

Furlough Information

New furlough information, including an [up-to-date](#) Q&A section, appears on the [furlough Web pages](#) daily.

Layoff Information

New information on Fermilab layoffs, including an [up-to-date](#) Q&A section, appears on the [layoff Web pages](#) daily.

Calendar

Monday, March 17

2:30 p.m.

[Particle Astrophysics Seminar](#)

- One West (NOTE LOCATION)

Speaker: S. Watson, University of Michigan

Title: Cosmological Dark Matter and LHC: How Robust is the Connection?

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting - Curia II

Tuesday, Mar. 18

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

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

Weather

 **Rain**
46°/39°

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

Feature

Fermilab tunnels make hit History Channel show



"Cities of the Underworld" show host Don Wildman (center) interviews NuMI safety coordinator Mike Andrews.

The group had braved days in Parisian catacombs, underground dungeons and shipwrecks. Yet as the elevator dropped 360 feet into the MINOS near detector hall at Fermilab, flickers of uncertainty crossed the faces of the globe-trotting television crew.

In late September 2007, "Cities of the Underground" host Don Wildman and a crew from Authentic Entertainment came to Fermilab with intentions of peeling the laboratory's layers like an onion. Beginning hundreds of feet deep in Fermilab's tunnels and working their way to the top of Wilson Hall, the group documented explanations of the science at Fermilab and the formation of the laboratory itself for the hit History Channel series "Cities of the Underworld."

Although Fermilab only appears in a brief segment of the Chicago episode, which airs at 8 p.m. tonight, Authentic Entertainment producer Chris Bray said that the Fermilab tour and the science of neutrinos really steals the show.

"It turned out great," Bray said. "We were worried about the explanation of such abstract and complicated science, but when we showed people an early version, we found that they loved neutrinos. This really is the star of the Chicago show."

Safety Tip of the Week

Dealing with risk



Steve Holmes

Errors often happen when sudden, unfamiliar situations require immediate action. When Associate Director for Accelerators Steve Holmes was 6 years old he decided to go down a steep gravel road on his new bike, and his regular method of braking - dragging his feet - failed. He caught a chin

full of gravel. Accelerator Division Senior Safety Officer John Anderson was 12 when he fell through ice after he and a friend decided to walk across a frozen river rather than use a bridge some distance away. Fortunately, he moved toward shore where his friend pulled him out.

In both cases, Holmes and Anderson had completed these activities many times without incident. However, changes affecting the level of risk went unrecognized. This is known as a knowledge-based error in the methodology of [Human Performance Improvement](#), which draws upon many disciplines. By looking at total quality management, process improvement, behavioral psychology, instructional systems design, organizational development and human resources management, a person can understand the factors that cause this type of error and develop a strategic approach to minimizing the frequency and severity of these events.

These principles apply both at home and at work and in all stages of life. When encountering a sudden, unfamiliar situation, slow down to allow for a more thorough review or try to change the situation. If that isn't possible, make sure to think through how you can prevent or lessen the risk associated with this situation in the future.

[Safety Tip of the Week Archive](#)



John Anderson

Current Security Status

Each show in "Cities of the Underground" focuses on the tunnels, tombs and subterranean hideouts that make up the foundations of today's cities. Former sites include dungeons of Scottish castles, the underground infrastructure of Rome and the caves beneath Budapest.

Wilson Hall Cafe**Monday, Mar. 17**

- Apple & fennel soup
- Monte cristo
- *Savory roasted chicken quarters
- Corned beef
- Chicken ranch wrapper
- Assorted slice pizza
- Szechuan style pork lo mein

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, March 19 Lunch**

- Trout almondine
- Lemon scented rice
- Vegetable of the season
- Amaretto cheesecake

Thursday, March 20 Dinner

- Seviche
- Paella
- Watercress, oranges & red onion salad
- Brazo de gitano

[Chez Leon Menu](#)

Call x4598 to make your reservation.

