

## 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

### Wednesday, May 7

3:30 p.m.

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.

[Fermilab Colloquium](#) - One  
West  
Speaker: M. Kasevich,  
Stanford University  
Title: Atom Interferometry

### Thursday, May 8

1 p.m.

Physics and Detector Seminar  
- West Wing, WH-10NW  
Speaker: C. Adolphsen,  
Stanford Linear Accelerator  
Center  
Title: SCRF for the ILC  
2:30 p.m.

[Theoretical Physics Seminar](#) -  
Curia II  
Speaker: T. Figy, Durham  
University  
Title: QCD Corrections to  
Vector-Boson-Fusion Higgs  
Production Channels  
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.

## Feature

### Register now for U.S. CMS 2008 Run Plan Workshop



CMS collaborators at work in the LHC Remote Operations Center. Data analysis planning for CMS will take place at the U.S. CMS 2008 Run Plan Workshop next week.

All members of the U.S. CMS collaboration who plan to participate in data taking and analysis at the Large Hadron Collider this year should register now for the [U.S. CMS 2008 Run Plan Workshop](#). The LHC Physics Center at Fermilab will host the workshop on May 15 and 16, providing one last opportunity for U.S. CMS to synchronize its analysis plan with the overall CMS collaboration.

"We're going to be running this year," said Fermilab's Dan Green, co-leader of the LPC. "We have to think through the role of U.S. CMS in 2008 data taking and analysis."

Workshop attendees will divide into three working groups: commissioning, detector operation and data operation. The working group leaders hope to determine which universities want to analyze what data sets. "This will influence the data flow," Green said. "We need people to commit to say what they are going to work on and explain what value they will add."

The CMS Deputy Physics Coordinator, Joe Incandela; CMS Commissioning Coordinator, Tiziano Camporesi; and his Deputy, Darin Acosta, will join the workshop.

At the workshop, the LPC also will release a new analysis tool to overlap the models of the CMS detector with actual data from cosmic

## From the ES&H Section

### Safety requires team effort

*Bill Griffing, head of the Environmental Safety and Health Section, wrote this week's column.*

People often attribute the strength of Fermilab to the cooperative spirit of our employees. Most of the tasks here are so monumental and complex that it takes a team approach to accomplish them.



Bill Griffing

I want to share one particular example of this cooperative spirit that makes me extremely proud. Auditors of our ES&H program often marvel at the way the senior safety officers embedded in various divisions, sections and centers cooperate with each other in sharing ideas and resources across organizational boundaries. Although employed by the line organizations they support, these ES&H professionals report to me, the head of the ES&H Section, as well. We meet as a group once a month to review the progress of projects we are working on, to share lessons learned and to share ideas for making improvements in Fermilab's ES&H program. I also meet one-on-one with each of the SSOs every quarter to discuss ES&H issues pertaining to each line organization. I solicit feedback from them on the centralized ES&H services and support that our ES&H section offers.

In the last few years our ES&H program has made considerable progress, culminating in the recent registrations under the international standards ISO 14001 (Environmental) and OHSAS 18001 (Safety & Health). These standards are recognized worldwide as the pinnacle of ES&H performance and can only be awarded to organizations that passed rigorous audits by external auditors and that met specific criteria.

Achieving this recognition required the cooperative efforts of all employees at Fermilab. The SSOs led the effort of preparing each line organization for these reviews - preparations that began years ago - while laying the foundations for the program as we

**Weather****Rain**  
71°/46°[Extended Forecast](#)  
[Weather at Fermilab](#)**Current Security Status**[Secon Level 3](#)**Wilson Hall Cafe****Wednesday, May 7**

- Shrimp gumbo
- Pizza burger\*
- Bistro salmon steak
- Mongolian beef
- BLT wrap
- Assorted slice pizza
- Chicken Cajun pasta

\*Carb Restricted Alternative

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, May 7****Lunch**

- Crepes w/Black Forest ham & Gruyere
- Greek salad
- Cold lemon soufflé

**Thursday, May 8****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](#)

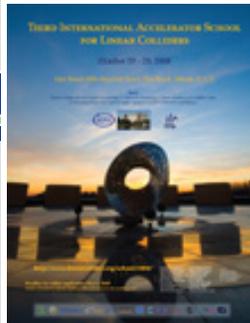
rays. "The Monte Carlo data gives us a perfect detector. The cosmic ray data shows us the real detector with warts," Green said. "This new overlap tool combines the two together, and it should be our best, most realistic representation of what we're going to see before running."

Workshop attendees also will have the option to attend a CMS Starter Kit tutorial on the evening of May 15.

The deadline to register for the free U.S. CMS 2008 Run Plan Workshop is May 8. Those who cannot travel to Fermilab may connect via videoconference.

To register, click on the [evaluation link](#) on the top left corner of the workshop Web site.

