

Calendar

[Have a safe day!](#)

Friday, Sept. 24

3:30 p.m.

DIRECTOR'S COFFEE BREAK - 2nd

Flr X-Over

4 p.m.

[Joint Experimental-Theoretical](#)

[Physics Seminar](#) - One West

Speaker: Peter Shanahan, Fermilab

Title: Progress of the NOvA

Experiment

Saturday, Sept. 25

7 p.m.

[Fermilab Arts Series](#) - Ramsey

Auditorium

Performer: Gizmo Guys

Tickets: \$16/\$8

Monday, Sept. 27

2:30 p.m.

[Particle Astrophysics Seminar](#) - One

West

Speaker: Itay Yavin, New York

University

Title: Inelastic, Excited, and Magnetic

Dark Matter

3:30 p.m.

DIRECTOR'S COFFEE BREAK - 2nd

Flr X-Over

4 p.m.

All Experimenters Meeting - Curia II

Special Topics: Decommissioning

User Magnetic Tape Reading; CDF

Silicon Lifetime and Performance

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

[Upcoming conferences](#)

Campaigns

Take Five

Tune IT Up

Feature

Employees repurpose former beamline enclosure



Some members of the team that dismantled the beamline enclosures stand next to one of the newly cleared areas.

Fermilab employees recently took the mantra "reduce, reuse, recycle" beyond the cafeteria to carry out a project that will save the laboratory time, resources and tens of thousands of dollars.

Over the past five months, a band of employees from the Particle Physics and Accelerator divisions, along with Business Services, completely dismantled two enclosures made of shielding block. The enclosures, built in the mid 1980s, surrounded a beamline that has not been used since the 1990s.

Experiments at New Muon Lab and the former site of the KTeV experiment, now called NM4, will reuse about a third of the blocks. This will save the two collaborations a large portion of the about \$70,000 they would have had to spend to buy new shielding. Both agreed to contribute up to \$25,000 to help with the moving process. The dismantling group needed to hire a contractor with a crane large enough to lift the 24-foot-long rectangular blocks and arrange them in stacks they could move with a forklift.

The rest of the shielding will go into storage for use in future experiments.

Removing the enclosures lifts an ongoing burden for building managers. To keep the structures safe to access, they conducted regular checks of the emergency lights, telephones and heat, said Karen Kephart, assistant head for technical support in PPD. The leaky enclosures often needed repairs. But until this year, they were unable to find the funds to take them apart, so they continued maintenance.

The group that performed the dismantling worked during downtime between higher priority projects, said Dwight Featherston, the senior operations specialist who

Recovery Act

MI-8 addition equipped for heavy lifting



Construction workers building the addition to MI-8 recently installed a bridge crane the Accelerator Division will use to maneuver parts and equipment. The crane is able to lift up to 30 tons and will remain a permanent fixture in the building. Fermilab awarded to R.C. Wegman Construction Co. a \$2.9 million contract using funds from the American Recovery and Reinvestment Act for the expansion of the MI-8 building, where technicians build and test parts for neutrino experiments. This month, the crew put up heavy structural steel framing. Earlier, they completed the foundation and installed the electrical conduits and underground plumbing. The crew plans to complete the roof and siding of the building before winter. They plan to complete construction in March 2011.

Milestone

Birth



TD employee Shilpee Arora and her husband, Amit, welcomed a son, Aarav, into the world on July 4, 2010. Congratulations!

Did You Know?

Weather

 Mostly sunny
72°/49°

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

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Friday, Sept. 24
- Breakfast: Chorizo burrito
- Chunky vegetable soup w/orzo
- Buffalo chicken wings
- Cajun breaded catfish
- Teriyaki pork stir-fry
- Honey mustard ham & Swiss panini
- Assorted sliced pizza
- Carved turkey

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, Sept. 29
Lunch
- Brandy-pork tenderloin
- Cauliflower gratin
- Cinnamon apple crisp

Thursday, Sept. 30
Dinner
- Closed

[Chez Leon Menu](#)

Call x3524 to make your reservation.

Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[CMS Result of the Month](#)

[User University Profiles](#)

[ILC NewsLine](#)

managed the project.

"This is an additional load they took on," Featherston said. "They still had to take care of all their regular responsibilities. I think they felt sorry for me because I couldn't take care of it myself. We've got a bunch of good people."

-- Kathryn Grim



The team clears some of the magnets left in an enclosure.

Feature

BSS and Finance safety records recognized



Business Services Section Head Dave Carlson and Fermilab Director Pier Oddone take pride in BSS's Perfect Record Award.

On Wednesday, Fermilab's Business Services and Finance sections held their Safety Achievements Picnic at Kuhn Barn.

Among food and friends, and with the occasional game of beanbag toss, BSS and FI members celebrated their success in working safely and effectively.

"We're here to reflect on the fact that we've had such a good safety streak," said Business Services Section Head David Carlson.

The origin of DZero's mascot

Editor's note: "Did You Know?" is a new section dedicated to presenting readers with interesting facts about Fermilab. If you have an interesting fact or statistic that you'd like to share, please send your suggestion in an e-mail with Did you know? as the subject line to today@fnal.gov.



DZero's dog logo

Former Fermilab Director Leon Lederman appointed Paul Grannis in 1983 to organize a team and proposal to create a second detector on the Tevatron ring. Grannis helped with the original detector design, Run II upgrade plans and led the collaboration as spokesman through 1996. At his request, Grannis' neighbor and New Yorker cartoonist George Booth designed the collaboration's dog logo, which later was incorporated with the detector's location on the ring at point zero to create the name DZero.

In the News

Neutrino experiment to get UK 'heart'

From **BBC News**, Sept. 23, 2010

It's taken a decade of work and cost a million pounds but a massive particle detector designed and built in the UK is being installed at the heart of a groundbreaking Japanese experiment.

The detectors will be looking for neutrino particles in an experiment that aims to answer some of the big questions in physics.

But it won't be easy.

Dr. Gary Barker from the University of Warwick helped design and build the detectors. According to him, experiments to look for neutrinos "need to be really big or to have plenty of neutrinos. Or preferably both".

The experiment, called T2K and based at Tokai in Japan, certainly fulfills Dr Barkers requirements.

[Read more](#)

Announcements

Info

Fermilab Director Pier Oddone presented two National Safety Council Perfect Record Awards.

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"Note that these are for perfect records, which doesn't often happen," Oddone said.

One was awarded to BSS, which operated from January 2009 to June 2010 without occupational injury or illness involving days away from work. The other was awarded to FI, which also operated injury-free from April 2006 to June 2010.

Carlson announced two other awards given for BSS's sparkling safety record. The Expert Driver Award was given to six BSS transportation drivers who have had no at-fault accidents for the past two years. The Fermilab Industrial Hygiene Committee also gave Fire Department Battalion Chief Larry Meyer an award for safely installing multi-gas detector meters.

"It takes everybody to make the laboratory successful," Oddone said.

-- *Leah Hesla*

[Indian Creek road closed until 3:30 p. m. today](#)

[Weight Watchers at work club](#)

[Toastmasters - Oct. 7](#)

[There's still room in Family Science Time - Saturday, Sept. 25](#)

[Silk and Thistle Scottish dancing resumes at the Barn Tuesdays](#)

[Fermilab International Folk Dancing at the barn on Thursdays](#)

[Argentine Tango, Wednesdays through Sept. 29](#)

[Chicago Blackhawks pre-season discount tickets](#)

[Workshop on Accelerator-Driven Sub-Critical Systems & Thorium Utilization](#)

[Regal Movie Theater discount tickets available](#)

[Gizmo Guys - Fermilab Arts Series - Sept. 25](#)

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Classifieds

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