

Calendar

Tuesday, September 14

3:00 p.m. Special Astrophysics Seminar - Curia II

Speaker: P. Hoefflich, University of Texas

Title: Physics of Type Ia Supernovae for Cosmology: II

3:30 p.m. DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

4:00 p.m. Accelerator Physics and Technology Seminar - 1 West
Speaker: A. Ruggiero, Brookhaven National Laboratory

Title: Proton Drivers

Wednesday, September 15

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

4:00 p.m. Fermilab Colloquium - 1 West

Speaker: M. Witherell, Fermilab

Title: The International Linear Collider and Fermilab's Role In It

Wilson Hall Cafe

Tuesday, September 14

Tomato Bisque

Pesto Marinated Chicken Breast \$4.75

Burgundy Beef Tips \$4.25

Baked Fish Creole over Rice \$3.75

Grilled Chicken Caesar Wrap \$4.75

Pepperoni Lover's Calzones \$3.25

Rio Grande Taco Salads \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

Weather

Fermilab Director Seeks Nominations for Annual Award for Education Volunteers



Volunteers Leo Bellantoni and Cat James conducting a physics demonstration in a classroom.

The many successes of Fermilab's kindergarten through 12th grade educational programs depend on the talents of over 200 volunteers who help out each year. Whether it is simply meeting with students and teachers to explain what Fermilab is all about or designing, building and maintaining Lederman Science exhibits, the K-12 students and teachers in these programs benefit both directly and indirectly from the volunteers.

Director Michael Witherell has announced an annual award of \$1000, made possible by an anonymous donor, to recognize some of the volunteers whose contributions go beyond the usual level of support. The award recipient will be recognized at the annual fall Volunteers' Reception which will be at 5:00 p.m. on Thursday, November 4 on the second floor crossover.

Director's Corner

Good Morning!

This week we host a workshop here called TeV4LHC. The purpose of this workshop is "to bring together the Tevatron and LHC experimental groups and the theoretical



Mike Witherell

community to make the best possible use of data and experience from the Tevatron in preparing for the LHC experimental program."

Twenty years ago Fermilab benefited from the experience at the CERN SppS in starting up the Tevatron collider program. Accelerator and experimental lessons learned there were used to inform the newer program here. Many new ideas were added here, of course, most notably the superconducting magnets that extended the energy reach well beyond that of the CERN collider.

The LHC accelerator and detectors are in many ways very advanced compared to what was possible to build twenty years ago, and they will have to operate in a much more challenging environment. But many lessons learned with hard experience at the Tevatron will make it possible for the LHC program to get a fast start. Everything we do in our field builds on the accomplishments of the past.



Partly Cloudy 86°/67°

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Awardees will be selected from nominations. To submit a nomination, download a [nomination form](#) or pick up a form from Jackie Coleman, WH2E. Forms must be received by Friday, October 8 to be considered for the 2004 award. Nominations should be submitted to Jackie Coleman at MS105 or jackie@fnal.gov. Nominees must be a Fermilab staff member, user or contractor. Nominations will be held for two consecutive years.

Correction

In yesterday's issue, *Fermilab Today* incorrectly stated that the Beam Position Monitor upgrade in the Tevatron is 100% complete. The BPM upgrade in the *tunnel* is complete, but the software, electronic hardware, installation, and commissioning efforts required for the system upgrade are not complete. *Fermilab Today* regrets the error.

In the News

From the *Rockford Register Star*, September 13, 2004

No optical illusion: Fiber good for Rockford

If Rockford wants more jobs and better paying jobs, it must be in the loop. The best way to get there is through city ownership of a fiber-optic network.

Mayor Doug Scott last week announced the city's plans to buy a 22-mile ring of fiber-optic cables beneath Rockford. The cables, which have been dormant for most of the last decade, are actually bundles of glass fiber-optic tubes. Each tube is no more than the width of a hair but can move

Announcements

Wilson Hall Elevator Maintenance
Elevator 1 and Elevator 4 will be out of service on Thursday from 9:00 a.m. to 11:00 a.m. for maintenance. Elevator 2 and Elevator 3 will be out of service on Friday from 9:00 a.m. to 11:00 a.m. for maintenance. For more information contact Stan Boyson at x4753.

Listserv Downtime Scheduled

As part of the listserv upgrade process the system will be unavailable from 6:00 a.m. to about 7:30 a.m. when DNS is reloaded. More information is [available online](#).

Upcoming Power Outages

September 24

Wilson Hall (and all of Fermilab except for the Village and the Main Injector) will have no power for half an hour beginning around 7:00 a.m.

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copper wire.

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