

## Calendar

### [Have a safe day!](#)

Monday, Dec. 14  
 THERE WILL BE NO  
 PARTICLE ASTROPHYSICS  
 SEMINAR THIS WEEK  
 3:30 p.m.  
 DIRECTOR'S COFFEE  
 BREAK 2nd floor crossover  
 4 p.m.  
 All Experimenters' Meeting -  
 Curia II  
 Special Topics: E-906/Drell-  
 Yan Installation; 8mm Tape  
 Retirement Plan

Tuesday, Dec. 15  
 8 a.m. - 1 p.m.  
[Fermilab Blood Drive](#) - Wilson  
 Hall ground floor NE Training  
 Room  
 10:30 a.m.

### [Research Techniques Seminar](#)

- Curia II  
 Speaker: Jean-François  
 Genat, University of Chicago  
 Title: Sampling Front-Ends  
 ASICs in CMOS Technology  
 for Pico-Second Timing with  
 Micro-Channel Plate Devices  
 3:30 p.m.  
 DIRECTOR'S COFFEE  
 BREAK - 2nd floor crossover  
 THERE WILL BE NO  
 ACCELERATOR PHYSICS  
 AND TECHNOLOGY  
 SEMINAR TODAY

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

### [Upcoming conferences](#)

## Campaigns

### [Take Five](#)

### [Tune IT Up](#)

## Feature

### Atrium hosts a festival of lights to celebrate diversity



The Diversity Council has installed lights and other decorations in the atrium lobby, which organizers hope will tie together Fermilab events for Universal Human Rights month.

The display reflects the many cultures and people at the laboratory who celebrate events this time of year with a festival of lights, said Sandra Charles, who chairs Fermilab's planning group for multicultural events. The lights represent snow, peace, humility, winter, charity and hope, she said.

"The bottom line is that Fermilab is a wonderful place to work and that it's an inclusive, diverse workplace," Charles said of the light display.

The display will come down on Jan. 8, which is also the final day to donate canned and packaged goods to the Northern Illinois Food Bank. Food donation collection boxes are located on the first and ground floors of Wilson Hall near the entrances.

--Image and text by Chris Knight

## In Brief

## ES&H Tips of the Week - Safety

### Tips to avoid winter slips



A worker clears slushy snow around the northwest ground-floor entrance to Wilson Hall on Dec. 9.

Reduced traction is the fallout from winter weather that has the greatest impact on Fermilab's accident rates. Despite the laboratory's aggressive snow and ice removal program, a day with falling snow usually means one or two people showing up in the Medical Department with injuries caused from slipping. Most injuries are minor, but fractures and dislocations sometimes occur. To stay healthy, keep these precautions in mind during the winter season:

- Use footwear that provides traction on snow and ice.
- Analyze the surface before you start out. Avoid unshoveled or ice-covered areas. When opening a vehicle door after parking, watch the ground for "black ice."
- If you must walk on ice, take short steps or shuffle your feet. Bend slightly and walk flat-footed with your center of gravity over your feet. Hang onto railings or other stable objects.
- Use your vehicle for support when entering or exiting it.
- When you carry something, it can block your view and/or shift your balance, so be extra observant of the surface conditions.

If you see an icy or snowy patch that needs treatment, do not hesitate to contact Roads and Grounds at x3303.

-- Tim Miller, ES&H associate head

### [Safety Tip of the Week Archive](#)

## Accelerator Update

**H1N1 Flu**

For information about H1N1, visit Fermilab's flu information [site](#).

**Weather**

 Drizzle  
37°/17°

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

**Current Security Status**

[Secou Level 3](#)

**Wilson Hall Cafe**

Monday, Dec. 14

- Breakfast: croissant sandwich
- Italian minestrone soup
- Patty melt
- Baked chicken enchiladas
- Herb pot roast
- Chicken melt
- Assorted slices of pizza
- Szechuan green beans with chicken

[Wilson Hall Cafe Menu](#)

**Chez Leon**

Wednesday, Dec. 16

- Lunch
- Stuffed flank steak
  - Garlic mashed potatoes
  - Cherry cheesecake

Thursday, Dec. 17

- Dinner
- Red pepper soup
  - Beef croustades with boursin and mushroom
  - Spinach with scallions and lemon
  - Roasted potatoes
  - Raspberry parfait with Christmas cookies

[Chez Leon Menu](#)

Call x3524 to make your reservation.

