

## Calendar

Monday, Dec 8

2:30 p.m.

### [Particle Astrophysics Seminar](#)

- Curia II

Speaker: Fulai Guo, University of California, Santa Barbara  
Title: AGN Feedback Heating in Clusters of Galaxies

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting - Curia II

Special Topic: COUPP 60 Kg Chamber

Tuesday, Dec. 9

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

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

## Weather

 Wintry mix  
34°/35°

### [Extended Forecast](#)

### [Weather at Fermilab](#)

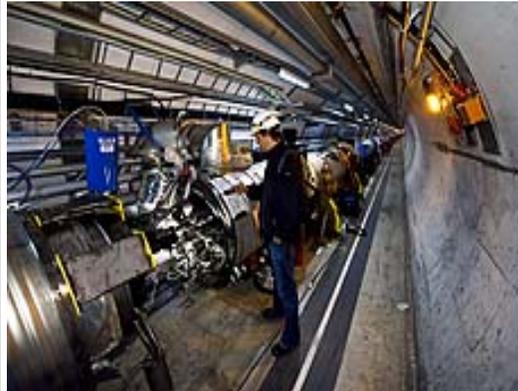
## Current Security Status

### [Secon Level 3](#)

## Wilson Hall Cafe

## CERN press release

### LHC to restart in 2009



A view inside sector 3-4 of the LHC tunnel at the site of the Sept. 19 malfunction.

CERN today confirmed that the Large Hadron Collider (LHC) will restart in 2009. This news forms part of an updated report, published today, on the status of the LHC following a malfunction on 19 September.

"The top priority for CERN today is to provide collision data for the experiments as soon as reasonably possible," said CERN Director General Robert Aymar. "This will be in the summer of 2009."

The initial malfunction was caused by a faulty electrical connection between two of the accelerator's magnets. This resulted in mechanical damage and release of helium from the magnet cold mass into the tunnel. Proper safety procedures were in force, the safety systems performed as expected, and no one was put at risk.

Detailed studies of the malfunction have allowed the LHC's engineers to identify means of preventing a similar incident from reoccurring in the future, and to design new protection systems for the machine. A total of 53 magnet units have to be removed from the tunnel for cleaning or repair, of these, 28 have already been brought to the surface and the first two replacement units have been installed in the tunnel. The current schedule foresees the final magnet being reinstalled by the end of March 2009, with the LHC being cold and ready for powering tests by the end of June 2009.

[Read more](#)

## Safety Tip of the Week

### Winter safety



Make sure to walk and drive carefully in winter conditions.

As last Wednesday's storm approached Fermilab, Dave Shemanske sent an e-mail to *Fermilab Today* noting that "winter caught up to us quickly this year" and might have caught users and employees unprepared for winter travel.

Shemanske has more than a passing interest in Fermilab's vehicle and pedestrian safety. Besides his role as group leader in FESS Roads & Grounds, he is a member of the laboratory's Traffic Safety Subcommittee.

He wanted to make sure users and employees know how to stay safe not only at work but on their way to and from the laboratory and in their free time. He offered the following safety tips for navigating winter travel.

- Be prepared - Keep extra gloves, blankets, sand, a scraper and a shovel in your trunk in case you become stranded. Always keep a cell phone handy to call for help. Stay current on local forecasts and weather reports. Clear your windows and lights of snow and ice before driving.
- Drive carefully - Use caution on snow-covered roads and when blowing snow causes poor visibility. Allow extra distance for your vehicle to stop. Watch out for "black ice" conditions where asphalt appears wet or normal but is actually covered in a thin layer of ice. Do not follow closely behind snow plows.
- Walk defensively - Wear shoes that provide traction. Wear low heels when outside. Stay in areas cleared of snow and salted, while still maintaining an awareness

Monday, Dec. 8

- Minestrone
- Patty melt
- Baked chicken enchiladas
- Herbed pot roast
- Chicken melt
- Assorted sliced pizza
- Szechwan green bean w/ chicken

[Wilson Hall Cafe Menu](#)

