

Calendar

Monday, August 15

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

4:00 p.m. All Experimenters' Meeting -
Curia II

Note: Particle Astrophysics Seminars will
resume in the Fall

Tuesday, August 16

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

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

Weather



Mostly Sunny **80°/58°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Monday, August 15

French Quarter Gumbo

French Dip w/Horseradish Cream Sauce
\$4.85

Santa Fe Pork Stew \$3.75

BBQ Roasted Quartered Chicken \$3.75

Turkey Breast on Homemade Focaccia
\$4.75

Pizza \$3.50

Sweet 'n' Sour Chicken with Egg Roll
\$4.85

The Wilson Hall Cafe now accepts Visa,
Master Card, Discover and American

ILC Website Launches this Afternoon from Snowmass



(Click on image for larger version.)

Linearcollider.org, the official website of the International Linear Collider Global Design Effort, will launch this afternoon during GDE Director Barry Barish's Snowmass ILC Workshop presentation. The [website](#) will be a central resource for the physics community to share information and resources related to the ILC.

TARGET Students Rocket To Further Science Study

Safety Tip of the Week

Beware of Electricity

Almost everyone has received an electrical shock. One such experience is usually enough to learn this is a bad thing. However, electrical power is ubiquitous and inadvertent contact is bound to occur. Indeed, 300-400 people die each year in the U.S. about equally split between household and workplace settings. As recent history reveals, electrical incidents occur in even the most regulated and knowledge-rich environments.

So what can we do to protect ourselves? Of course, Fermilab has formal review, training and permitting requirements for



[What's wrong with this picture?](#)

people who work with electricity. Please adhere to these requirements if they pertain to you. Here is some general advice that can be used by everyone.

Beware of electrical lines. Overhead lines are usually uninsulated and buried lines are difficult to accurately locate. *Shocking statistic:* Forty percent of workplace electrical fatalities are caused by contact with overhead power lines.

Turn off the power. A necessary step when working on any electrical circuit.

Avoid water. Seems obvious.

Install GFCIs. Another *shocking statistic:*

Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, August 17

Lunch

Cajun Shrimp Salad w/Tomatoes & Avocados

Pineapple Rum Cake

Thursday, August 18

Dinner

Tomatoes & Mozzarella Salad

Sea Bass w/Lemon Shallot Butter

Sautéed Corn, Peppers, & Bacon

Peach Cobbler w/Cream Chantilly

[Chez Leon Menu](#)

Call x4512 to make your reservation.

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TARGET students gather for a photo on their last day on the job at Wilson Hall. (Click on image for larger version.)

Summer is the time for students here at Fermilab, with several programs assigning interns to almost all the major divisions at the lab. The TARGET program stands out from the rest, however, in that it targets high school-age students who have expressed an interest in science early on. They come to the lab each morning to work with an advisor, and attend three classes every afternoon at nearby Naperville High School. "We actually experience all of the science hands-on," said TARGET intern Anna Ludwin. "We're getting so much out of this."

Ludwin is an incoming senior at Proviso West high school, where she heard about the program from her physics teacher. She has really enjoyed the experience, especially the soldering, photography and rocket science classes in the afternoons. Her fellow intern Claudia Telles shared her enthusiasm for the rocket class. "We built them ourselves," she said, smiling. "And got to watch them take off from cameras we put inside." The students get to keep all of the machinery they produce in class, including an alarm clock, burglar alarm and the ever-popular rocket. Alvie Bender, a sophomore at Oak Park and River Forest High School, found herself explaining the internship to a police officer

Over 60% of all home electrocutions could be prevented if Ground Fault Circuit Interrupters were installed.

Check for wear and damaged connections. Thin or frayed wires can cause shocks, burns or fires.

Don't piggyback. Extension cords are not a substitute for adequate wiring.

Check extension cord capacity. Check the tag on the extension cord to make sure you have not exceeded its capacity. Use cords with an Underwriters Laboratory (UL) certification.

[Safety Tip of the Week Archive](#)

Accelerator Update

August 10 - August 12

- During this 48 hour period Operations established two stores that combined with an existing store provided the experiments with approximately 27 hours and 35 minutes of luminosity
- MI RF causes NuMI troubles
- TeV antiproton kicker fails
- Recycler loses RF structure

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

on her way home from class one afternoon. "I was carrying a rocket almost taller than me," she said. "He stopped and asked me about it."

Kyler Wilkins and Ruben Echevarria are both going to be juniors this year, and are eager to include their work experience at Fermilab on resumes and college applications. "This is my first working experience," said Wilkins. "It has been a great transition from the classroom environment." "My friends didn't believe me when I told them I was working at a government lab," added Echevarria. "The schedule is hard, but it's worth it."

—*Amelia Greene*

Photo of the Day



The 2005 Summer Basketball League champions, the White team, beat the Grey team by a score of 78 to 69 in last week's finals. The White team reached an early 14 point lead, thanks in part to impressive shooting by Tony Busch and the absence of the Grey team's guard Brian Niesman. Once he returned to the Grey team, they battled back and cut the deficit to 6 points, only to see the White team extend it back to 15 points on the accuracy of their own star guard, Lou Kula. One last push was not enough to overcome the difference and the White team prevailed. Congratulations to the White team. Pictured from left to right are Lou Kula, Travis Meeks, Ryan Schultz, Tony

Wilson Hall Interior Window Washing

The cleaning crew will wash the interior windows on the mezzanine and ground floors of Wilson Hall today. Please remove any papers that are taped to the windows in your office and move any papers or other items on your desk that are near the windows. Contact Enixe Castro (x2798) with questions.

Scottish Country Dancing

Scottish Country Dancing will meet Tuesday, Aug. 16, in Wilson Hall's Ramsey Auditorium. Instruction begins at 7:30 p.m. and newcomers are always welcome. Most dances are fully taught, and you do not need to come with a partner. Info at 630-840-8194 or 630-584-0825 or folkdance@fnal.gov.

Upcoming classes

September 12 & 13: Word Intro & PowerPoint Intro

September 27: Excel Intermediate

September 28: Word Intermediate

October 11: Excel Advanced

October 12: Word Advanced

October 12 & 19: Interpersonal Communication Skills

[More Information](#)

4th Annual GSA Triathlon

This 800 yard swim, 20 km bike ride and 5km run will take place at 8 a.m. on Saturday, August 20. Racers can participate individually or as a member of a 2-3 person team. To register, contact the [GSA officers](#). Registration is free.

[More Information](#)

Disney On Ice - Princess Classics

Disney on Ice presents the Princess Classics at the Allstate Arena in Rosemont, combining moments from

Busch, Sean Mitchell, Geoff Savage, and Gregorio Bernardi. (Click on image for larger version.)

In the News

From *The New York Times*, August 12, 2005

Op-Ed: In Defense of Common Sense

By John Horgan

As anyone remotely interested in science knows by now, 100 years ago Einstein wrote six papers that laid the groundwork for quantum mechanics and relativity, arguably the two most successful theories in history.

[Read More](#)

Disney's Cinderella, Aladdin, The Little Mermaid, Sleeping Beauty, Beauty and the Beast, Mulan, and Snow White. Save up to \$14.00 per ticket. Tickets are available for the following performances: Thursday, Sept. 22 at 7 p.m., Saturday, Sept. 24 at 11:30 a.m., Sunday, Sept. 25 at 11:30 a.m. Order forms can be found in the Recreation Office or on the [Recreation web page](#).

[Upcoming Activities](#)