-- *Elizabeth Clements*

**Feature****Linear Collider School now accepts applications**

The Third International Accelerator School for Linear Colliders will accept applications through May 15. Jointly organized by the GDE, International Linear Collider Steering Committee and the ICFA Beam Dynamics Panel,

the school will take place Oct. 19-29 at the Oak Brook Hills Marriott Hotel in Oak Brook, near Chicago. Fermilab will host the school.

Previous schools have taken place at the Ettore Majorana Center in Erice, Italy, and at Sokendai in Hayama, Japan.

The school accepts applications worldwide from graduate students, postdoctoral fellows, junior researchers and physicists considering a career change from experimental to accelerator physics. The accepted 70 students will receive financial aid to cover expenses, including airfare, lodging, meals, local transportation and school supplies.

The focus of the school will be on TeV-scale linear colliders including the International Linear Collider and the Compact Linear Collider (CLIC). Students attending this lecture-style school will learn about linear collider basics, warm and superconducting radiofrequency technology, beam dynamics of

know it today. With this column, I recognize the work of these professionals and commend them for the role they play in continuously strengthening our ES&H program and encouraging positive ES&H behavior in others.



Senior Safety Officers at Fermilab. Front row from left: Mike Bonkalski, Martha Heflin, Amy Pavnica, John Anderson. Back row from left: John Cassidy, Rich Ruthe, Greg Mitchell, Bill Griffing.

**Safety Update****ES&H weekly report, May 6**

This week's safety report, compiled by the Fermilab ES&H section, lists three incidents reported to the Medical Department. None of them were recordable injuries. The last recordable injury occurred 31 days ago. Find the full report [here](#).

[Safety report archive](#)

**Announcements****Users' meeting June 4, 5**

Fermilab will host the annual Users' meeting on Wednesday, June 4, and Thursday, June 5. For more information or to register, visit the [Users' Meeting Web site](#).

**2008 CTEQ-MCnet School**

The application deadline for the 2008 CTEQ-MCnet Summer School on QCD Phenomenology and Monte Carlo Event Generators is May 14. The school, co-sponsored by Fermilab, will be held in Debrecen, Hungary, from August 8-16. The program includes lectures on QCD theory, phenomenology and analysis as well as hands-on sessions on event-generator physics and techniques. Enrollment is limited to 80 participants. Applications from postdocs are particularly encouraged. [More information](#)

**New computer programming course**

"C++ Exception Safety: Issues and Best Practices," the fourth course in the current

**Info**

*Fermilab Today*

is online at:

[www.fnal.gov/today/](http://www.fnal.gov/today/)

Send comments and suggestions to:

[today@fnal.gov](mailto:today@fnal.gov)

collider linac and damping rings, as well as other detectors and physics. A course on muon colliders will also take place.

Visit the school [Web site](#) to apply or for more information.

**In the News****The future is science fiction**

From *The Record.com*, May 7, 2008

*Humans have trouble imagining tomorrow will be very different from today*

The most important things happening in the world today won't make tomorrow's front page. They won't get mentioned by presidential candidates or Chris Matthews or Bill O'Reilly or any of the other folks yammering and snorting on cable television.

They'll be happening in laboratories -- out of sight, inscrutable and unhyped until the very moment when they change life as we know it.

Science and technology form a two-headed, unstoppable change agent. Problem is, most of us are mystified and intimidated by such things as biotechnology, or nanotechnology, or the various other -ologies that seem to be threatening to merge into a single unspeakable and incomprehensible thing called biotechnonanogenomicology. We vaguely understand that this stuff is changing our lives, but we feel as though it's all out of our control. We're just hanging on tight, like Kirk and Spock when the Enterprise starts vibrating at Warp 8.

[Read more](#)

series of "Selected Topics in Computer Programming," will take place on Thursday, May 8. As a new course aimed at programmers with C++ experience, it will deal in depth with error handling in modern C++ programs. Attendees will learn to analyze code for exception safety, and to apply language and library mechanisms in standard patterns that yield exception-safe code. There is no cost for the class and TRAIN credit will be awarded to participants. Course registration is now [open](#).

**Barnstormers meeting May 14**

The Fermilab Barnstormers will conduct their monthly meeting on Wednesday, May 14, at 5:30 p.m. at the Frelø Flying Field. In bad weather the meeting will take place at the Users' center. Any employees or users interested in Model Airplanes are welcome, and perhaps even get some dual stick time with an instructor.

**Women can provide feedback on work environment at May lunch meetings**

Calling all female staff, users and student and senior scientists! Fermilab Deputy Director Young-Kee Kim would like to hear about your work environment at Fermilab. Please join her for a lunchtime meeting from noon -1 p.m. on May 7, 14 or 28. The meetings will take place in the small dining room in the southwest corner of the atrium in Wilson Hall. Please bring your lunch. To arrange a private meeting with Young-Kee Kim, please contact Marilyn Smith via [e-mail](#).

**[Additional Activities](#)**