

## Calendar

**Friday, Jan. 25**
**8:40 a.m. - 8 p.m.**
[2nd Workshop on Physics for Project X](#) - One West

**12 p.m.**

Wellness Works Brown Bag Seminar - Curia II

Speaker: J.P. Harley, Ph.D.

Title: Musings on Spencer Johnson's Book "Who Moved My Cheese?"

**THERE WILL BE NO DIRECTOR'S COFFEE BREAK TODAY**
**4 p.m.**

Joint Experimental-Theoretical Physics Seminar - One West

Speaker: W. Marciano, Brookhaven National Laboratory

Title: Frontier Physics at a High Intensity Proton Facility

**Saturday, Jan. 26**
**8:30 a.m. - noon**
[2nd Workshop on Physics for Project X](#) - One West

**Monday, Jan. 28**
**2:30 p.m.**
[Particle Astrophysics Seminar](#)

- Curia II

Speaker: M. Wyman, Perimeter Institute

Title: Magnetogenesis from Cosmic String Loops

**3:30 p.m.**

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

**4 p.m.** All Experimenters' Meeting - Curia II

Special Topics: Rapid Transfers to the Recycler Ring; 11 Batch Main Injector Operation

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

## Weather

## Feature

### ILC Citizens' Task Force forges ahead



ILC Citizens' Task Force members Vicki Danklefsen, of Geneva, and Eric Schwarze, of Warrenville, participate in a group meeting Jan. 22. The Task Force members will submit recommendations in May.

With funding for ILC R&D cut this year, and the possible start of construction postponed, the ILC Citizens' Task Force could have turned their backs on the proposed project.

They didn't.

Instead, they rallied behind the value of community involvement in planning for building the ILC at Fermilab.

Charged to provide advice and guidance to Fermilab on all public aspects of ILC planning and design, the Citizens' Task Force has held monthly meetings at Fermilab for more than a year. At a Task Force meeting Tuesday, the 25 members from neighboring subdivisions, political boards and community organizations affirmed their commitment to finishing their task. They believe their recommendations, made from the public's point of view, have value for ILC decision-making, no matter when and where the world builds the proposed accelerator.

The group first met in January 2007. They've met once a month with scientists, engineers and other experts to learn about the ILC and community-related aspects of siting it near Fermilab. Their early and substantive involvement represents a model for public participation in large science projects.

Some task force members expressed interest

## Special Announcement

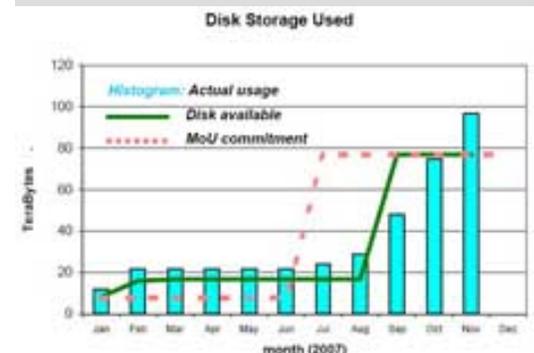
### Financial counseling available

Need financial advice? For financial counseling or advice, employees can call on the resources of the Employee Assistance Program. Call the EAP 24/7 at 1-800-843-1327 and tell them you're from Fermilab. Or get directly in touch with employee assistance counselor Brian Malinowski at 1-847-625-3532 or [bmalinowski@vmceap.com](mailto:bmalinowski@vmceap.com).

Access furlough information [here](#).

## From iSGTW

### Avalanche warning: the new challenges of the data grid



Available disk space at Canada's TRIUMF Tier-1 center was rapidly consumed, with users filling one year of space in just three months. More storage was again made available in November to meet demand. *Image courtesy of TRIUMF and WLCG*

The Large Hadron Collider at CERN will produce many Petabytes of data every year; other applications in astronomy and genomics will also generate and rely on massive amounts of data.

How will we manage these data? Where will we store them? The new "data grid" brings with it certain responsibilities that must be borne by the users.

Managing storage for a large user base is not a new problem, but grids greatly amplify the scale.

Allocating storage resources is more complicated than managing compute clusters. Upon completion of a compute job, CPUs are simply returned to the common pool; however, their output must be stored and cannot be

 **Snow 23°/17°**

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

[Current Security Status](#)

[Secon Level 3](#)

[Wilson Hall Cafe](#)

**Friday, Jan. 25**

- New England clam chowder
- Black & blue cheese burger
- Mardi gras jambalaya
- Swedish meatballs
- Bistro chicken & provolone panini
- Assorted pizza slices
- \*Carved top round of beef

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

**Wednesday, Jan. 30**

**Lunch**

- Chicken curry
- Steamed jasmine rice
- Sautéed vegetables
- Coconut flan

**Thursday, Jan. 31**

**Dinner**

- Closed

[Chez Leon Menu](#)

Call x4598 to make your reservation.

[Archives](#)

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[ILC NewsLine](#)

[Info](#)

in emphasizing the need for U.S. research in basic science. Others noted that an erratic science budget fosters a lack of trust among neighbors, creating even larger challenges for siting the ILC or other large projects in the future.

Task force member Terri Voitik, of Aurora, said support for U.S. science needs to come not just from the Task Force, but from the community. "We need to step up as a community and make ourselves heard," she said.

The task force plans to finish its report in early May.

-- *Tona Kunz*

**Feature**

## Learning the role



Fermilab physicist Leon Lederman (center) shows "Dr. Atomic" director Peter Sellars (right) and actor Thomas Glenn (left) a model of the Tevatron beamline during a tour of Wilson Hall's 15th floor.

