lee*

Announcements**Air Conditioning Outage**

The air conditioning will be out on the weekend of April 22 and 23 in Wilson Hall and in the Accelerator Division footprint. The following critical areas will have backup cooling systems available: 5th floor N/W BS computer room, 8th floor W. Fiber Central, 13 th floor N/E, and Ground floor Telecom. Please plan accordingly.

Power Outage

A major power outage will occur next Monday, April 24. The outage will be from 7:00 a.m. to 7:30 a.m. and will affect

Call x4598 to make your reservation.

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The New York Times **April 18, 2006:**

A Real Flip-Flopper, at 3 Trillion Times a Second

Have trouble making up your mind?

Physicists at the Fermi National Accelerator Laboratory reported what would seem to set a new standard for vacillation last week: a subatomic particle that reverses identity three trillion times a second, switching into its upside-down mirror-image evil-twin antimatter opposite and then back again.

The measurement of this yin-yang dance was a triumph for Fermilab's Tevatron, which smashes together trillion-volt protons and antiprotons to create fireballs of primordial energy, and for the so-called Standard Model, a suite of theories that explains all that is known to date about elementary particles and their interactions.

"This finding is only the beginning of many more exciting scientific discoveries," said I. Joseph Kroll, a physicist at the University of Pennsylvania.

Dr. Kroll was part of the 700-member multinational team known as the Collider Detector Facility collaboration that did the definitive analysis, confirming an earlier estimate by a rival Fermilab group, the DZero collaboration.

[Read More](#)

everything except the village and the Main Injector. Note: this outage includes Wilson Hall and the experiments.

New number for User's Center and Chez Leon

Lunch and dinner reservations at Chez Leon and special events, use of the music room, TV room or game room at the User's Center are now being taken at ext. 4598.

International Folk Dancing

International Folk Dancing will meet Thursday, April 20, at Kuhn Barn on the Fermilab site. Dancing begins at 7:30 p. m. with teaching and children's dances earlier in the evening and request dancing later on. Newcomers are welcome and you do not need to come with a partner. Info at 630-584-0825 or 630-840-8194 or folkdance@fnal.gov.

Retirement Income Options Seminar

On April 21, TIAA-CREF representative John Creel will hold a Retirement Income Options Seminar. According to Employee Benefits Planning Manager Wilma Cardona, the seminar will help you understand the retirement income options that are available and it's a good idea to attend several different sessions to obtain a thorough understanding of this important benefit. You can enroll online [here](#) and review the information about the seminar [here](#).

[Upcoming Activities](#)

