

Calendar

Monday, June 13

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

Speaker: M. Crisler, Fermilab

Title: A Continuously Sensitive Bubble Chamber for Dark Matter Searches

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting - Curia II

Special Topic: Beam-Beam Effects: Now and After Upgrades

Tuesday, June 14

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. Accelerator Physics and

Technology Seminar - 1 West

Speaker: X. Huang, Indiana University

Title: Understanding the Fermilab Booster with Beam-Based Measurements

Weather



Chance Thunderstorms **88°/70°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Ashmanskas' Work at Fermilab Earns Prestigious Presidential Early Career Award

At a Washington, DC ceremony today (Monday, June 13), scientist William Ashmanskas of the Department of Energy's Fermilab will receive the prestigious Presidential Early



Bill Ashmanskas

Career Award for Scientists and Engineers, the highest honor bestowed by the U.S. government on outstanding scientists and engineers who are in the early stages of establishing their independent research careers. Ashmanskas's citation was for "applying to Fermilab accelerator instrumentation and controls problems the state-of-the-art digital electronics techniques that he and others have successfully applied in recent years in the trigger systems of the CDF experiment."

Ashmanskas is one of nine DOE scientists, from a total of 58 researchers supported by eight federal departments and agencies, receiving the Presidential Early Career Award. Each Presidential award winner receives a citation, a plaque and a commitment for continued funding of their work from their agency for five years. Dr. John Marburger, Director of the Office of Science and Technology Policy, will present the awards.

[read more](#)

Safety Tip of the Week

Confined spaces



Working safely in a permit-required confined space may require a number of precautionary measures.

Spaces are considered confined if their configurations hinder the activities of people who must enter, work in, and exit them. This confinement increases the risk of entrapment, keeps workers close to hazards (e.g., moving machinery, electrical conductors), and makes it easier to create an asphyxiating atmosphere. A common scenario involves workers in a confined space being overcome by an atmospheric hazard, then having unprepared co-workers attempt a rescue only to be overcome themselves. This chain of events then continues until no one is left.

What does Fermilab do to control the hazards associated with confined spaces? Labwide procedures are contained in chapter 5063 of our ES&H manual. Divisions/Sections have also prepared local implementation plans. The phrase permit-required is used to describe the kind of confined space that poses a significant risk. Nearly 700 of these have been identified on site (see

Monday, June 13

Potato Au Gratin Soup

Monte Cristo Sandwich \$4.85

Savory Roasted Chicken Quarters \$3.75

Lasagna Bolognese \$3.75

Chicken Ranch Wrapper \$4.85

Assorted Pizza Slices \$3.00

Szechuan Style Pork Lo Mein \$4.85

The Wilson Hall Cafe now accepts Visa, Master Card, Discover and American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) is now open. Call x4512 to make your reservation.

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DOE Presents Five AD Employees with Pollution Prevention Awards



Joanna Livengood (center) presented the awards to (Left to Right) Mike Gerardi, Barry Fritz, Victor Ingram, Bill Wickenberg and Jim Ranson on June 3. (Click on image for larger version.)

On June 3, the Department of Energy Site Manager Joanna Livengood presented the Accelerator Division's Barry Fritz, Mike Gerardi, Victor Ingram, Jim Ranson and Bill Wickenberg with Pollution Prevention Award Certificates. The certificates recognize their "outstanding contributions and commitment to pollution prevention and environmental stewardship through the implementation of the Emergency Light Battery Removal and Relocation Program."

Fermilab's Accelerator Division recently completed a multi-year program to remove emergency light batteries from over six miles of accelerator and fixed target beamline enclosures. The proper disposal of batteries is always tricky. But in this case, the presence of the batteries in areas subject to radiation presented Fermilab with a mixed waste disposal problem. AD employees replaced some emergency lighting systems with new uninterruptible power supplies. The team relocated other batteries to areas not subject to radiation. As a result, the project eliminated a mixed-waste disposal

list) and should be posted with a label stating DANGER - CONFINED SPACE. If you need to work in a permit-required confined space, your supervisor should have identified this on your Individual Training Needs Assessment (ITNA).

