

## Layoff Information

On July 2, Fermilab Director Pier Oddone announced the cancellation of involuntary layoffs in response to supplemental funds provided to the laboratory. More information is available [here](#).

## Calendar

### Tuesday, July 8

Noon

#### [Summer Lecture Seminar](#) -

One West

Speaker: S. Dodelson, Fermilab

Title: Fundamental Physics from Space

**3:30 p.m.**

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over

THERE WILL BE NO  
ACCELERATOR PHYSICS  
AND TECHNOLOGY  
SEMINAR TODAY

### Wednesday, July 9

**3:30 p.m.**

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over

THERE WILL BE NO  
FERMILAB COLLOQUIUM  
THIS WEEK

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

## Weather



**Thunderstorms**  
82°/64°

### [Extended Forecast](#)

### [Weather at Fermilab](#)

## Current Security Status

[Secou Level 3](#)

## Wilson Hall Cafe

## Feature

### Help prevent the spread of gypsy moth eggs



[Gypsy moth caterpillars ate the leaves off this tree near the Fermilab Fire Department.](#)

The gypsy moth is migrating west, and this year seems to be a particularly active year for the leaf-eating insect in Northeastern Illinois. West Chicago and Warrenville have reported trees defoliated by gypsy moth caterpillars. Fermilab Roads and Grounds have spotted oak trees hit by the insect, too.

"Oaks are their preferred food," said Mike Becker, head of Roads and Grounds. "The trees typically don't die when they are defoliated one year. But they can if they lose their leaves two or three years in a row."

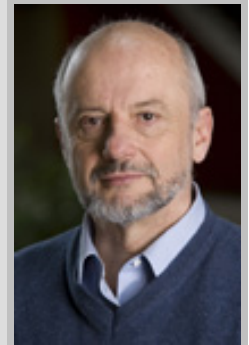
Becker consulted with the U.S. Forest Service and the DuPage County Forest Preserve District. According to the forest preserve district, the gypsy moth has affected many trees in the area, but no trees have been lost. To slow down the spread of the gypsy moth, the Illinois Department of Agriculture placed Cook, DuPage and McHenry counties under quarantine in April 2007. Lake County has been under quarantine since 2000. Under the quarantine, residents of these counties must inspect vehicles, tents, lawn furniture, bicycles and other outdoor items for gypsy moth egg masses, live moths and caterpillars before taking them from the quarantine area. Nursery and lumber products must be inspected or certified before they can be transported out of these counties.

The [IDA Web site](#) states: "Because of the weight of their eggs, female moths cannot fly. So, they typically lay their eggs on objects

## Director's Corner

### Next challenges

The funding for science in the Supplemental Appropriations Bill and the Department of Energy's allocation to Fermilab allow us to move forcefully toward our next challenge: the implementation of the P5 roadmap for our field. There are many positive aspects to this plan. It



Pier Oddone

contains an exciting and balanced program at the three frontiers of particle physics: the energy frontier, the intensity frontier and the cosmic frontier. The plan would fit within plausible funding envelopes for the Office of Science and for our field. The plan also maintains momentum toward developing future global facilities that may become compelling later in the next decade. Already in the House mark-up of the FY09 Energy and Water Appropriations Bill, barely a month after the report became public, the language of the bill compliments DOE for coming up with a balanced and realistic plan.

The plan challenges our laboratory to carry out a very full program in support of the national program. A key element of the plan is the development of an intense proton source to produce a neutrino beam to the Deep Underground Science and Engineering Laboratory of the National Science Foundation. It would be the most powerful neutrino program in the world. Along the way, we will develop the facilities to do other fundamental experiments at the intensity frontier. It seems clear that, in addition to the resources at Fermilab, the resources at universities and other national laboratories, as well as the involvement of international partners, will be essential to meeting the P5 challenges.

The need to focus on the P5 roadmap will exclude a set of experiments proposed for Fermilab in the next five years or so that arose from workshops but do not align with the P5 plan. To carry out P5's plan we must focus all the available resources on it. We have discussed this issue extensively with

**Tuesday, July 8**

- Chicken & rice soup
- Low carb burger
- Baked meatloaf w/gravy
- Smart cuisine: chicken lemon
- Peppered beef
- Assorted slice pizza
- Chipotle chili & queso nachos supreme

[Wilson Hall Cafe Menu](#)

**Chez Leon****Wednesday, July 9  
Lunch**

- Stuffed portabella mushroom
- Salad of field greens
- Fresh fruit tarts

**Thursday, July 10  
Dinner**

- Green bean, feta & walnut salad
- Medallions of beef w/ cabernet sauce
- Roasted baby potatoes
- Vegetables of the season
- Pear tart

[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/](http://www.fnal.gov/today/)

Send comments and suggestions to:

[today@fnal.gov](mailto:today@fnal.gov)

near the trees where they're feeding, including picnic tables, campers, and grills. When these items are moved, the moth eggs 'hitchhike' along like a wandering gypsy."

