

## Calendar

### Monday, August 9

**Noon** Summer Lecture Series - 1 West

Speaker: D. Bauer, Fermilab

Title: Direct Detection of Dark Matter

THEORETICAL ASTROPHYSICS

SEMINARS WILL RESUME IN THE FALL

**1:00 p.m.** [The Tevatron Connection](#) -

Auditorium

**3:30 p.m.** DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

**4:00 p.m.** All Experimenters' Meeting -

Curia II

### Tuesday, August 10

**9:00 a.m.** [The Tevatron Connection](#) -

Auditorium

**10:30 a.m.** Academic Lecture Series -

Curia II

Speaker: L. Lyons, Oxford University

Title: Practical Statistics for Physicists:

Goodness of Fit and Hypothesis Testing

**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

### Monday, August 9

Potato au Gratin soup

Monte Cristo \$4.75

Savory Roasted Chicken Quarters \$4.75

Lasagna Bolognese \$3.50

Chicken Ranch Wrapper \$4.75

Sausage Alfredo Pizza \$2.75

Szechuan Style Pork Lo Mein \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

## Weather

## The Tevatron Connection Kicks Off Today

On August 9 and 10, CDF, DZero and MiniBooNE will present their newest experimental results at the Tevatron Connection, a series of discussions between experimenters, theorists, and curious Fermilab employees.

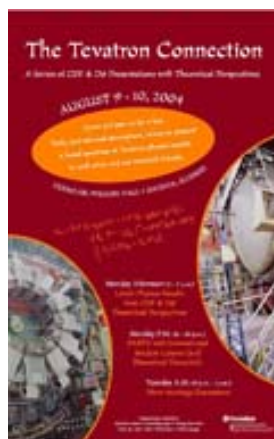
"CDF and DZero are always producing new results, but up until now there hasn't been a really good way of sharing them with the Fermilab community," said John Womersley, DZero spokesperson and

one of six Tevatron Connection organizers. The main goal of the Tevatron Connection is to facilitate communication inside the lab, but it will also help presenters to hone

their presentations for the upcoming conference in Beijing. Unlike at larger conferences, graduate students and post-docs will also be able to present their results.

"In the past, each experiment would try to jam all of its results into a 45 minute seminar, but, of course, only managed to scratch the surface," Womersley said.

"The Tevatron Connection will allow longer discussions, and give us an idea of what issues we need to explore in more depth."



[Click on image for larger version.](#)

## Safety Tip of the Week

### Attentiveness Explained

Ouch! Owwww! Doh! Did you ever do something really stupid but did not know why? The fact is that attentiveness is a major factor in more than half of all accidents. Unfortunately, urging people to simply "pay more attention" seldom has a significant or lasting effect. As a coping mechanism, we all develop "mental shortcuts" to selectively block out unnecessary information.

Unfortunately, these shortcuts are imperfect and some of the information needed to prevent accidents can be blocked as well.



Like other characteristics, people vary in their ability to pick out and use the information that is presented to them. Level of vigilance is a quality that should be considered when selecting workers for specific tasks. Also keep in mind that vigilance can be diminished in a number of ways: fatigue, poor health or drugs. After repeating a task, people develop an expectation about how things work. This has the benefits of reducing stress and improving efficiency. Expected outcomes, however, can also increase the likelihood of an accident if something unusual occurs. On occasion, people will even ignore obvious signs that things are going wrong and behave, incorrectly, as if all is normal. Mental workload is another factor that affects attentiveness. This is a case where too much or too little are both bad. Too much work can tax abilities, while too



Chance Thunderstorms 83°/59°

[Extended Forecast](#)

[Weather at Fermilab](#)

### Current Security Status

[Secon Level 3](#)

### Search

[Search the Fermilab Today Archive](#)

### Info

Fermilab Today is online at:

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

Send comments and suggestions to

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

[Fermilab Today archive](#)

[Fermilab Today PDF Version](#)

[Fermilab Result of the Week archive](#)

[Fermilab Safety Tip of the Week archive](#)

[Linear Collider News archive](#)

[Fermilab Today classifieds](#)

[Subscribe/Unsubscribe to Fermilab Today](#)

Discussion topics include B physics, QCD, precision measurements in electroweak physics, and searches for supersymmetry and the Higgs boson. On Monday night, attendees can enjoy food and drinks organized by CDF, DZero, and the Theory Group, with support from URA.

