

Calendar

Monday, Oct. 22
8:30 a.m. - 6 p.m.
[ALCPG07 workshop](#)
11 a.m.
[Computing Techniques Seminar](#) - FCC1
Speakers: S. Ostermann and K. Plankensteiner, University of Innsbruck
Title: ASKALON: A Workflow-Application Development and Runtime Environment for the Grid
2 p.m.
[Particle Astrophysics Seminar](#)
- The Dark Side, WH6W (NOTE LOCATION)
Speaker: C. Cramer, Harvard University
Title: Spin-Dependent Interactions and Fundamental Physics
THERE WILL BE NO DIRECTOR'S COFFEE BREAK TODAY
THERE WILL BE NO ALL EXPERIMENTERS' MEETING THIS WEEK

Tuesday, Oct. 23
8:30 a.m. - 7 p.m.
[ALCPG07 workshop](#)
THERE WILL BE NO DIRECTOR'S COFFEE BREAK TODAY
THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

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

Weather

 **Chance of showers**
63°/46°

[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

Special Announcement

Orbach, Dehmer to speak at ALCPG07 meeting Monday

DOE Under Secretary for Science Dr. Raymond L. Orbach and Director of the Division of Physics at the National Science Foundation Dr. Joseph Dehmer will give presentations today beginning at 11 a.m. in Ramsey Auditorium. All Fermilab employees are invited to attend. The presentations can also be seen via [streaming video](#).

During this week's [ALCPG07 meeting](#) the parking lot on the east side of Wilson Hall will be closed to accommodate a lunch and break tent for meeting attendees. Handicap parking will be available. Fermilab taxi service will pick up on the west side of the building during this time. In order to prepare for ALCPG meeting activities on Monday and Tuesday, the Fermilab cafeteria will close early at 3 p.m.

Feature

NuMI team commemorates shutdown safety record



Mike Andrews, NuMI-AD and ES&H coordinator (center), congratulates NuMI collaborators for their safety record at a picnic.

Last week, NuMI workers filled their stomachs in the name of safety.

The contractor, Correct Construction, sponsored a barbecue for the approximately 50 people who worked repairs and installations in the tunnel during the shutdown.

The NuMI crew did not have a single accident during the shutdown. In fact, the group has not had an injury since a back strain a year and a half ago. "We've done major construction,"

Contest

Get creative, win a prize



Joe Pygott from FESS installs the first safety message at the Batavia Road entrance.

For the next two months, Fermilab will display short safety messages at the three site entrances. But which safety messages work and make you think?

We need your help to find the best safety messages for us to display. Can you come up with short, thought-provoking phrases related to safety? Send your suggestions for safety slogans to Tim Miller, tmiller@fnal.gov, by Friday, Oct. 26. Sentences should be no longer than eight words/40 letters. The three best messages will receive Fermilab logo apparel as prizes.

Safety Tip of the Week

Watch out for deer



A stag runs across a road at Fermilab. Watch for deer when driving.

Although spring seems to be the mating season of choice for most animals, deer prefer to mate in fall, between October and mid-December. The associated courting behaviors significantly increase the risk of deer-vehicle collisions. We have recently averaged four such accidents per year on the Fermilab site. Most occurred around dusk and were minor in

[Secon Level 3](#)

said Mike Andrews, NuMI-AD, ES&H coordinator. "And we did it safely."

Wilson Hall Cafe

The shutdown has kept the NuMI team busy. "We've installed thousands of feet of pipe, fairly tricky rigging installations, dehumidifiers, a new chiller, and an evaporation system," Andrews said, "And that's in addition to the general maintenance and horn repair, plus multiple upgrades."

Monday, Oct. 22

- Not available

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, Oct. 24

Lunch

Closed

Thursday, Oct. 25

Dinner

Closed

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives

In the News

[Fermilab Today](#)

Monster black hole busts theory

From *Space.com*, Oct. 17, 2007

A stellar black hole much more massive than theory predicts is possible has astronomers puzzled.

[Result of the Week](#)

[Safety Tip of the Week](#)

[ILC NewsLine](#)

Stellar black holes form when stars with masses around 20 times that of the sun collapse under the weight of their own gravity at the ends of their lives. Most stellar black holes weigh in at around 10 solar masses when the smoke blows away, and computer models of star evolution have difficulty producing black holes more massive than this.

Info

Fermilab Today is online at: www.fnal.gov/today/

Send comments and suggestions to: today@fnal.gov

[Read More](#)

In the News

Physicists build unparticle models guided by Big Bang and supernovae

From *Physorg.com*, Oct. 17, 2007

Cosmology and astrophysics may help guide physicists in building a model of "unparticles," a newly proposed sector of physics. Recently, Hooman Davoudiasl of Brookhaven National Laboratory has investigated some basic requirements that unparticles must fulfill to ensure that our standard picture of the universe remains intact.

Davoudiasl is one of a quickly growing number of physicists that have become intrigued by

nature, but this is not always the case.

Last December, a Fermilab security guard was surprised when a deer ran into the driver's side of her vehicle at 10:30 p.m.



A Fermilab security vehicle was damaged and a security officer injured when a deer ran into the vehicle.

The officer's knee was injured in the collision resulting in two lost work days. The vehicle was dented from the front fender to the driver's door, and the outside mirror and door frame were wrecked. The deer ran off and was not found. The officer remarked that the animal suddenly came out from the side of the road.

To avoid deer-vehicle accidents, Fermilab's Security Chief, Bill Flaherty, provided the following advice:

- Drive slowly in posted areas, especially after dark. Eye reflections are often the first thing you will see.
- If you see one deer, slow down and be watchful, there are usually more nearby.
- Deer will sometimes run alongside a vehicle for a while before attempting to cross the road.
- Be very careful with evasive maneuvers when approaching a deer. You may easily wind up running into something else.

[Safety Tip of the Week Archive](#)

Accelerator Update

October 18-19

- Two Pbar magnet leaks were repaired
- Pbar stacked
- TeV accelerated a proton beam to 980 GeV
- MI established an 8 and 120 GeV beam

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Harvard University professor Howard Georgi's suggestion earlier this year that there might exist a new type of substance that cannot be described in terms of particles because its components are scale-invariant. This characteristic means that these unparticles don't change appearance when viewed at different scales—which is very different from objects we're familiar with. However, unparticles might be observed interacting with the standard model particles through suppressed operators.

[Read More](#)

[Have a safe day!](#)

Project X Accelerator Physics and Technology workshop Nov. 12-13

Fermilab will host a workshop to discuss the accelerator physics and technology issues of Project X. The workshop will also explore possible areas of overlap and interest between various particle accelerator laboratories and universities. For more information or to register, see the Accelerator Physics and Technology Workshop for Project X [Web site](#).

Project X physics workshop Nov. 16-17

Fermilab will host a user's workshop Nov. 16-17 to discuss the physics of Project X. The group will meet at 8:30 a.m. Friday, Nov. 16, in One West. A wine and cheese talk by Michelangelo Mangano runs from 4 to 5:30 p.m. The Saturday session will be partly in One West, but also will include parallel sessions in different rooms. Streaming video of the sessions will be provided. The agenda can be found [here](#). You should register if you plan to attend or watch the streaming video. [Online registration](#) is available.

Introduction to Power Point 2003

Learn the basic skills necessary to create effective PowerPoint presentations. [Learn more and enroll](#).

Update your information by email

Records@fnal.gov is the new email address to use when making changes to your records. Use it to update your address, phone number, mail station and your work location.