

## Layoff Information

New information on Fermilab layoffs, including an [up-to-date Q&A section](#), appears on the [layoff Web pages](#).

## Furlough Information

Information on the furloughs at Fermilab, which stopped May 31, 2008, is available on the [furlough Web pages](#).

## Calendar

### Friday, June 20

3:30 p.m.

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.

[Joint Experimental-Theoretical Physics Seminar](#) - One West  
Speaker: H. Wenzel, Fermilab  
Title: Recent Results in Rare Heavy Flavor Decays at CDF

### Monday, June 23

THERE WILL BE NO  
PARTICLE ASTROPHYSICS  
SEMINAR THIS WEEK  
3:30 p.m.

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.

All Experimenters' Meeting -  
Curia II  
Special Topic: MI Proton  
Scraping and Tevatron  
Luminosity

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

## Weather



Sunny 81°/53°

## Extended Forecast

## Weather at Fermilab

## Current Security Status

## Special Announcement

### Voluntary layoffs

Today is the last day for selected employees to submit their applications for the [Voluntary Self Select Option Program](#). The deadline is 5:30 p.m. So far, 59 employees have submitted their applications. Please refer to the e-mails that were sent to selected employees for more information. Those who apply will have until June 27 to revoke their applications if they change their minds.

## Feature

### Illinois breaks ground on state's first proton-therapy center



NIU President John Peters and others involved in the project break ground for Illinois' first proton-therapy center on Thursday.

For more than half a century, physicists have built accelerators to study matter, energy, space and time. That same accelerator technology has led to the Thursday celebration to welcome Illinois's first proton-therapy center to fight cancer.

The [Northern Illinois Proton Treatment and Research Center](#) will be one of fewer than a dozen such centers in the world by the time it opens in 2010.

The center, which will sit adjacent to Fermilab in the DuPage National Technology Park in West Chicago, illustrates the benefits of putting research tools to work to improve the quality of life.

"What we have is a collaboration of science, medicine and education. That is what this facility is and will be all about," said Cherilyn

## From iSGTW

### The U.S. embraces HealthGrid

Solutions to cutting-edge problems in biomedical science and health care will require the combined efforts of many kinds of experts. Forward-looking leaders from the U.S. public health and computing domains are promoting HealthGrid.US as a forum for collaborative bio-health modeling, simulation and visualization.

HealthGrid.US is affiliated with the Europe-based, international HealthGrid Association.

The University of Chicago hosted HealthGrid 2008 in early June at its downtown Gleacher Center, the first non-European venue for the conference. HealthGrid.US organized the meeting, signaling its readiness to collaborate fully with its European colleagues and begin the process of defining a roadmap.

"We're discussing strategies for moving forward. We've had lots of activity by individual researchers, a bit like a cottage industry," says Jonathan Silverstein, Associate Director of the Computation Institute at Argonne National Laboratory and the University of Chicago and President of HealthGrid.US. "It's time to define some collaborative activities and wrap a plan around them."

[Read more](#)

## In the News

### House action hailed as solution to Fermilab's funding woes

From *Beacon News*,  
June 20, 2008

Fermilab officials welcomed the prospect of a much-needed financial boost after the House approved an appropriations bill Thursday evening that included \$400 million for science programs.

"It's great news," Fermilab spokesman Judy Jackson said. "It's another step in the right direction."

Of the \$400 million in science funding, \$62.5 million has been set aside for the Department of Energy's Office of Science. Though the DOE will ultimately decide how to allocate the

[Secon Level 3](#)**Wilson Hall Cafe****Friday, June 20**

- Old fashioned ham & bean
- Philly style chicken
- London broil
- Smart cuisine: baked fish over rice
- Roasted veggie & provolone panini
- Assorted slice pizza
- Roasted pork loin w/ raspberry sauce

*\*Carb Restricted Alternative*

[Wilson Hall Cafe Menu](#)

**Chez Leon****Wednesday, June 25 Lunch**

- Tortilla crusted tilapia filet
- Lemon grass rice
- Vegetable of the season
- Apple pie w/ ice cream

**Thursday, June 26 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**

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)

Murer, NIU board of trustees chair. "The research that will come out of this facility will benefit not only this community, not only this state, not only this country, but we have a global market when we talk about proton therapy."