Although it is too late in the year to treat for gypsy moth infestation, there are precautions you can take to protect your trees at home. For prevention tips and how to recognize the gypsy moth, check out this [Web site](#).

If you see a gypsy moth in any stage of life, call the IDA toll free at 1-866-296-6684. If you see the moth at Fermilab, call Roads and Grounds at x3303.

-- *Kurt Riesselmann*



[A gypsy moth caterpillar](#)

**Photo of the Day****DOE's Kupfer tours Fermilab**

Acting Deputy Secretary of Energy Jeffrey Kupfer (center), gets a tour of the Main Control Room July 2. From left to right: Deputy Manager of DOE's Fermi Site Office Mark Bollinger, AD Deputy Head Paul Czarapata, Kupfer, Communication Director Judy Jackson and HEPAP Chair Mel Shochet.

**Milestone**

Fermilab's Program Advisory Committee. I have accepted their recommendations and the various collaborations will be informed this week. The focus on the P5 roadmap will disappoint those of you who have worked hard on new ideas for using the Fermilab complex. These ideas must remain concepts for the next five years or so. That said, we must nevertheless maintain the flow of new ideas and concepts. It is physics after all, and the field has surprised us before.

**Announcement****Tevatron featured on "Modern Marvels" TV show**

The History Channel will show the premiere of "Modern Marvels: Crashes" on Thursday, July 10, at 8 p.m. CDT. The program includes a 5-minute section on the proton-antiproton "crashes" that the Tevatron collider produces. A film crew came to Fermilab in April to interview scientists and film the segment.

**Accelerator Update****July 2-7**

- Eight stores provided ~80 hours and 18 minutes of luminosity
- TeV sector C4 LCW temperature high alarm due to valve problem
- TeV heat exchanger work completed
- NuMI takes beam for target scans
- LRF3 modulator LCW leak repaired
- Store 6266 sets new record luminosity with 318.49E30

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

**Announcements****Have a safe day!****Performance reviews due**

It is the time of year to reflect on our past year's performance. Please note that completion of the following portions of the review process must occur in July 2008:

- [2007-2008 accomplishment report](#) (completed by employee July 15)
- [2007-2008 performance review form](#) (completed by manager in July)

You will also set goals for the 2008-2009 review period after your initial discussions with

## Record average initial luminosity reached

The Accelerator Division had extra reasons to celebrate last weekend. On Saturday, July 5, Tevatron store #6266 reached a new record average initial luminosity of  $318.5 \times 10^{30} \text{ cm}^{-2} \text{ sec}^{-1}$ . The last record,  $315.6 \times 10^{30} \text{ cm}^{-2} \text{ sec}^{-1}$ , was set on March 17.

### In the News

## Fermilab celebrates its good fortune

From *Herald News*, July 6, 2008

If the sign declaring "Fermilab is back!" didn't get the message across, the auditorium packed with lab employees sure did.

Months after the federal budget slashed scientific funding -- which prompted weeklong unpaid worker furloughs and threatened ongoing projects at the national laboratory -- workers let out a collective deep breath and thunderous applause as local legislators joined in the celebration of the money's return.

"Today is a great day for the laboratory," Fermilab Director Pier Oddone told the crowd.

President George Bush signed a supplemental appropriations bill that provides \$62.5 million for the Department of Energy's Office of Science, which includes Fermilab.

When the 2008 federal budget was announced with Fermi suffering \$22 million in cuts compared to 2007, Fermilab stopped projects and began programs to reduce its work force by about 200 employees. About 120 workers either took buyouts or left the lab on their own since cutbacks were announced.

[Read more](#)

your manager in July. If you have any questions about the [performance review process](#), please contact the [Employee Relations department](#)

## Fermilab Housing Office reservation requests due July 14

Reservation requests can now be made to the Fermilab Housing Office for houses, apartments and dormitory rooms for the remainder of 2008 and spring of 2009. Since there will be a large influx of experimenters and requests may exceed our available facilities, please submit your request for reservations to the Housing Office by Monday, July 14. Requests can be made for any period and need not commence on any particular date. For further information, please contact the Housing Office at (630) 840-3777 or via [e-mail](#). Individual housing requests can be made by using our online housing [request form](#). Requests for multiple housing units are best handled by direct [e-mail](#).

## Tango lessons

Beginning July 23, the International Folk Dancing group and NALWO will start a new group and offer Argentine tango lessons by experienced tango dancers from Chicago. The lessons will take place in Ramsey Auditorium on Wednesdays from 7:30 to 8:30 p.m. for beginners and 8:30 to 9:30 p.m. for intermediate/advanced level. To sign up, call Pamela Noyes at (630) 840-5779 or [e-mail her](#).

## Scottish Country Dancing Tuesday

Scottish Country Dancing will meet in Ramsey Auditorium Tuesday, July 8. Instruction begins at 7:30 p.m. and newcomers are always welcome. Most dances are fully taught and walked through, and you do not need to come with a partner. For more information call (630) 840-8194 or (630) 584-0825 or [e-mail](#).

## [Additional Activities](#)