

## Calendar

### Friday, September 3

**8:00 a.m.- 10:00 a.m.** Special Videostream Session from Durham ECFA Linear Collider Workshop - Hornets' Nest - WH-8X0

Speakers: H. Weerts, Michigan State University/Fermilab, S. Yamashita, University of Tokyo, T. Behnke, DESY  
Title: Worldwide Detector Concept Studies for Linear Collider

**3:30 p.m.** DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over  
THERE WILL BE NO JOINT EXPERIMENTAL THEORETICAL PHYSICS SEMINAR THIS WEEK

### Monday, September 6

Happy Labor Day!

### Tuesday, September 7

**3:30 p.m.** DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over  
THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

## Wilson Hall Cafe

### Friday, September 3

Cream of Wild Mushroom soup  
Blackened Fish Filet Sandwich \$4.75  
Southern Fried Chicken \$3.75  
Casserole Florentine with Italian Sausage \$3.50  
Eggplant Parmesan Panini \$4.75  
Pizza Supreme \$2.75  
Baked Potato Bar w/ Chili \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

## Weather

## Farewell, Mary Cullen

Mary Cullen retires today after 20 years at Fermilab. An administrative specialist, she has worked for the laboratory's last three directors through many notable events in Fermilab history.

"Leon Lederman interviewed me," said Cullen. "His office was unbelievable -- piles

of stuff everywhere. At the end of the interview, he looked at me and asked 'How do you feel about organizing this?' 'Piece of cake,' I said."



Mary Cullen

After five years with Lederman, Cullen spent the next decade as assistant to John Peoples, and the last five years with current director Mike Witherell.

"Mary was extraordinary," said Peoples. "She came in every Saturday for almost one year when I was director of the SSC shutdown, director of Fermilab and chairman of ICFA. She made sure that I was always in the right place, and that I always had a bed to sleep in."

"Mary has been at the center of laboratory events for the last 20 years, from the discovery of the top quark to the choice of technology for the linear collider," said Witherell. "During this time she has responded with energy and efficiency to

## What's Up with the Linear Collider?

*The thirteenth in a series of Fermilab Today stories on the International Linear Collider. The entire series is [available online](#).*

### A Site for the ILC

With the selection of superconducting or "cold" technology for the proposed International Linear Collider, the next steps for the ILC Steering Committee involve the appointment of a Project Manager and inauguration of the Global Design Initiative, to begin formulating a Conceptual Design Report. But a site for the proposed global machine is not part of the official discussion yet, and won't be for several years.

"We must take several steps on the ILC before deciding its site," said Fermilab Director Michael Witherell, a member of the U.S. Linear Collider Steering Committee.



Mike Witherell

"Fermilab wants to be considered as the host site for this exciting new machine," Witherell continued. "We believe that there are several unique advantages of a nearby site. We want to be ready when the time comes, so we will assemble the information needed for an informed decision."

Fermilab has begun working with geologists at Northern Illinois University in



Partly Cloudy 85°/66°

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the many emergencies that have arisen on the second floor. Through it all, her commitment to Fermilab has been strong. I want to thank her for her outstanding contribution to the life and work of the lab."

Cullen's work at Fermilab has taken her to Colorado, Washington, D.C. and Russia. She looks forward to more travel in retirement, and also to becoming a volunteer child advocate.

"I've absolutely loved working at Fermilab," said Cullen. "I love the diversity of people and work, and I'll miss the excitement and challenge of the job. I'll also miss my co-workers very much. I've been so fortunate-it's never been a task to come to work."

### Watch Out for Wasps



Wasps outside of Wilson Hall (Click on image for larger version.)

It's that time of year again -- wasps are making their presence known around the lab. Watch for them and their nests all around the Fermilab site as well as around your home. Employees who congregate in the plaza in front of Wilson Hall should be especially careful, as wasps have already been sighted near the cross-pieces above the front doors. (We're not kidding. The photographer who took the above photo had an extremely close encounter with a very large wasp

DeKalb in their ongoing investigations of conditions below the surface in the northern region of the state. Geologists regard this region as seismically stable, an important criterion for any possible ILC site.

Northern Illinois also offers the advantages of a strong scientific base at Fermilab and nearby Argonne National Laboratory, and at five major research universities. In addition, the region has the existing utilities and transportation infrastructure to support ILC construction and operations. Fermilab, as the flagship laboratory of U.S. particle physics, offers accelerator and detector expertise as well as extensive experience in construction, and operation of large accelerator-based projects and collaboration with other universities and laboratories around the world.

