

## Calendar

Monday, October 4

2:30 p.m. Theoretical Astrophysics Seminar - Curia II

Speaker: J. Collar, University of Chicago

Title: COUPP, the Chicago Observatory for Underground Particle Physics, A Dark Matter Search In Your Backyard

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over  
THERE WILL BE NO ALL EXPERIMENTERS' MEETING THIS WEEK

Tuesday, October 5

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

Speaker: J. Ostriker, Princeton University

Title: Early Ionization of the Universe from Stars and Black Holes

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over  
THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

## Wilson Hall Cafe

Monday, October 4

Potato Au Gratin

Monte Cristo \$4.75

Savory Roasted Chicken Quarters \$3.75

Lasagna Bolognese \$3.75

Chicken Ranch Wrapper \$4.75

Sausage Alfredo Pizza \$2.75

Szechuan Style Pork Lo Mein \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

## VMS Installs More Posters on 15th Floor



Working on the installation of posters: Karen Seifrid (left), Reidar Hahn, and Deborah Guzman Meyer. (Click on image for larger version.)

On September 24, members of the Visual Media Services department installed a third set of posters on the 15th floor of Wilson Hall. Titled "From Quarks to the Cosmos" the eight posters highlight the search for the Higgs as well as the goals of three Fermilab astrophysics projects - Auger, CDMS and SDSS. The posters also include the most basic questions about the universe facing physicists in the 21st century, as recently stated in the Quantum Universe report.

The posters feature large-size images with short captions, serving as visual aids and talking points for docents and employees giving tours of the lab. With input from the Office of Public Affairs, Reidar Hahn and Diana Canzone designed and printed all posters in house. Previously, VMS produced and installed the two sets "Fermilab Accelerators" and "Collider Experiments." Next in line are

## Safety Tip of the Week

### Smoke Detectors

Fire Prevention Week is October 3 through October 9 this year. The National Fire Protection Association selected "Test Your Smoke Alarms" as this year's theme. At Fermilab, most fire detection equipment is tested and maintained by the Operations Group in FESS. Area managers are responsible

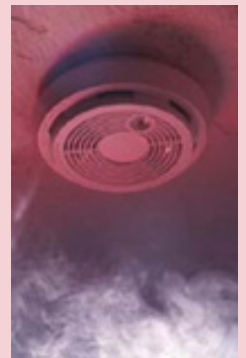
for developing evacuation plans, conducting drills, and keeping exit pathways clear.

Whenever smoke is detected, local alarms go off to signal occupants

to get out. Except for some housing areas that utilize standard home-

style smoke detectors, a signal is automatically sent to the lab's Communication Center so that Fire Department personnel may be dispatched.

At home, fire protection is your responsibility. Roughly 70 percent of home fire deaths result from fires with no smoke alarms or no functioning smoke alarms. So what is the best way to deploy smoke alarms? They should be installed on every level of your home, including the basement, and outside every sleeping area. They should be mounted high on walls or ceilings and tested once a month in accordance with manufacturer's



"Test Your Smoke Alarms" is the theme for Fire Prevention Week this year.

## Weather



Sunny 55°/28°

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secon Level 3](#)

## Search

Search the Fermilab Today Archive

## Info

Fermilab Today is online at:

<http://www.fnal.gov/today/>

Send comments and suggestions to

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

[Fermilab Today archive](#)

[Fermilab Today PDF Version](#)

[Fermilab Result of the Week archive](#)

[Fermilab Safety Tip of the Week archive](#)

[Linear Collider News archive](#)

[Fermilab Today classifieds](#)

[Subscribe/Unsubscribe to Fermilab Today](#)

"Neutrino Experiments" and "Technology."



Posing with the astrophysics section of the new posters on the 15th floor: Fred Ullrich (left), Diana Canzone, Reidar Hahn, Deborah Guzman Meyer, Karen Seifrid, Kurt Riesselmann. (Click on image for larger version.)

## A Good LInC to Click On



LInC "online facilitators" (left to right) : Cheryl LaMaster, Bob Martines, Sharon Gatz, Chris Marszalek, Stephen Meehan, Laura Mengel (Click on image for larger version.)

For the past 10 years, Laura Mengel of the Computing Division has promoted the use of technology to help teachers give their students a more active role in learning.

The Leadership Institute Integrating Internet, Instruction and Curriculum (LInC), the Fermilab educational program she founded and leads, earned kudos on Sept. 10 as Resource of the Day from the [Eisenhower National Clearinghouse](#), a Web portal for math and science teachers supported by the U.S. Department of Education.

