

## Calendar

### Tuesday, September 21

**12:30 p.m.** Special Seminar - WH-12NE  
Speaker: T. Nakadaira, Kyoto University  
Title: Current Status of the T2K Experiment

**3:30 p.m.** DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over

**4:00 p.m.** Accelerator Physics and Technology Seminar - 1 West  
Speaker: V. Shiltsev, Fermilab  
Title: Tevatron Progress Over Last Year and Future Plans

### Wednesday, September 22

**3:30 p.m.** DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over

**4:00 p.m.** Fermilab Colloquium - 1 West  
Speaker: D. Lamb, University of Chicago  
Title: Scientific Highlights of the HETE-2 GRB Mission

## Wilson Hall Cafe

### Tuesday, September 21

Menu Not Available

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

## Weather



Sunny 83°/53°

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secou Level 3](#)

## Search

## Local Charity Gives Fermilab Employees Recognition Award



Elizabeth Clements accepted the award on the behalf of Fermilab ([Click on image for larger version.](#))

The Batavia United Way/Community Chest Program, a non-profit organization that collects donations and distributes them to local charities, held its annual meeting in Batavia on September 15. The organization gave awards to the employees of local groups and companies who donated part of their paychecks during the past year, including many Fermilab employees. Elizabeth Clements of Public Affairs accepted the award on Fermilab employees' behalf from the Batavia United Way/Community Chest' board president Ed Tousana.

At the meeting, United Way/Community Chest announced that it exceeded its 2004 target of collecting \$150,000 and kicked off a new year of fund-raising, with the same target. The fund helps 22 local agencies serving children, seniors and the disabled, and providing other community services.

Employees can donate to organizations such as United Way via voluntary payroll

## Director's Corner

### Good Morning!

The International Linear Collider has received a lot of discussion in the last month. People who work at Fermilab want to know what all this means to them and to the future of our laboratory.



Mike Witherell

That question requires more than a single sentence to answer, but I think these are the major points:

- The endorsement of a single technology for the ILC -- by the involved laboratories, by the particle physics community, and to some extent by the funding agencies -- represents a major step forward toward a linear collider.
- The new ILC collaboration will be launched with a first meeting at the Japanese laboratory KEK on November 13-15. Over the next few years, this collaboration, headed by the largest HEP laboratories including Fermilab, will develop and validate a complete ILC design.
- At Fermilab, we will increase our level of R&D and design work on the ILC. We will work with other laboratories to manage and organize the work leading up to a possible construction start. Finally,

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deductions. Through the new [on-line Employee Self-Serve system](#), Fermilab employees can enroll or withdraw at any time on a month-to-month basis. Previously, employees had to fill in a form and turn it in every year by the end of November. In recent years, Fermilab employees have donated up to \$40,000 per year to about 80 different IRS-approved charities, according to Ron Pahl of Accounting. Such deductions are tax deductible for those who itemize deductions in their tax return, Pahl said.

### Accelerator Update

Tevatron A0 Vacuum Upgrade - 60% done

Antiprotons Source Debuncher Motorized Quadrupole installation - about 30% done

Recycler/Main Injector Cooling Tank Repairs - 45% done

Main Injector Kicker Survey - 99%

[Read the Current Accelerator Update](#)

[View the Tevatron Luminosity Charts](#)

### In the News

#### From *Chicago Tribune*, September 19, 2004

##### Teens catch rays for science

*Fermilab helps screen data from space*

PALOS HEIGHTS -- Two Shepard High School seniors are reaching for the stars, in a cosmic sense.

John Hasier, 17, of Worth and Marshall Buroff, 16, of Palos Heights are measuring the number of cosmic rays that bombard the school's grounds. So far, the students have calibrated two tennis racket-shaped cosmic ray detectors that are wrapped in black paper and attached to a circuit board.

we will make our best case for a site near here.

- Any international science project costing billions of dollars faces a long and complex process that includes the highest level of several governments. Fermilab and other laboratories around the world are determined to advance this project because it will lead to great science. We understand, though, that we must convince governments that this science is worth the great investment required, and that the world's laboratories can deliver the science for the proposed cost. The timeline for the project will depend more on these political and financial issues than on technical limitations.

### Announcements

#### 4th Annual Writing Contest Reminder

Entries are welcome for Short Stories (between 500 to 5000 words), Short-short Stories (less than 500 words) and Poems (less than 50 lines). The winners will get cash prizes in the form of book store gift cards. The entry form and rules of the contest are [available online](#). Send your entries along with a signed form by October 4 to Dinker Charak (MS 369). The results will be announced by Oct 31. The winning entries will be published in 'Lumina,' the Writer's Club online magazine.

#### Scottish Country Dancing

Scottish Country Dancing will be held at 7:30 p.m., Tuesday, Sept. 21, at the Geneva American Legion Post. Info at 630-584-0825 or 630-840-8194 or

The detectors count rays and feed data into a computer program that analyzes and measures the rays, determining how much energy they have. The students send this data to a Web site for study by scientists at Fermi National Accelerator Laboratory in Batavia. Fermi screens the data, throws out what's not needed and sends the good information back to the students, who work with it further.

[Read more](#)

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

### **Voter Registration in Wilson Hall**

There will be an opportunity to register to vote in the November 2 elections in 1 North in Wilson Hall on Thursday, Sept 23 and Friday, Sept 24 between noon and 1:00 p.m. You must be a resident of Du Page or Kane County. Bring two pieces of identification, one showing your current residence (e.g. an addressed envelope). If you are a registrar for either Du Page or Kane County please contact [Mike Albrow](#) at x8618 because help is needed.

### **Upcoming Power Outages**

#### **September 24**

**Wilson Hall and all of Fermilab** except for the Village and the Main Injector: Master Substation switch over will begin around 7:00 AM, no power site-wide for 1/2 hour.

#### **September 25**

Linac, Cross Gallery, Main Control Room, High Bay, MAC Room: feeder 40 work will begin at 7 AM; no power to these areas for eight hours