### Fermilab Dance Groups Perform at the Fox Valley Folk Festival This Weekend



Fermilab's International Folk Dancers at last year's Fox Valley Folk Festival. (Click on image for larger version.)

and ran back into Wilson Hall for safety.)

"There's a very large population of wasps in our area this year," said David Nevin from FESS. "People should be careful all around the lab, especially anywhere there's an open end of pipe, or small nooks and crannies where wasps like to build their nests."

If you should come into contact with a wasp, be patient. Don't swat at or crush the insect, as a chemical can be released that signals others to attack. If the wasp lands on you, try to wait until it satisfies its curiosity. If you must, very gently brush it off with a piece of paper, using slow, deliberate movements.

#### Photo of the Day

### How Many Physicists Does it Take to Wash the Windows?



Fermilab's International Folk Dancers and the Scottish Country Dancers will perform and teach dance workshops at the Fox Valley Folk Festival on September 5 and 6 on Island Park in Geneva. The Fermilab International Folk Dancers will be on the main stage at 2:00 p.m. on September 5, accompanied by Spatter Dash, a band from South Bend, Indiana. Mady Newfield will lead a teaching workshop to live music at 5:00 p.m. on September 5 in area 3. There will be another International Folk Dancing workshop at noon on September 6. The Silk and Thistle Scottish Country Dancers will also perform during their workshop at 4:00 p.m. in area 3 on September 5. Fermilab's Doug Jensen will teach the workshop, which will include music by Jeremy Kittel and John Behling.

#### Announcements

##### Weekly Time Sheets Due Today

With the upcoming Labor Day Holiday on Monday, September 6, Weekly Time Sheets are due in Payroll by 10:00 a.m. on Friday, September 3, 2004.

##### Downtime Scheduled for IMAPServer2

On September 4th and 5th, IMAPServer2 will be upgraded. This will consist of system changes as well as an upgrade to the IMAP software. The upgrade will take approximately 18 hours, due to extra precautions taken to avoid problems uncovered during the IMAPserver1 upgrade. The work will start at 6:00pm on September 4th, and it should be completed by noon on September 5th. Users of IMAPServer3 should be aware that their server will undergo the same upgrade process the next weekend.

##### Tuesday Night Mixed Bowling League

A crowd gathered in the atrium of Wilson Hall yesterday to watch a crane raise a lift off of a truck and place it in front of the building. Workers then rolled the lift inside the atrium. The lift, which can reach as high as 80 feet, will be used to wash the windows and trim the trees in the atrium. (Click on images for larger version.)

### In the News

## From SpaceRef, September 1, 2004

### The Grid Becomes a Reality

This week, UK particle physicists will demonstrate the world's largest, working computing Grid. With over 6,000 computers at 78 sites internationally, the Large Hadron Collider Computing Grid (LCG) is the first permanent, worldwide Grid for doing real science. The UK is a major part of LCG, providing more than 1,000 computers in 12 sites. At the 2004 UK e-Science All Hands Meeting in Nottingham, particle physicists representing a collaboration of 20 UK institutions will explain to biologists, chemists and computer scientists how they reached this milestone.

[read more](#)

The Fermilab Tuesday Night Mixed Bowling League will begin on September 7. It is a 30 week ABC/WIBC sanctioned league and meets at the new Funway Bowling Alley (lower floor near skating rink) in Batavia. Start time is 6:00 p.m. For information contact Dan Johnson (x2074) or Jackie Coleman (x3027).

### Fermilab Golf Leagues Final Outing

The Fermilab Golf Leagues' final outing is Friday, September 17. There will be a shotgun start at 9:00 a.m. at Edgebrook Country Club in Sandwich, IL. The \$60.00 per person fee includes greens fees, riding cart, contests and awards dinner. Sign up by contacting Don Arnold (x2871) or Rod Klein (x4682).

[more information](#)

### New Classified Ads Posted on Fermilab Today

New [classified ads](#) have been posted on *Fermilab Today*. A permanent link to the classifieds is located in the bottom left corner of *Fermilab Today*.

### Free English Classes

NALWO-sponsored free English language classes for beginning and advanced levels are Fridays at the Users Center from 9:30 a.m. to 11:00 a.m.

### Wilson Hall Power Outages

- Power will be out September 13 for half an hour starting at approximately 7:00 a.m.
- Power will be out September 24 for half an hour starting at approximately 7:00 a.m.

For more information, contact Wilson Hall Building Manager Stan Boyson at x4753.