"This is really a nice recognition for Laura and all the teachers who worked

instructions. Batteries should be replaced once a year, whenever the alarm "chirps" warning that the battery is low. Fire alarms do not last forever; you should plan on replacing them every 10 years.

Like at work, you should also develop a fire evacuation plan. Everyone in your household should understand this plan and you should walk through the steps to be sure it is actually usable. Establish an outside meeting place where everyone can meet after they've escaped.

For additional information, read the [NFPA's fact sheet](#) on smoke detectors.

Have a great day and let's work safely all week!

[Safety Tip of the Week Archive](#)

## Accelerator Update

During the shutdown, the Accelerator Update will offer a series on the history and operation of the laboratory's accelerator complex. The Linac is the fourth in a series.

[Read the Current Accelerator Update](#)

[View the Tevatron Luminosity Charts](#)

## Announcements

with her. They have put a lot of work into the program over the past 10 years," said Marge Bardeen, the head of Fermilab's Education Office.

LInC trains teachers both on-line and on-site. Teachers learn how to create or customize on-line educational materials and integrate them in the curriculum. But they also learn to interact with their students in a new way. "We help teachers make the transition from the lecture mode to inquiry-based learning," Mengel said.

Students learn better if they find things out for themselves -- the way a scientist does research, Mengel said. With the Web, the teacher is no longer the students' only source of information. The Web also enables students to collaborate across geographical divides, and eventually to publish their results. "With technology, you can open up the classroom walls," she said.

In a typical project, students from schools in Maryland and D.C. tested the waters of the Chesapeake Bay Watershed for pollutants and compared their results with kids who lived far up- or downstream. The program also trains teachers so they can offer LInC classes to their peers around the country. Over 500 educators from 28 states have participated in different LInC programs.

#### **In the News**

#### **Power Outage News**

**MP9, MW9, and MAB**

October 9, Feeder 40 work will begin at 7:00 a.m.; no power to these areas for eight hours

#### **Cancellations**

The following scheduled power outages have been cancelled: October 5, 6, and 7 for Meson areas MS1, 2, 3, MDB, MS6 and 7. The October 8 power outage has also been cancelled for the following Meson substations: ML5, 12, & 14, and for the Meson Cryo Central building.

#### **Upcoming Classes**

October 5 - Excel Intermediate

October 14 & 15 - Interpersonal Communications Skills for Administrative, Support Staff and other Professional Positions (two consecutive half-days - mornings and two consecutive half-days - afternoons).

October 19 - Word 2000 Advanced

November 16 & 17 - Behavioral Interviewing (Talent Selection) two consecutive half-days

December 14 & 15 - Behavioral Interviewing (Talent Selection) two consecutive half-day

[more information](#)

#### **Accounts Receivable Project**

#### **Conversion Query**

A new Accounts Receivable Project Conversion Query is available on the Business Services Section - Online Services - [Business and Financial Information Web page](#) under the section labeled "Miscellaneous Items".

#### **FY05 Per Diem Rates**

New FY05 Per Diem Rates are effective

**From *IEEE Spectrum*,  
October 1, 2004**

**CERN Turns 50**

*Five decades of breakthroughs, from the W particle to the World Wide Web*

On 29 September, the particle physics laboratory in Geneva known as CERN—the European Organization for Nuclear Research—celebrated its 50th birthday. In the past half century, CERN has emerged as the world's preeminent laboratory for the study of elementary particles, and it serves today as a focal point of European pride.

[Read more](#)

10/01/04. Links are available on both the Business Services Section - Online Services - [Accounting Rates Web page](#) and [Accounting Web page](#) under the section labeled "Rates".

**Hatha Yoga Classes at the High Rise**  
Learn the benefits of yoga: destressing, lowering blood pressure, improve circulation and have clarity and piece of mind. Chris Baxter will be conducting Yoga classes at Fermilab in the Auditorium on Thursdays from noon to 1:00 p.m. beginning October 7. This 8-week class is \$80.00. Registration can be made in the Recreation Office. Maximum of 25 people. Deadline to register is October 5. A yoga mat is required for this class.

**Scottish Country Dancing**  
Scottish Country Dancing at 7:30 p.m. on Tuesday, October 5 at the Geneva American Legion Post. Contact 630-584-0825 or 630-840-8194 or [folkdance@fnal.gov](mailto:folkdance@fnal.gov).