"If the Tevatron Connection is successful, we'll try to make it a regular conference that will attract physicists from outside the lab community," Womersley said. "It should be a good time, and everyone's invited. Show up and bring your brain."

[more information](#)

### Accelerator Update

#### August 4 - August 6

- During this 48 hour period Operations established one store that provided approximately 20 hours and 3 minutes of luminosity to the experiments.

- Pbar had stacking trouble

- TeV store 3711 established by Mix Antiproton Mode

- CHL struggled with unstable D1 cryo system

- Feeder 32 tripped off

[View the current accelerator update](#)

[View the Tevatron Luminosity Charts](#)

### In the News

#### From Vietnam News Agency, August 6, 2004

"Rencontre du Viet Nam" - an opportunity for young physicists

little can produce complacency. The latter is a concern, especially, in automated processes that are an increasingly common feature at Fermilab.

**Have a great day and let's work safely all week!**

[Safety Tip of the Week Archive](#)

### Announcements

#### Upcoming Classes

August 10 - Access Intro

August 24 - Word Intro

August 25 - Adobe Acrobat 6.0 Prof. - Forms, Security & Accessibility (one half-day)

August 31 & Sept. 2 - Cascading Style Sheets (two half-days)

Sept. 14 - 16: JavaScript Programming

October 5 - Excel Intermediate

October 6 - Access Intermediate

October 19 - Word Advanced

[more information](#)

#### Village Pool August Schedule

Due to the lack of staffing, the village pool will adopt the following schedule for August:

August 1 - 22, the pool will be open it's normal scheduled times and days.

August 23 - 27, the pool will be open for Adult Swim Only from 11:30 AM to 3:00 PM and 4:00 PM until 7:00 PM. The pool will be closed from 3:00 PM - 4:00 PM.

August 28, the pool will be open from 9:30 AM - 7:00 PM for Family Swimming.

AUGUST 29, THE POOL WILL BE CLOSED FOR THE SEASON.

#### Recreation Office Schedule Next Week

Due to unforeseen circumstances, the Recreation Office will be closed Tuesday, August 10 and Wednesday, August 11.

All other Recreation sites will be open as



Rencontres participants visited the President of Vietnam, Tran Duc Loung, (head of the table) in the Presidential Palace last Friday. Fermilab's Boaz Klima (right) was one of the participants. Ho Chi Minh is the bust in the background. (Click on image for larger version.)

Ha Noi (VNA) - More than 250 physicists have gathered in Ha Noi for a six-day workshop entitled "Rencontre du Viet Nam" which opened on Friday.

They are from Viet Nam and 31 other countries and territories all over the world, including the United States, France, Italy, Switzerland, Spain, Russia, Germany, China, Australia, Malaysia, Thailand, the Republic of Korea, Norway, Denmark, the Republic of South Africa, Iran, Israel, Pakistan, Nepal and Bangladesh.

[read more](#)

usual, such as the Village Pool, Day Camp and the Recreation Facility.

### **Fermilab Barnstormers Meeting Wednesday**

The Fermilab Barnstormers, Model Aeronautic Club, will have its next meeting on Wednesday, August 11 at 5:30 p.m., at the Frelø Flying Field. Meetings are held on the second Wednesday of each month. The club will meet in the Users Center if it rains. New members welcome! Current members fly, control line, R/C gas and electric planes. The club also has members who fly helicopters! Try out the trainer club plane, bring something to fly, or come and watch.

[more information](#)

### **Free English Classes**

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

### **Scottish Country Dancing**

Scottish Country Dancing will be held at 7:30 p.m., Tuesday, August 10, at the Geneva American Legion Post. Info at 630-584-0825 or 630-840-8194 or [folkdance@fnal.gov](mailto:folkdance@fnal.gov).

### **Wilson Hall Interior Window Washing Starts Today**

The cleaning crew will start washing the interior windows in Wilson Hall today. Please remove any papers that are taped to the windows in your office. Please move any papers or other items on your desk that are near the windows. For questions, contact Enixe Castro at x2798. The windows will be cleaned according to this schedule:

August 9: 15th, 14th, 13th floors

August 10: 12th, 11th, 10th floors  
August 11: 9th, 8th, 7th floors  
August 12: 6th, 5th, 4th floors  
August 13: 3rd, 2nd, 1st floors  
August 16: Ground floor and mezzanine  
August 17-18: Atrium