

Calendar

Tue., Aug. 7

12:00 p.m.

[Summer Lecture Series](#) - One

West

Speaker: D. Ritchie, Fermilab

Title: Computing in Particle

Physics

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO

ACCELERATOR PHYSICS

AND TECHNOLOGY

SEMINAR TODAY

Wed., Aug. 8

THERE WILL BE NO

FERMILAB ILC R&D

MEETING THIS WEEK

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO

FERMILAB COLLOQUIUM

THIS WEEK

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

Weather



Rain 89°/71°

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

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Feature

Temporary power lines across Pine Street



Power lines being
installed along Kirk Road.

part of the project, Batavia is also replacing Fermilab's wooden pi-pole power lines as reported in [Fermilab Today](#).

For about 8-10 months, temporary electric lines will run over Pine Street. At present, the old electric lines run underneath in-bound and out-bound Pine Street. When the current project is finished, the new electric lines will also run underground. The duct bank for the new lines is already complete. However, the new underground cable to carry 138,000 volts is a special-order item with a 16-month lead time. While the city waits for the cable to be manufactured, electric lines supported by a wooden pole will run over Pine Street.

"We want people to know that this is just a temporary solution," said Randy Ortgiesen, head of FESS. "It is very important to the laboratory that we preserve the clean vista of the Fermilab entrance area with its Broken Symmetry sculpture. Fermilab and the city of Batavia are working together to keep the view as it is."

Milestones

Director's Corner

Shutdown

Yesterday we started the accelerator shutdown, the yearly period we use to carry out repairs and improvements of the accelerator facilities. We are shutting down after 14 months of running. By all measures it has been an extraordinary run. It started in June of last year and continued through July of this year, with great performance by all the accelerators. In this run the Tevatron set many records and increased its total integrated luminosity by 140 percent. Similarly MINOS increased its accumulated data by 150 percent while MiniBooNE, despite the long time necessary to repair the absorbers, integrated 20 percent more data than expected in their antineutrino run. Just for the fiscal year portion of the run, starting in October of 2006 and ending yesterday, we have exceeded by very significant amounts all the targets that DOE uses to measure our performance.

Shutdowns are periods of unusual intensity for us as the accelerator components become available for maintenance and we carry out accelerator improvements throughout the complex with a view towards the future program. It is also a time when a call to arms goes out to the whole laboratory and we slow down other activities in order to provide the technical personnel needed to accomplish the shut-down tasks as quickly as possible. This Summer/Fall's shutdown will be ten weeks long, barely enough time to accomplish all the tasks with the personnel we have available.

The shutdown is also a time when we must pay especially close attention to safety. Shutdown activities involve a lot of mechanical and electrical work that entails well-known hazards. Because personnel must be borrowed from many parts of the laboratory it will not be unusual for our colleagues to find themselves working in new environments, often crowded with equipment, and in jobs that may be unfamiliar. Safety during these times requires extra vigilance and dedication. It places heavy responsibility on everyone, from



Pier Oddone

Tuesday, Aug. 7

- Chicken & Rice Soup
- Cowboy Burger
- Baked Meatloaf w/Gravy
- Smart Cuisine: Parmesan Baked Fish
- Peppered Beef
- Assorted pizza slices
- Chipotle Chili & Queso
- Nachos Supreme
- *Carb Restricted Alternative

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, August 8 Lunch

- Salmon w/Shallot Sauce
- Pine Nut & Lemon Orzo
- Chocolate Cake w/ Strawberries & Ice Cream

Thursday, August 9 Dinner
Closed

[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

Service Awards

Earlier this year service awards were given out for 10, 25, 30 and 35 years of service to the lab.



Year Service Award: Row 1 (left to right): B. Chrisman (Directorate), Z. Chen, Y. Orlov, C. LeRette, K. Schumacher. Row 2 (left to right): V. Sidorov, S. Nolan, I. Novitski and P. Olderr.



Year Service Award: Row 1 (left to right): Bruce Chrisman (Directorate), Kelly Knickerbocker and Robert Vargo. Row 2 (left to right): Fred Lewis, Wesley Mueller and Mark Knapp.



Year Service Award: Row 1 (left to right): Bruce Chrisman (Directorate), David Myers, James Ranson and Raymond Safarik. Row 2 (left to right): Kenneth Stanfield, Louis Ramirez and Victor Kuchler.

the supervisors who manage the work and train the personnel to the folks who actually carry out the work. Planning the work is essential, as are the measures required to perform the work safely. Safety is each person's responsibility - to yourself, your family and your colleagues. Your safety and theirs requires your persistent awareness.

Accelerator Update

10 August 3 - 6

- Two stores provided 29 hours and 13 minutes of luminosity
- Linac had quadrupole problems
- Kautz Road Substation has planned shutdowns
- TeV quenched during pre-shutdown studies
- 10 week shutdown begins

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

25 University of Chicago Tuition Remission Program for Children of Fermilab Employees

The Fermilab Research Alliance (FRA) announces the tuition remission program at the University of Chicago. Dependent children of regular, full-time employees of the lab are eligible for this benefit. If your child is accepted and enrolls as an undergraduate student at the University of Chicago, this benefit allows you to pay only half of the undergraduate tuition for your child. You must be the legal guardian and claim the child as a dependent for federal income tax purposes. The maximum benefit is twelve quarters. More information is available by calling Nicole Gee at x3697 or [online](#).

FRA Scholarship Update

FRA is pleased to announce its scholarship and tuition remission programs for various Illinois-based Universities. Employee Relations has placed the information on one website for your convenience. Please visit the [FRA Scholarship homepage](#) for links and contact information for each program.

CERN Safety Commission presentation Wednesday

Fermilab will be hosting Maurizio Bona, head of the CERN Safety Commission, on Wednesday, August 8, 2007. Mr. Bona will be giving a presentation in One West at 9:00 a.m. in which he is expected to discuss recent



Year Service Award: Left to right: Bruce Chrisman (Directorate), James Kilmer, John Foglesong and John Larson

In the News

From *New York Times*, August 7, 2007

What's in a Name? Parsing the 'God Particle,' the Ultimate Metaphor

We need to talk about the "God particle."

Recently in this newspaper, I reported on the attempts by various small armies of physicists to discover an elementary particle central to the modern conception of nature. Technically it's called the Higgs boson, after Peter Higgs, an English physicist who conceived of it in 1964. It is said to be responsible for endowing the other elementary particles in the universe with mass.

[Read more](#)

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changes in the CERN safety system. Anyone who is interested is invited to attend.

Professional Development

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

Barnstormers meeting Wednesday

The Fermilab Barnstormers monthly meeting is Wednesday, August 8 at the Frelo field next to site 39. In case of inclement weather, it will be held at the users center.

[Additional Activities](#)