**Chez Leon**

Wednesday, Dec. 10

Lunch

- Sweet & sour chicken
- Jasmine rice
- Egg roll
- Almond cake

Thursday, Dec. 11

Dinner

- Shrimp cocktail
- Beef Wellington
- Garlic smashed potatoes
- Sautéed spinach
- Chocolate cups with raspberry mousse

[Chez Leon Menu](#)

Call x3524 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/](http://www.fnal.gov/today/)

Send comments and suggestions to:  
[today@fnal.gov](mailto:today@fnal.gov)

**Announcement**

## Focus groups ongoing - RSVP!

Focus groups examining the laboratory workplace are in full swing. If you received an e-mail invitation, PLEASE RESPOND if you haven't yet done so. Questions: call the Perspectives Group at (703) 837-1195.

**Photo of the Day**

## Oddone, Bollinger accept environmental award



Roads and Grounds employee Dave Shemanske, center, presents DOE's Fermi Site Office Deputy Manager Mark Bollinger, left, and Fermilab Director Pier Oddone with a natural landscaping award on Dec. 4. Shemanske accepted the award on behalf of the laboratory last month from the Chicago Wilderness Congress and the U.S. EPA. The award was given for conversion of a sewage treatment area on site into a natural marsh. Learn more about the Nepese Marsh Restoration Project [here](#).

**In Brief**

## Laboratory releases Physics Advisory Committee report

Fermilab has released the latest report from the Physics Advisory Committee, an advisory group that recommends direction to the laboratory's leadership regarding future experiments and programs.

The Fermilab Physics Advisory Committee considered at its fall session ways to keep and grow a dynamic, diversified science program. The meeting focused on R&D for future experiments.

Topics specifically considered during the Nov. 3-5 meeting included Fermilab's role on CMS, the long-baseline neutrino program anticipated for DUSEL, the mu2e experiment and the Joint Dark Energy Mission. The committee

of pavement conditions in case of surprises.

**Photo of the Day**

## Fermilab around the world



SAC öğrencileri, Fermilab'ı gezdi

A group of students from the Science Academy of Chicago took a tour of Fermilab on Nov. 14. Hakan Oztunc, an assistant to Osman Arslan, the school's principal, wrote up an account of the event for one of Turkey's best-selling newspapers, *Zaman*. The full article is available [here](#).

**Accelerator Update**

Dec. 3-5

- Three stores provided ~20.75 hours of luminosity
- Operations aborted store 6609 just before a TeV quench
- Pbar kicker problems fixed

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

**Announcements**

[Have a safe day!](#)

[Annual enrollment carrier meetings](#)

[Dec. 9](#)

[NALWO - A Russian Style New Year](#)

[Annual Enrollment through Dec. 10](#)

["Atom Smashers" DVD discount](#)

[FileMaker Pro 8.0 - Dec. 10](#)

[NALWO - Christkindlmarket Chicago, Dec. 13](#)

reviewed a proposal for a mu2e experiment and recommended Stage I approval. Stage I approval, which has been granted by the Laboratory, means that the experiment's physics goals are important for the field, and the proposed techniques are appropriate for that stage. Then, the experiment and Laboratory can proceed to develop a more detailed plan and pursue funding.

Throughout the laboratory's history, the PAC has analyzed proposals for experiments and potential programs and helped the laboratory to define its strategic plan. Senior scientists from universities and high-energy physics laboratories in the U.S. and abroad comprise the PAC.

"The theorists and experimentalists on the committee offer both breadth of vision and depth of experience," said Jeff Appel, assistant director at Fermilab and the committee's secretary.

The charge to the PAC and the committee's comments and recommendations are now available from links on the [PAC Web page](#).

The PAC's next meeting is scheduled for March 5-7, 2009.

[Barn Dance Dec. 14](#)

[Fermilab Blood Drive Dec. 16, 17](#)

[School-age child care offered over the holidays](#)

[The University of Chicago Tuition Remission Program deadline Dec. 17](#)

[Barn Dance Dec. 21](#)

[SciTech winter camps, Dec. 22-23 and 29-30](#)

[Find carpool partners with PACE](#)

[Python Programming - Jan. 6 - 8](#)

[Intermediate / Advanced Python Programming - Jan. 27 - 29](#)

[Additional Activities](#)

[Submit an announcement](#)