

Furlough Information

New furlough information, including an [up-to-date](#) Q&A section, appears on the [furlough Web pages](#) daily.

Layoff Information

New information on Fermilab layoffs, including an [up-to-date](#) Q&A section, appears on the [layoff Web pages](#) daily.

Calendar

Monday, April 7

THERE WILL BE NO PARTICLE ASTROPHYSICS SEMINAR THIS WEEK

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting - Curia II

Special Topic: CMS Installation and Commissioning

Tuesday, April 8

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

4 p.m.

Budker Seminar - Snake Pit
Speaker: D. McCarron, Illinois Institute of Technology
Title: Booster Injection Beam Dynamics

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

Weather

 **Breezy**
59°/37°

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

Feature

SciBooNE wins DOE-wide award for pollution prevention



Camillo Mariani (top) and Lucio Ludovici (middle), both from University of Rome, La Sapienza, and Chris Richardson and John Cornele, both of Fermilab, install re-used electromagnetic calorimeter modules into an element of the SciBooNE experiment.

The SciBooNE experiment, which is tucked away in a small cement building no larger than a commercial elevator shaft, recently stood out in the national spotlight. Federal officials recently named SciBooNE a recipient of a DOE-wide Pollution Prevention Star (P2 Star) Award for its reuse of existing materials.

"This shows that the laboratory is making the most efficient use of the resources that are available to it, and is a testament to the resourcefulness of science laboratories to make the most of materials," said Eric Mieland, Fermilab's recycling coordinator. "We now think about the full-circle impact, rather than just the front end. We're interested in what happens when we're done with the project."

SciBooNE, which measures the probability that neutrinos interact with matter, was put together using recycled detector systems from across the world and material scrounged from the Fermilab site.

The experiment received recognition as a DOE Office of Science Noteworthy Practice and a pollution prevention model in January. Mieland was pleasantly surprised that the project continued up the award chain. The P2 Star award is the highest pollution prevention award given by DOE, and only four are awarded annually. Winning the DOE award

Safety Tip of the Week

Share the road



[Click on the above photo](#) to watch a 7-minute YouTube bicycle traffic safety video from the National Highway Traffic Safety Administration. (Adobe Flash Player required)

Fermilab is a great place to ride a bicycle. We have interesting scenery, a paved bike path and plenty of lightly-traveled roadways. Unfortunately, when motorists and bicyclists meet, rules of the road and common courtesy can get overlooked. Remember that getting angry, hostile or abusive won't help the situation. Instead, we need to stay calm, exercise caution and show respect for each other, no matter how we're traveling.

Reminders for motorists:

- Leave at least 3 feet between you and the bicycle when passing.
- When making right turns, check for a bicyclist on your right.
- Yield to bicycles as you would to another vehicle.
- Use turn signals.
- Watch for areas where bicycles can enter the road, especially at right turns.
- Look for bikes when getting out of your car to avoid door-bike crashes.

Reminders for bicyclists:

- Obey all traffic signs, laws and signals.
- Wear a bicycle safety helmet.
- Ride in the same direction as cars in your lane.
- Stay as far to the right as practical.
- Ride predictably.

Current Security Status

makes SciBooNE a contender for the nation's highest pollution prevention honor, the White House Closing-the-Circle Award. An announcement of nationally-selected winners will occur later this month.

[Secon Level 3](#)**Wilson Hall Cafe****Monday, April 7**

- Spicy beef & rice soup
- Corned beef reuben
- Honey dijon glazed pork loin
- Vegetable lasagna
- Chicken oriental wrap
- pineapple
- Assorted pizza slices
- Pacific Rim rice bowl

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, April 9****Lunch**

- Moroccan game hens
- Couscous w/almonds & raisins
- Julienne of carrots
- Pear strudel

Thursday, April 10**Dinner**

- Closed

[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/

Send comments and suggestions to:

today@fnal.gov

"The PPD SciBooNE effort is special because the team coordinated on both a local and a global scale to reuse materials, avoid waste and cut costs. Environmentally speaking, the ripple effect of such planning and thinking can be huge. Congratulations to everyone involved!" said DOE environmental scientist Sally Arnold.

SciBooNE's project head Rick Tesarek and spokespersons Morgan Wascko and Tsuyoshi Nakaya estimate that 70 percent of the material and equipment in the project had been used previously. Without reusing existing materials, the experiment would have cost \$4.5 million. Instead, it cost \$1.2 million. Continuing the recycling chain, many of the materials used in SciBooNE will end up in future experiments.

Read more about SciBooNE's recycled elements and previous award [here](#).

--*Rhianna Wisniewski*

In the News**Future science needs aid now**

From *Chicago Tribune*, April 2, 2008

When I started hearing rumors last year that Congress might cut the high-energy physics budget, I never dreamed that it would be as bad as the whisperings suggested.

Unfortunately, my worst nightmare came true: The \$500 billion spending bill, approved by Congress shortly before Christmas, cut \$94 million in funding for high-energy physics—a field in which I study exotic particles that are way too small to be seen even with the most powerful microscope to determine how our universe is put together and the rules that it plays by.

[Read more](#)

In the News

- Use hand signals.

[Safety Tip of the Week Archive](#)**Accelerator Update****April 2-4**

- One store provided 36 hours and 21 minutes of luminosity
- Support groups replace NuMI magnet
- Pbar installs rebuilt lithium lens
- DZero has front end problems
- Booster MP02 septa ground fault trips

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements[Have a safe day!](#)**Kyuki-Do Martial Arts class begins Monday**

Kyuki-Do, a mixed martial arts system based on Taekwondo, leads to a practical method of self-defense. It will teach you balance, power and self control. Each six-week session of lessons take place from 5 to 6 p.m. Mondays and Wednesdays at the Recreation Facility in the Village. You must have a Recreation Facility membership and register through the Recreation Office. Each session costs \$45.

Flexible Spending Accounts

To get reimbursed, you must submit 2007 Flexible Spending Account claims by April 30, 2008. Fax claims to Cigna at (570) 496-2945. Include a signed and dated claim form with your submission for reimbursement.

NALWO lunch April 9

NALWO will hold a luncheon Wednesday, April 9, at noon at Chez Leon. The \$12 luncheon provides a chance to meet other laboratory women, network or just relax over a meal. Anyone interested must RSVP by Sunday, April 4, to Marjorie Appel via [e-mail](#) or by phone at (630) 293-9349.

TIAA CREF retirement counseling

Chad Stein from TIAA CREF will conduct retirement counseling sessions at Fermilab on Wednesday, April 9, and Thursday, April 10. You may schedule an appointment by calling (800) 842-2005, 5602 or using the TIAA CREF [Web site](#).

Computer programming course

"Fine Points of C++ Pointers: Dumb, Smart, and Smarter," the second course in the current series of "Selected Topics in Computer

Zimmer outlines top priorities

From *Chicago Maroon*, April 4, 2008

The establishment of a Washington, D.C., lobbying office and the construction of a new hospital were among the many University initiatives that President Robert Zimmer identified as his office's top priorities in a letter sent to the campus community last week.

The proposals, which include efforts to enhance scientific research and academic programs, faculty and student support, and community engagement, were identified after extensive discussion with University members and departments over several months, the president's letter said.

[Read more](#)

Programming," is offered on Thursday, April 10. Aimed at programmers with C++ experience, it will deal in depth with issues related to pointer manipulation in C++ programs. Attendees will learn best-practice techniques of resource management in modern standard C++, which will prepare them for related new techniques that will become available in the next C++ standard. Participants of the free course will receive TRAIN credit. Course registration is now open. Future courses will occur at two-week intervals.

[Additional Activities](#)