

Calendar

[Have a safe day!](#)

Tuesday, Aug. 24

8 a.m. - 8:15 p.m.

[Hadron Collider Physics Summer](#)

[School](#) - One West

3:30 p.m.

DIRECTOR'S COFFEE BREAK - 2nd

Flr X-Over

4 p.m.

[Accelerator Physics and Technology](#)

[Seminar](#) - Curia II (NOTE LOCATION)

Speaker: Young-Min Shin, University of California, Davis

Title: Beam-Metamaterial Interaction

Research for Tabletop Accelerator

Application

Wednesday, Aug. 25

8 a.m. - 8:15 p.m.

[Hadron Collider Physics Summer](#)

[School](#) - One West

3:30 p.m.

DIRECTOR'S COFFEE BREAK - 2nd

Flr X-Over

4 p.m.

[Fermilab Colloquium](#) (NOTE

LOCATION) - Auditorium

Speaker: Eric Torrence, University of Oregon

Title: Results from Atlas

Speaker: Dan Green, Fermilab

Title: Results from CMS (in

conjunction with the [Hadron Collider](#)

[Physics Summer School](#))

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

[Upcoming conferences](#)

Campaigns

[Take Five](#)

[Tune IT Up](#)

Feature

Every little bit counts: recycle



Seymour Green, Fermilab's icon of sustainability, promotes environmentally friendly options around the laboratory.

Each month, Fermilab does its part to be a good steward for the environment. Fermilab staff work to reclaim natural Illinois prairie, keep the site clean, purchase "green" equipment and more.

Fermilab also offers a well-rounded recycling program, but not everyone takes advantage of it. On average, Fermilab recycles 23,000 pounds of material each month. The numbers have increased since the laboratory began its widespread recycling program, but they can still improve.

"We still see people throwing paper and bottles away in the cafeteria instead of recycling them," said Enixe Castro, from Clorica Management Corporation, Fermilab's janitorial contractor. "While that person might think that one bottle won't make a difference – all of those bottles add up. Every little bit helps."

Most buildings and laboratory areas have the facilities or receptacles needed to recycle commonly used items. Before you throw away anything, stop and think about what you might be adding to a landfill. Can that item be recycled? Below is a list of helpful recycling information.

- Paper and cardboard: Look for mixed paper bins at your workstation and larger bins or paper dumpsters in your building or work area.
- Glass, bottles and plastic: Labeled blue bins and bins with green lids are located throughout the site for these items. Fermilab can recycle plastics #1-5. Numbers are usually located on the bottom on the product.
- Alkaline batteries: Spent batteries can

Director's Corner

Destination Fermilab



Department of Energy Acting Site Manager Mark Bollinger, Fermilab Deputy Director Young-Kee Kim, DOE Deputy Secretary Daniel Poneman and Fermilab Director Pier Oddone stand outside of Wilson Hall. Poneman spoke at and toured Fermilab on Thursday, Aug. 19.

Last week we were very fortunate to have DOE Deputy Secretary Daniel Poneman visit the laboratory, accompanied by Bill Brinkman, director of the Office of Science. These visits by the leadership of the DOE are very important for us. When these managers make decisions about investments in particle physics research in competition with the many other demands for DOE investments, visits can make a big difference. There is no substitute for their having experienced the enthusiasm and professionalism of our staff, observed the facilities and the challenging activities we undertake, seen the flags flying in front of Wilson Hall that express our international role and understood the great asset that our site is for DOE.

These were not our only visitors last week. We were also fortunate to have a visit from the Korean Ambassador to the U.S., His Excellency Duk-Soo Han, and a visit by the Consul General of China in Chicago, The Honorable Guoqiang Yang. These diplomats are ready to help us make sure that our collaborations with institutions in their respective countries work smoothly. They also expressed how important these collaborations are as foundations for broad international collaborations. Deputy Secretary Poneman mentioned this as well in his all hands talk. He discussed how the spirit that drives discovery brings scientists together across cultures even when substantial disagreements may exist between their governments. The history of the collaboration between U. S. laboratories and the Institute of High Energy Physics in Beijing, through thick and thin, is a shining example.

Last week we also had a very important visit by Leland Cogliani, staff member to the U.S. Senate Appropriations

H1N1 Flu

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

Weather

 Sunny
85°/58°

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

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Tuesday, Aug. 24

- Bagel sandwich
- Golden broccoli soup
- Fish & chips
- Coconut crusted tilapia
- Burgundy beef tips
- La grande sandwich
- Assorted sliced pizza
- Chicken fajitas

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, Aug. 25
Lunch

- Danish open face sandwiches
- Cucumber salad
- Caramel apple shortcake

Thursday, Aug. 26
Dinner

- Closed

[Chez Leon Menu](#)

Call x3524 to make your reservation.

Archives

become corrosive as they degrade, creating a problem for landfills. Fermilab employees and users can place their spent alkaline batteries in the dedicated white 2-gallon collection pails found throughout the site. If possible, switch to rechargeable batteries to reduce waste.

