

## Calendar

### Monday, October 2

**2:30 p.m.** Particle Astrophysics Seminar

- Curia II

Speaker: R. Scoccimarro, New York University

Title: Nonlinear Evolution of Baryon Acoustic Oscillations

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

BREAK - 2nd Flr X-Over

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

### Tuesday, October 3

**3:30 p.m.** Director's Coffee Break - 2nd floor crossover

**4:00 p.m.** Accelerator Physics and Technology Seminar - 1 West

Speaker: R. Madrak, Fermilab

Title: New Materials and Designs for High-Power, Fast Phase Shifters

Click [here](#) for a full calendar with links to additional information.

## Weather



Chance of Showers **81°/65°**

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secou Level 3](#)

## Wilson Hall Cafe

## A menagerie of instruments

A recent division head column by Bill Griffing mentioned radiation monitors called "chipmunks." Here are other Fermilab instruments with whimsical names.



The "scarecrow," here on a break from its usual job location

Fermilab's ES&H Section Instrumentation Team is the caretaker of a unique menagerie: albatrosses, chipmunks, hippos, pterodactyls, scarecrows, and an aardvark to name a few. These radiation detection instruments are designed and built in-house. "Everyone here knows what they are, but no one else would in the world," said Butch Hartman, team co-leader. The origin of the names is often part of lab lore.

In one legend, an employee working in frustration on a radiation instrument in the late 60s dubbed his instrument the "albatross," alluding to the poem "The Rime of the Ancient Mariner" and the sailor who wears an albatross around his neck as a burden. The "scarecrow," an instrument mounted on a tripod, would--if it detected unacceptable levels of radiation--warn people to stay out of an area, like crows warned to stay out of the cornfield. A piece of hardware called "aardvark" collects little, termite-like bits

## Safety Tip of the Week

### Electrical glove testing due



Are you a Fermilab employee who uses electrical insulating gloves as part of your job? If so, you have likely been provided both a black and blue pair. The black pair of gloves that you have been using must now be re-tested. October 2 is the date established by the Fermilab Glove Testing Program to submit your black pair for testing. It's also time to start using your blue pair from now until the end of March 2007.

Once put into service, insulating gloves must be re-tested every six months by an offsite testing facility. If you have not already turned in your insulating gloves for testing, contact your Division/Section ES&H organization for assistance.

Insulating gloves are a critical component in protecting workers from electrical shock. They are rated in "Classes" according to the level of voltage protection and, like most apparel, are available in different sizes. Leather "protector" gloves are worn over the insulating gloves to minimize abrasion and puncture damage. Class 0 gloves, the most common type provided, offer

**Monday, October 2**

- Potato Au Gratin
- Monte Cristo
- Savory Roasted Chicken Quarters
- Lasagna Bolognaise
- Chicken Ranch Wrapper
- Assorted Slice Pizza
- Szechuan Style Pork Lo Mein

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

[Wilson Hall Cafe Menu](#)

**Chez Leon****Wednesday, October 4****Lunch**

- Enchilada de Mole
- Ensalada de Nopalito
- Pastel de Tres Leche

**Thursday, October 5****Dinner**

Booked

[Chez Leon Menu](#)

Call x4598 to make your reservation.

**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](#)

[Hurricane Relief Page](#)

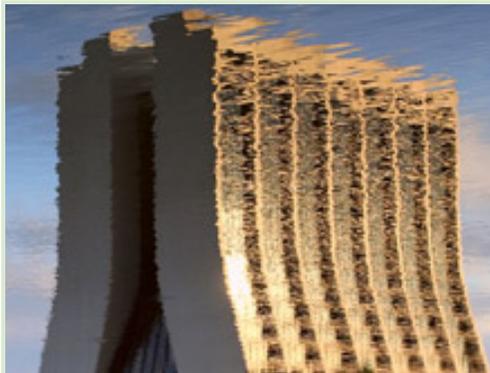
[Fermilab Today PDF Version](#)

[Fermilab Result of the Week archive](#)

of radiation data and has a long, protruding trunk-line. "Hippos" are rotund and gray.

The stories of some names have been lost. The "pterodactyls"? "I really don't know how they were named," said John Larson, team co-leader. "But it's a conversation starter; it's not boring. You get tired of hearing acronyms all the time."

--D.A. Venton

**Photo of the Day**

**Reflection:** Igor Mandrichenko recently snapped this reflection of Wilson Hall. "I know this view has been captured in hundreds of pictures," he wrote, "but here is my version." To see Mandrichenko's full picture, click on the image.

**In the News**

**SLAC Press Release, September 28, 2006: New Form of CP Violation Discovered**  
Finding something expected has brought researchers at the Department of Energy's Stanford Linear Accelerator Center (SLAC) one step closer to discovering the unexpected.

SLAC's BaBar collaboration has discovered that CP violation—an asymmetry between the behavior of matter and antimatter—exists even in a very rare class of particle decays. This result offers the most sensitive avenue

shock protection up to 1000 volts AC or 1500 V DC. NFPA 70E and safe work practices often demand that that you wear insulating gloves when close to bare energized conductors or parts.

Wear your gloves when needed and check them regularly by examining the gloves for holes, cracking or surface degradation. Defective gloves must not be used and must be immediately replaced. If you think you need electrical insulating gloves for your job and do not have them, contact your local ES&H organization immediately. If you have any questions about glove use, contact your Division/Section Electrical Coordinator or any member of the Electrical Safety Subcommittee.

**Safety Tip of the Week Archive****Accelerator Update****September 27 - 29**

- One store provided 4 hours and 10 minutes of luminosity
- TeV suffers three quenches
- TeV kicker replaced
- Pbar Lens work completed

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

**Announcements****Submit Intent Applications for Employee Art Show by October 4**

The employee art show is coming up soon, now's the time to submit a letter of intent to enter. Any current or retired employee, contractor, user or relative of an employee is invited to enter. Read more about the show, and find an application, on the [gallery's website](#).

**Fermilab volunteers needed**

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

[Linear Collider News archive](#)

[Fermilab Today classifieds](#)

[Subscribe/Unsubscribe to Fermilab Today](#)

yet for exploring matter-antimatter asymmetries, with implications for the future understanding of physics beyond the Standard Model.

"BaBar has proven to be a fantastic instrument for exploring the origins of matter-antimatter asymmetries, allowing us to probe with exquisite precision very rare processes related to how the early universe came to be matter dominated," said David MacFarlane, BaBar Spokesperson and Professor at the Stanford Linear Accelerator Center.

[Read More](#)

The Education Office is looking for more classroom presenters to visit local schools. The following equipment training times for new and experienced presenters will be held as brown bag sessions in WH-1N:

**October 10 from 12:00 to 1:30** - Force and Motion - Anne Heavey

**October 17 from 12:00 to 1:30** - Electricity and Magnetism - Sharon Lackey. You can read more about the program [here](#).

[Upcoming Activities](#)