When actor Thomas Glenn took to the stage this winter as a young, lively Robert Wilson in the Lyric Opera of Chicago's "Dr. Atomic," he drew on what he'd read in books about Fermilab's founding director. But recently, he and "Dr. Atomic" director Peter Sellars had a chance to visit the laboratory to learn more about Wilson.



"For a character like this, there is only so much that you can learn from books," Glenn said. "To actually go and see where he lived, to see the product of his mind - that made a great impact on me."

deleted indiscriminately.

[Read More](#)

-- *Michel C. Vetterli, Simon Fraser University/TRIUMF*

**Budget News Update**

## A.M. Profile: Fermilab's Oddone

From *Crain's Chicago Business*, Jan. 24, 2008

Piermaria Oddone felt as if he had just been punched.

In the week before Christmas, the director for Fermi National Accelerator Laboratory in Batavia learned that Congress was giving him only \$320 million in federal funding for fiscal year 2008, instead of the \$372 million he had hoped for.

Fermilab was already three months into its fiscal year, which meant Mr. Oddone had to make immediate changes to adjust to the lower amount.

Two of Fermilab's projects were immediately shut down and Mr. Oddone told the staff of 1,950 that roughly 10% would lose their jobs in the coming weeks. Those who are spared would starting Feb. 1 have to take mandatory unpaid leave of either one week every two months or two days every month based on their pay scale.

[Read more](#)

## Fermilab workers start unpaid leaves Feb. 1

From *Daily Herald*, Jan. 24, 2008

Rolling unpaid furloughs will start Feb. 1 at Fermi National Accelerator Laboratory in Batavia, its director announced Wednesday.

The mandatory unpaid leaves, affecting about 1,900 people, will last through September, when a new budget year begins, unless cuts to Fermilab's current budget are restored by Congress.

Salaried workers will have to take off one full week every two months. Hourly workers will have to take off two days per month.

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)

Actor Thomas Glenn, who recently portrayed Robert Wilson in the Lyric Opera of Chicago's "Dr. Atomic," stands in front of Wilson Hall.

Sellars and Glenn joined Fermilab historian Adrienne Kolb and Fermilab physicists Leon Lederman, Alvin

Tollestrup and Dick Carrigan for a two-hour tour. Lederman, Tollestrup and Carrigan worked closely with Wilson from the beginning of the laboratory.

"These are great Americans who left an imprint on a century," Sellars said.

The group visited many of Fermilab's key areas. "They really wanted to know about Wilson, his laboratory and the breadth of his involvement with the design of the site," Kolb said.

"Dr. Atomic" tells the story of the human side of the Manhattan project and that brief period of Wilson's life. The tour prompted Sellars to dream of a sequel to the production. Sellars' idea, staged in the mid-50s in the middle of the arms race, would juxtapose the prominent weapons industry with Wilson's later creation of a research campus as a monument to peaceful technology.

"The presence of nature itself demonstrated that it is not what science exists in opposition to - I got a sense of science and nature operating in harmony," Sellars said. "I was utterly moved by the humanness of Robert Wilson and his legacy."

-- *Rhianna Wisniewski*

## Solar pillar sunrise



PPD's Pat Poll snapped this photo Wednesday morning, Jan. 23, of a solar pillar at sunrise. Plate shaped ice crystals reflect light, creating a columnar visual effect seen as a solar pillar. These visual phenomenon

occur most often in the arctic because they require extreme cold. Click [here](#) to see more submitted solar pillar photos.

And well-meaning employees are not supposed to do any work from home during those furlough days, including checking their work e-mail and phone messages.

[Read More](#)

See all related news stories [here](#).

## Accelerator Update

**Jan. 21 - 24**

- Three stores provided 42 hours and two minutes of luminosity
- Pelletron experts continue to work on cooling
- Store 5860 - Luminosity of 243.85E30

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

## Announcements

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

### **Brown Bag Traffic Safety Seminar**

Illinois Department of Transportation representatives Dianne Williams and John Bartman will give presentations on safe winter driving and distracted driving at a Brown Bag Lunch on Jan. 30 from 11:30 a.m. to 12:15 p.m. in Curia II. Prizes will be raffled.

### **Ducar memorial service Saturday**

A celebration of Bob Ducar's life will take place on Saturday, Jan. 26, from 2-4 p.m. at the Moss Family Funeral Home at 209 S. Batavia Ave., Batavia, (630) 879-9700.

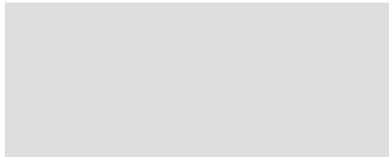
### **Fermilab Family Open House this Sunday**

This year's Family Open House, organized by the Fermilab Education Office, will take place from 1-5 p.m. on Sunday, Jan. 27. The event offers free family-style hands-on activities and exhibits, make-and-take home projects, science shows and tours. [More information](#)

### **Employee Assistance Program**

The January newsletters of the Employee Assistance Program are now available for [employees](#) and [supervisors](#). The newsletters provide tips for the new year and information on the Employee Assistance Program, which is provided by VMC Behavioral Healthcare Services. Brian Malinowski, EAP counselor, is at Fermilab on Wednesdays and Fridays, x3591, [brianm@fnal.gov](mailto:brianm@fnal.gov). As an employee, you have 24-hour access to assistance, seven days a week by calling 1-800-843-1327.

**Classifieds**



New [classified ads](#) have been posted on *Fermilab Today*.

[Additional Activities](#)