

## Calendar

### Tuesday, September 20

**11:00 a.m.** Computing Techniques Seminar-FCC1

Speaker: M. Branco, CERN

Title: Developing a Data Management System for the ATLAS Experiment

**3:30 p.m.** Director's Coffee Break - 2nd Flr X-Over

**Note:** There will be no Accelerator Physics and Technology Seminar today

### Wednesday, September 21

**8:00 a.m.-7:30 p.m.** [ILC Industrial Forum](#) - 1 West

**3:30 p.m.** Director's Coffee Break - 2nd Flr X-Over

**4:00 p.m.** Fermilab Colloquium-1 West  
Speaker: A. Kronfeld, Fermilab  
Title: Predictive Lattice QCD

**Note:** There will be no Fermilab ILC R&D meeting this week

## Weather



Sunny 82°/57°

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secou Level 3](#)

## Wilson Hall Cafe

## Eagle Scout Projects Help Lab in Environment Areas



Matt Wischoeffer (left) and Bob Lootens.

(Click image for larger version.)

With the assistance of Fermilab employees, two local teenagers--Matt Wischoeffer, of Aurora, and Will Butts, of Geneva--recently completed their Eagle Scout projects focusing on improvements to the lab's environment and visitor friendliness.

By next summer, Wischoeffer hopes a new species of butterfly will be fluttering around Fermilab's natural landscape. Wischoeffer, with the help of Tom Peterson, of the Technical Division, Bob Lootens, of Roads & Grounds, and a slew of volunteers, planted almost 100 turtlehead plants in on-site wetlands locations. The plants are the main food source for Baltimore Checkerspot butterflies, a black, white and red-spotted species found locally, but not on Fermilab's land. During the next few summers, Peterson hopes to introduce the butterflies to the wetlands using 10 cages Wischoeffer built for the project. "These butterflies are part of the whole fabric of a wetland ecosystem," Peterson said. "They're one more piece of the puzzle to restore the natural habitat."

## Director's Corner

### P5

Last week the P5 Subpanel of HEPAP visited Fermilab

for two days. While

we are not privy to the executive

sessions and their

conclusions, many

members commented

that they were

impressed by the

laboratory's

presentations. The progress we have

made in the accelerator arena is

dramatic, especially for those committee

members who have witnessed our

exertions in the past. Of course, we need

equally dramatic improvements in the

future if we are going to double our

luminosity rate.

The presentations of D0 and CDF both on

physics reach and personnel projections

for future years demonstrated the

seriousness with which the collaborations

and the laboratory have tackled the

issues. Furthermore, the collaborations

worked closely together, which was a

very positive sign to the committee.

To fully exploit the Tevatron program we

need to deliver on the sensitivity

improvements for the detectors, retain

strength in the collaborations working with

the universities and the funding agencies,

and deliver on the luminosity projections.

None of the tasks is easy, and doing all

three will challenge us. The rewards on

the other hand could be extraordinary. In

the meantime I want to congratulate



Pier Oddone

## Tuesday, September 20

- Golden Broccoli & Cheese
- Hickory Smoked BBQ Pork
- Breaded Veal w/Mushroom Cream Sauce
- Spaghetti w/Meat Balls
- Toasted Almond Chicken Salad on Croissant
- Supreme Baked Pizza
- Chicken Tostadas

The Wilson Hall Cafe accepts Visa, Master Card, Discover and American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

## Chez Leon

### Wednesday, September 21

#### Lunch

- Spiced Cornish Hens
- Balsamic Rice w/Vegetables
- Bishop's Cake

### Thursday, September 22

#### Dinner

- Coquille St. Jacques
- White Bean & Fennel Puree
- Julienne of Summer Squashes
- Almond Baklava

[Chez Leon Menu](#)

Call x4512 to make your reservation.

## Search

Search the Fermilab Today Archive

## Info

In a wooded area southeast of the Lederman Science Center, five new wooden benches are positioned by the water. With the assistance of

Lootens and Priscilla Meldrim, of the Education Office, Butts made the new seating possible. The area is meant to accommodate touring student groups as well as anyone else who

wants to rest in the natural setting. Butts raised money for the project through a garage sale, recruited a group of volunteers and oversaw construction and installation. He will return next year to add a sealant to the seats. "It's nice that I could do something with Fermilab," he said. "I love this place, it's so beautiful, so I'm glad I could help."

—Kendra Snyder



[William Butts \(Click for larger version.\)](#)

## Photo of the Day



everyone who contributed to a great set of presentations.

[More about last week's P5 meeting.](#)

## Accelerator Update

### September 16 - 19

-During this 72-hour period, operations established two stores that combined with an existing store, providing approximately 58 hours and 39 minutes of luminosity to the experiments.

- H- Source and 750 KeV line problems
- MI and Recycler RF trip due to LCW pump
- Pbar loses small stack

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

## ILC This Week

### GDE Press Release

*Linear Collider Forum of America Hosts First International Linear Collider Industrial Forum at Fermilab, 21-22 September 2005*

More than fifty U.S. and Canadian industries that specialize in the development and manufacturing of complex components for particle accelerators will meet with scientists and engineers on 21-22 September at the first International Linear Collider Industrial Forum hosted by the Linear Collider Forum of America at the Department of Energy's Fermi National Accelerator Laboratory.

[Read More](#)

[Agenda](#)

## GDE Press Release

Fermilab Today is online at:

<http://www.fnal.gov/today/>

Send comments and suggestions to

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

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### **View of Chicago Skyline from Wilson Hall**

Two weeks a year the sun sets at just the right spot on the horizon to reflect off the windows of highrise buildings in downtown Chicago. The week before Fall starts (Autumnal Equinox; this year on September 22) and the week after spring starts (Vernal Equinox) are the only two times that the reflection of the sun of the windows line up with Wilson Hall. The weather also has to be perfect for this effect. The air has to be clear and there can be no clouds on the horizon. (Photo by Reidar Hahn; click on image for larger version.)

### **In the News**

#### **CERN Press Release, September 19, 2005:**

*Grid - The Key to Scientific Collaboration: A Joint UNESCO-ROSTE and CERN Event*

Grid computing, designed as an open, distributed computing paradigm, has rapidly moved to the centre of attention as a key future-oriented technology. Just as for the World Wide Web back in the 90s, CERN\* is one of the driving forces behind grid computing. Based on the collaboration-fostering and research-enabling role of the grid, CERN and UNESCO-ROSTE\*\* are taking the opportunity to invite current and future grid participants, universities and research institutions to a grid event hosted by CERN in Geneva.

[Read More](#)

### *Global Design Effort for the International Linear Collider Launches Web Site and Online Publication*

The Global Design Effort for the International Linear Collider announces the launch of the [Web site](#), and ILC NewsLine, a weekly publication reporting news and information from around the world about the next-generation particle accelerator.

[Read More](#)

### **Announcements**

#### **ILC industrial Forum**

Held tomorrow, September 21 and Thursday, September 22.

[Agenda](#)

#### **2005 Recreation Facility Memberships Expire October 3**

2006 memberships are now available in the Recreation Office. Prices are: Regular Membership - \$75.00 Student Membership - \$45.00 (visiting graduate students only) For more information call the office at x2548 or click [here](#).

#### **Upcoming classes**

September 27: Excel Intermediate  
September 28: Word Intermediate  
October 11: Excel Advanced  
October 12: Word Advanced  
October 11, 12, or 26: Interpersonal Communication Skills  
October 24-27: C++ for Embedded Programmers

[More Information.](#)

[Upcoming Activities](#)