- If someone appears to be overcome in a confined space, do not enter the space to attempt a rescue. Otherwise, you could become the next victim. Rather, you should call X3131 and let the fire department perform the rescue.
- When working in a non-permit-required confined space, take care to avoid the introduction of a hazard through the work you are doing. Small spaces need on small amounts of air contaminants to cause serious problems.
- If you have a question about confined spaces, check the references given above or ask your supervisor and/or division/section ES&H group.

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

[Safety Tip of the Week Archive](#)

Accelerator Update

June 8-June 10

- During this 48 hour period Operations established one store that provided the experiments with approximately 28 hours and 44 minutes of luminosity
- Booster and NuMI suffer from kicker problems
- Pbar stacking halted due to A:IB contactor
- TeV quench during shot setup

problem and improved safety for the laboratory.

"We are very proud of the Accelerator Division," said Associate Director Jed Brown at the award ceremony. "You saved the lab a lot of money and helped cut down on pollution on the planet." Livengood also commented on the awards. "I am delighted to present these awards to you," she said. "The Department of Energy really values these types of projects. As good environmental stewards, you have helped Fermilab and our children's future." ES&H Head Bill Griffing also presented each award recipient with an official Fermilab safety baseball cap.

In the News

FYI: AIP Bulletin of Science Policy News, June 9, 2005 **Senior DOE Science Officials on FY 2006 Budget**

This week's meeting of the Basic Energy Sciences Advisory Committee (BESAC) gave senior officials of the DOE Office of Science an opportunity to comment on the FY 2006 Energy and Water Development Appropriations Bill that was recently passed by the House. Office of Science Director Ray Orbach was obviously pleased with the House bill that contained a 1.8% or \$66.2 million increase in the Office of Science budget, but advised committee members, "don't spend it yet."

[Read more](#)

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Upcoming Classes

June 22 - 23: Microsoft Project 2003

July 18 - 21: Learning Perl

July 19 & 20: Interpersonal Communication Skills

[more information](#)

Robin Staffin To Speak at SLAC on Monday - Streaming Video Will Be Available

On Monday, June 13, Robin Staffin, Associate Director in DOE's Office of Science, will speak on the state of the national high energy physics program and its future at 4:15 p.m. PST. Live streaming [video will be available online](#).

[more information](#)

Computer Security Training Sessions

The Fermilab Computer Security Team is hosting another series of Computer Security Training Sessions on June 16 in Wilson Hall One West starting at 9:00 a.m. There will be two computer security related sessions offered to fulfill ITNA requirements along with an informational session about Spyware and Phishing. While all three sessions are open to all, it is recommended that summer students attend to learn about proper computing usage while here at the Lab. Admission is free.

June 16, 2005 WH1W

9:00 Basic Computer Security

10:00 Security Essentials for Desktop System Administrators

11:00 Dangers of Spyware and Phishing

Please send any questions to

nightwatch@fnal.gov

Children's Treasure Hunt Party - August 5

This two hour event offers an introduction to the safe use of snorkeling gear and the aquatic environment. The Party will be held on August 5 at the Village Pool from 9 AM - 11 AM. The cost for each child is \$20.00. Cost includes an introduction to snorkeling basics, treasure hunt in an artificial reef environment, pirates treasure to keep, use of snorkel gear and a personal snorkel to keep. Children ages 5 to 12 yrs of age are accepted. Children must know how to swim and be comfortable in the water. Registration deadline is July 29. Maximum of 20 children accepted.

[more information](#)

Scottish Country Dancing

Scottish Country Dancing will meet Tuesday, June 14, in Ramsey Auditorium in Wilson Hall, the air-conditioned summer location. Instruction begins at 7:30 p.m. and newcomers are always welcome. Most dances are fully taught and walked through, and you do not need to come with a partner. Info at 630-840-8194 or folkdance@fnal.gov.

[Upcoming Activities](#)