Current and former Fermilab employees consulted on the \$159 million facility operated by Northern Illinois University. Fermilab helped [pioneer](#) the use of particle beams from a compact proton accelerator to treat cancer.



Fermilab Director Pier Oddone speaks at the groundbreaking ceremony Thursday for the Northern Illinois Proton Treatment and Research Center, scheduled to open in 2010.

cancers. The proton particle beams narrowly target the cancer while sparing surrounding tissue, making it particularly useful for brain and eye tumors and those near the spinal cord.

Varian Medical Systems, the California company that designed the accelerator for the NIU facility, trains many of its accelerator engineers at U.S. Particle Accelerator Schools based at Fermilab.

The 130,000-square-foot NIU treatment and research facility will treat up to 1,500 patients a year.

Particle accelerator laboratories, including Fermilab, have played several roles in targeting cancer, including conducting clinical studies on cancer treatment for [decades](#) by using particles from the same accelerators that advance the research of the building blocks of atoms. Construction of the Tevatron collider at Fermilab led to the industrialization of superconducting wires used in MRI equipment, used for the imaging of tumors.

Fermilab designed and built the proton accelerator used by the nation's first hospital-based treatment center to use protons against cancer cells, [Loma Linda Proton Treatment Center](#) in California, which opened in the early 1990s.

Today, doctors at an increasing number of cancer treatment centers use beams of protons and neutrons in lieu of the traditional radiation therapy to target different types of

funds, the bill specifically mentions bolstering neutrino programs such as Fermilab's as a high priority.

U.S. Rep Bill Foster, a former Fermilab employee and ardent supporter of the Batavia laboratory, has pushed for more dollars to support science research since taking office in March. He called the passage of the appropriations bill a "significant step" toward relieving Fermilab's financial woes.

[Read more](#)

**Announcements****[Have a safe day!](#)****Monthly leave sheets due today**

June monthly leave sheet is due in Payroll by 10 a.m. today.

**Blood drive June 24, 25**

Heartland Blood Centers will conduct a Fermilab Blood Drive on June 24 and 25 from 8:30 a.m to 2 p.m. in the Wilson Hall Ground Floor NE Training Room. Schedule appointments [online](#) or call Diana at x3771 or Margie at x5680. [More information](#). The last blood drive collected 83 units. Many thanks to all who donated.

**Going to CERN?**

Take your camera! Have your photos featured in the Fermilab Remote Operations Center online gallery. Contact [Elizabeth Clements](#) for details.

**Chez Leon will serve lunch on June 25**

The lunch schedule for Chez Leon has changed and it will open for lunch on Wednesday, June 25. Call x4598 for reservations. (Wednesday's menu is on the left side of today's issue.)

**Special discount on SciTech summer camps**

The SciTech hands-on Children's Museum in Aurora offers all Fermilab employees discounts on its Science Adventure summer camps, honoring the long-standing relationship between the two organizations. The week-long camps begin on June 23 and run from 9 a.m. to 3 p.m. with before and after care available from 8 a.m. to 5 p.m. Fermilab employees only pay from \$174 to \$199 and the before and after care is free. Visit the [SciTech Web site](#) to register. (Do not use the Web site to sign up for before and after care. SciTech will call you to confirm whether you

Fermilab's first director, Robert Wilson studied the medical implications of particle beams as early as 1946. Fermilab opened a [neutron treatment research center](#), another form of particle beam cancer treatment, in 1976.

want this service.) To receive your discount enter the code FERMI2008 on checkout.

### **Classifieds**

Find new [classified ads](#) on *Fermilab Today*.

### **[Additional Activities](#)**