**Archives****URA accepting submissions for annual Thesis Award**

Fermilab and the Universities Research Association invite submissions for the thirteenth annual URA Thesis Award competition. The award recognizes the most outstanding thesis related to work conducted at Fermilab or in collaboration with Fermilab scientists. The thesis submitted must be completed in the 2009 calendar year to qualify.

Nominations must be submitted to [sbrice@fnal.gov](mailto:sbrice@fnal.gov) by March 1, and should include at least two letters supporting the merits of the thesis being nominated. At least one letter should be from a member of the thesis committee of the Ph.D. granting institution.

The Thesis Awards committee will select the winners. The committee members will judge each thesis on clarity of presentation, originality and physics content. To qualify, the thesis must have been submitted as partial fulfillment of the Ph.D. requirements in the 2009 calendar year, be written in English and it must have been submitted in electronic form to the Fermilab Publications Office in accordance with Fermilab policy.

For further details consult the [URA Thesis Award Web site](#).

**Photo of the Day****First snow**

AD's Greg Vogel submitted this photo of hay bales near the Fermilab village after the first significant snowfall of the year.

**In the News**

Dec. 9-11

- Four stores provided ~10.25 hours of luminosity
- Store #7423 aborted due to a LCW valve failure
- Store #7424 aborted due to cryo system power outage
- The TeV sector C4 LCW tripped off due to another valve problem
- The Pelletron suffered many discharges

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

**Announcements****Latest Announcements**

[Free martial arts classes - Dec. 14, 16](#)

[FermiLab Mac Users' group meeting - Dec. 16](#)

[Fermilab December payroll information](#)

[Scottish country dancing will meet every Tuesday through December](#)

[International folk dancing meets Dec. 17, then not until Jan. 7](#)

[Give the gift of movies](#)

[Book atrium events through the Office of Communication](#)

[FMLA and FTL policy updates](#)

[Register for Quigg symposium - Dec. 14-15](#)

[Barn Dance - Dec. 13](#)

[Fermilab blood drive - Dec. 15-16](#)

[Inaugural potluck party - Dec. 16](#)

[Tell us about your Take 5 moment by Dec. 16](#)

[English Country Dancing - Jan. 3](#)

[Fermilab Management Practices seminar beginning Feb. 11](#)

[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[CMS Result of the Month](#)[User University Profiles](#)[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)

Visit the Fermilab

[home page](#)**World's largest particle collider back in action**From *NPR*, Dec. 14, 2009:

The world's largest particle collider is back in business. The Large Hadron Collider broke down last fall. It has taken a year to repair, but this month it began smashing again at record energies. Scientists at CERN, Europe's particle physics lab, are eagerly preparing for a new era in the field.

It's the middle of the night in a room that looks like mission control. There are huge flat screen monitors lining the walls and about a dozen people are watching those monitors carefully. But instead of looking up, this mission control is looking down. About 300 feet below is a detector the size of a five-story building.

The detector is called the Compact Muon Solenoid. It's one of four "experiments" at the Large Hadron Collider, or LHC. The LHC is the world's highest-energy particle collider. It accelerates protons around a sixteen-mile underground racetrack, and then smashes them together. The detector's job is to record the subatomic debris from the collisions so that researchers can piece together what happens when the protons smash into one another. At the moment, the LHC is running 24 hours a day, seven days a week, and that means Niki Saolidou, who is running the night shift, won't be going to bed tonight.

[Read more](#)[Sign up for spring Science Adventures classes](#)[Argentine Tango at Fermilab meets Wednesday nights](#)[Prescription eyewear technician location change](#)[Lederman Science Center holiday hours](#)[Chicago Blackhawks discount tickets](#)[Additional Activities](#)[Submit an announcement](#)