

Calendar

Mon., April 9

2:30 p.m.

Particle Astrophysics Seminar
- Curia II

Speaker: D. Horan, Argonne
National Laboratory

Title: VERITAS: Current Status
and Future Plans

3:00 p.m.

Special Joint Experimental-
Theoretical Physics Seminar -
1 West (NOTE DATE and
TIME)

Speaker: R. Cowan,
Massachusetts Institute of
Technology

Title: Evidence for D0-D0bar
Mixing at Babar

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over

4:00 p.m.

All Experimenters' Meeting -
Curia II

Special Topics: Improvements
to Pbar Mining in the Recycler;
SciBooNE Detector Move to
Enclosure r

Tue., April 10

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Floor X-over

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

Speaker: T. Grumstrup,
Pennsylvania State University
Title: Elastic Splashes

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

Weather



Mostly cloudy 45°/25°

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

Current Security Status

Feature

Prairie fires continue their critical role in restoration



[Roads and Grounds](#) schedules regular controlled prairie burns in the spring and fall.

The wet, cold weather has put a damper on a crucial method of keeping Fermilab's prairies healthy: prairie burning. In the spring and fall, Fermilab Roads and Grounds uses controlled fires to burn off weedy plants -- which often have no natural checks in the prairie ecosystem -- while encouraging the growth of native plants.

To see the effects, just travel to the 15th floor and look for small patches of green sprinkled throughout dead grass. Those green areas thriving with plants are probably areas that burned this spring. Prairie plants survive fires well because the majority of the plant is underground, said Fermilab ecologist Rod Walton. The invasive species, which stand in the way of a restored prairie, have most of their biomass above ground, so they are less tolerant of fires.

More fires are needed to meet the annual goal of burning 600 acres, said Mike Becker, manager of Roads and Grounds. The window of opportunity is closing, although there was a successful burn in the Main Ring last Friday. The cutoff date for fires is April 15, when birds begin nesting, and all the recent rain has meant fewer burns. "We hope to get better weather," Becker said.

Although 600 acres may be a hard goal to reach, Becker says it's worth a try since burning is cheaper than mowing or applying herbicide. "Considering all management options, burning prairie areas is the most effective." Fermilab has been using the

Safety Tip of the Week

Tips on ES&H Training



Joel Kofron is the ES&H training coordinator

During the 17 years that Joel Kofron has been a Fermilab employee, he has probably delivered more ES&H training to more people than anyone else in the history of the Lab.

This is not surprising since his role as ES&H training coordinator gives him responsibility for many of the high volume training courses, including General Employee Radiation Worker (GERT), Radiological Worker, Oxygen Deficiency Hazards (ODH), New Employee ES&H Orientation (NEO), and Controlled Access. When asked for suggestions on how people could more easily meet their ES&H training obligations, Joel offered the following tips:

Use TRAIN: Fermilab has a great interactive web application called [TRAIN](#). You can see all classes that have been scheduled in [calendar format](#) as well as review your status with respect to required ES&H training in the Individual Training Summary [ITS](#). In addition, course [handout material](#) and online [qualification testing](#) are also available.

Identify your training needs: Remind your supervisor to review and revise your Individual Training Needs Assessment (ITNA) whenever your job duties change. It's a good idea to check the contents at least once a year to reduce the likelihood that a new requirement will get missed.

Show up: If you are enrolled in a training class, please remember to show up at the appointed time. TRAIN-managed classes give you an automatic e-mail reminder the day before the class. If you cannot attend, please

[Secon Level 3](#)**Wilson Hall Cafe****Monday, April 9**

- Wisconsin cheese
- Corned beef Reuben
- Stuffed chicken breast
- Mostaccioli al forno
- Assorted sliced pizza
- Pacific Rim rice bowl
- Chicken Oriental wrap
- pineapple

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, April 11 Lunch**

- Veal Cannelloni
- Caesar Salad
- Tiramisu

Thursday, April 12 Dinner

- Vol-au-Vents w/ Mushroom Duxelle
- Asian BBQ Lamb Chops
- Rice Pilaf
- Spinach w/Pine Nuts & Lemon Zest
- Lemon Napoleon

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[ILC NewsLine](#)**Info**

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

Send comments and suggestions to:
today@fnal.gov

technique safely for about 30 years, and its prairie restoration program has won several environmental awards.

In addition to controlled burns, Fermilab ecologists also harvest seeds and remove weedy plants by hand to encourage prairie diversity. The lab is not unique in burning prairie. Morton Arboretum in Lisle burns its prairie to remove English and Japanese plant species.

[Read More](#) on the Ecological Land Management web site.

--Kate Raiford

Editor's note: Robert Betz, who pioneered the prairie reconstruction project at Fermilab together with Director Robert Wilson, passed away on Thursday, April 5. Services will be private. Fermilab Today will highlight Betz's contributions in an upcoming story.

In the News**NPR's Morning Edition, April 9, 2007****Massive Particle Accelerator Revving Up**

This summer, physicists plan to throw the switch on what is arguably the largest and most complex science experiment ever conducted. An underground ring of superconducting magnets, reaching from Switzerland into France, will smash together subatomic particles at incredible force.

Physicists say they're not sure what will emerge from those collisions. They're hunting a mysterious, hypothetical particle called the Higgs boson. It is also possible they will make miniature black holes, or discover new dimensions of space-time.

Alvaro De Rujula is a staff scientist and theoretical physicist at CERN — which stands for Conseil Europeen pour la Recherche Nucleaire, or the European Council for Nuclear Research.

[Read more](#)

notify the class coordinator or instructor as soon as possible. This will help if there is a waiting list, or a charge for the class that needs to be cancelled.

[Safety Tip of the Week Archive](#)**Special Announcement****Today: NPR reports on LHC progress**

In late February, National Public Radio reporter (and former Fermilab Public Affairs intern) David Kestenbaum visited CERN and took a tour of the LHC. NPR will broadcast his report on *All Things Considered* this afternoon. You can catch the program on WBEZ 91.5 FM between 3:00 and 6:30 p.m. *Fermilab Today* will publish a link to the audio on Tuesday.

Accelerator Update**April 4 - 6**

- One store provided 26 hours and 32 minutes of luminosity
- MTest T964 resumes taking beam
- Stash lost

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements**Utility Outage - Maintenance Notification**

There will be an outage effecting a number of computer systems on Thursday, April 19 at 6:00 am, for approximately 45 minutes. The outage will effect Central Web Services, AFS, nas (blue-arc), email, IMAP email and POP email.

Fermilab Folk Club barn dance, April 15

The Fermilab Folk Club will host a barn dance on Sunday, April 15 at 2 p.m. with music by Genevieve & Smith and calling by Lynn. More information is available at the [Folk Club web site](#)

Professional Development

New classes are always being added to the professional development schedule. For the most up-to-date course offerings, visit the [professional development web page](#).

[Upcoming Activities](#)