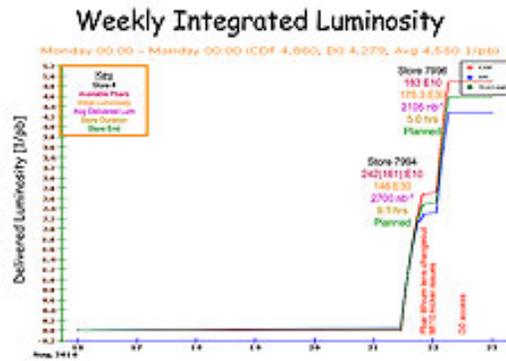
- **Styrofoam:** Fermilab has a pilot program to recycle white polystyrene #6 packaging material (this does not include "peanuts"). Recycling locations for packaging material are currently available at the loading docks of Feynman Computing Center, Cross Gallery and the ground floor of Wilson Hall. ES&H staff members hope to roll out a full version of the program early next year.

Visit the [ES&H site](#) for more information about Fermilab's recycling programs. If you have questions about recycling in your building or area, contact your building manager or Enixe Castro at x2798.

-- *Rhianna Wisniewski*

Milestone

Tevatron start-up success



Fermilab's CDF and DZero experiments saw collisions again over the weekend. The Tevatron has been undergoing maintenance during a five-week shutdown that ended Friday, Aug. 20. Store 7994 collided at 11 a.m. on Saturday with an initial luminosity of $138.7E^{30}$.

Photo of the Day

Congressional staffer Leland Cogliani visits Fermilab



Subcommittee on Energy and Water. The staff members of the appropriation committees, as well as the representatives who sit in the committees, are so busy that they seldom venture outside D.C. to visit the sites where their committees exercise budget authority. We were very thankful that Leland Cogliani took the time not only to visit Fermilab, but also to travel to the Homestake Mine in South Dakota, site of the proposed Deep Underground Science and Engineering Laboratory.

Many members of Fermilab are involved in showing our visitors around and explaining our program. I often accompany our visitors and I am always impressed by how well our folks can explain what they do in a way that is understandable and inspiring (see photo below). The better we can do this, both with important government visitors like those we had last week and with members of the public, the more we will be the destination of choice for more visits and for funding!

Photo of the Day

Glenzinski takes home Jargon-Free contest prize



Fermilab physicist Doug Glenzinski, winner of the Fermilab Jargon-Free Plain-English Tour Guide Competition. For his jargon-free explanation to Senate staffer Leland Cogliani of his work on R&D for the Mu2e detector last week, Glenzinski won a bottle of 2003 Dry Creek Valley Zinfandel from the Oddone Vineyard in California. Glenzinski defined terms like "background," "scintillator," "cosmic ray" and "photomultiplier" simply and without sounding pedantic or patronizing. He kept things short and to the point. He got extra points for telling the story of his own personal journey from the Energy to the Intensity Frontier, "Why I joined Mu2e instead of going to the LHC even though I'm on CDF," conveying Mu2e's scientific value in a very memorable way. The quality and clarity of nearly all presentations by Cogliani tour guides showed marked improvement over previous visits. There were many contenders for the prize. Thanks and congratulations to all!

Announcements

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

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Leland Cogliani, staff member of the U.S. Senate Appropriations Subcommittee on Energy and Water, tours MINOS during his visit to Fermilab on Wednesday, Aug. 18. From left: Neutrino physicist Dave Schmitz, Office of Communication Senior Science Communicator Elizabeth Clements, MINOS Underground Areas Coordinator Aria Soha, Leland Cogliani and NuMI Facilities & Shutdown Coordinator Mike Andrews.

[In the News](#)

A new twist on dark energy

From *Sky and Telescope*, Aug. 19, 2010

The notion that a massive object can literally bend light, what we now call gravitational lensing, has been around for more than 200 years — though Einstein gets the nod for making the effect widely known and getting it right.

Ever since the 1979 discovery of a distant quasar "lensed" into two images by an intervening galaxy, observers have amassed all sorts of gravitationally mangled novelties — none more famous than QSO 2237 +0305, the Einstein Cross. By carefully dissecting these cosmic mirages, cosmologists can learn much about the lensing objects in the foreground, such as how much unseen dark matter is fortifying their mass, and about the distances to the farther objects being distorted.

[Read more](#)

Latest Announcements

[Bod Squad Muscle Toning begins Sept. 2](#)

[Card stamping club and scrapbooking club survey](#)

[Ask HR: Professional Development at Site 38 today](#)

[Sign up for fall Science Adventures](#)

[Fermilab Procard System – New link starting Monday, Aug. 30](#)

[Performance Review briefing - Aug. 25](#)

[Looking for league bowlers](#)

[Argentine Tango, Wednesdays, through Aug. 25](#)

[Bristol Renaissance Faire discount](#)

[Regal Movie Theater discount tickets available](#)

[Fermilab Blood Drive Aug. 30 and 31 \(Walk in only\)](#)

[Scottish country dancing in Ramsey Auditorium through Aug. 31](#)

[International Folk Dancing in Ramsey Auditorium through Sept. 2](#)

[Fermilab Lecture Series presents A Croc Odyssey: Speedy Gallopers with a Taste for Dinosaur](#)

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

[Submit an announcement](#)