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

While most of the program's visits give viewers a glimpse of past achievements, Fermilab's NuMI tunnel offers a look at current science working to shape the future.

"It appeals to a wide audience - people are fascinated by looking at all different aspects of what goes on in the world," said NuMI safety coordinator Mike Andrews. "It definitely gives exposure to the neutrino program and the laboratory as a whole."

--*Rhianna Wisniewski*

In the News**Full steam ahead**

From *Physics World*, Feb. 29, 2008

When he takes charge of the world's largest physics laboratory next January, Rolf-Dieter Heuer will begin work just as the long-awaited Large Hadron Collider reaches full throttle. Matthew Chalmers finds out what CERN's next director-general plans to make of his rather fortunately timed five-year term.

When the *Economist* recently reported the news of Rolf-Dieter Heuer's appointment as the next director-general of CERN, it depicted him sitting cross-legged in the middle of a circular track steering a model train around him — smiling. It was an apt cartoon for someone who is about to take charge of the world's most powerful particle accelerator: the 27 km-circumference Large Hadron Collider, which is nearing completion at the European laboratory just outside Geneva. What the cartoonist did not know is that model railways are one of Heuer's passions.

"I don't 'play' with the trains," the 59-year-old German particle physicist is quick to point out over the phone from his office at the DESY laboratory in Hamburg, where he is currently director of high-energy and astroparticle physics. "I like to build complex track arrangements — and not just circles!"

From January 2009 Heuer will have a somewhat more complicated toy at his disposal. The LHC, which is due to start tentatively smashing protons into one another

Announcement**Arts Series offers 15 percent furlough discount**

The Arts Series will offer a "Fermilab Employee Furlough Discount" of 15 percent for any full-price Arts Series tickets purchased by a Fermilab employee or user between now and Sept. 30, or the end of the furlough period. Employees or users must show a valid Fermilab ID. The discount for graduate students, 50 percent off Arts Series tickets, will remain the same. Discounts are applicable to all Arts events now posted on our [Web page](#). Upcoming highlights include Barrage, Reduced Shakespeare Company, Klezomatics, Michel Lauziere, Dixie Hummingbirds, Solas and Best of Dance Chicago.

Accelerator Update**March 12-14**

- Four stores provided 27 hours and 10 minutes of luminosity
- Store 5977 quenched due to compressor trip
- TeV auto orbit smooth program working
- MI collimator studies improve stashing and TeV transfers

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements**Have a safe day!****Discounted tickets available**

Discounted tickets are available for the Chicago Bulls at the United Center, March 22, \$26 and March 25, \$30. Stop by the Recreation Office, WH15, or call x2548 for more information.

DreamWeaver CS3: Advanced

An advanced course on DreamWeaver CS3 is offered. This course is targeted to Web site developers, Web site designers, marketing managers, Web graphic artists and Web site administrators. [Learn more and enroll](#)

Excel 2003 Intermediate

An intermediate class on Excel 2003 is offered. Learn how to create templates, sort and filter data, import and export data, analyze data and work with Excel on the Web. [Learn more and enroll](#)

Going to CERN?

Fermilab Today

is online at:

www.fnal.gov/today/

Send comments and suggestions to:

today@fnal.gov

beneath the Franco-Swiss border this summer after 23 years of planning and construction, is the largest scientific instrument ever built. When it reaches full throttle next year, the multibillion Swiss Franc accelerator will pack an energy of a few TeV (10^{12} eV) into a volume of about 10^{-45} m³. Such conditions have not existed since the first trillionth of a second after the Big Bang, which means that the LHC could open the door to particles and forces that have never been seen before. The timing of Heuer's five-year directorship could hardly be better.

[Read more](#)

Take your camera! Have your photos featured in the Fermilab Remote Operations Center online gallery. Contact [Elizabeth Clements](#) for details.

[Additional Activities](#)