

Calendar

[Have a safe day!](#)

Monday, April 19
11 p.m.

[Particle Astrophysics Seminar](#)

- One West
Speaker: Kumiko Kotera,
University of Chicago
Title: Ultrahigh Energy Cosmic
Rays, Neutrinos and Gamma
Rays: A Multi-Messenger
Approach to Astroparticle
Physics

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting -
Curia II

Special Topics: New INSPIRE
Database; T-992: SLHC
Sensors at MTest

Tuesday, April 20
10:30 a.m.

[Research Techniques Seminar](#)

- Curia II

Speaker: Satish Dhawan, Yale
University

Title: How to Deliver Oodles of
Current to HEP Detectors in
High Radiation and Magnetic
Fields?

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over

4 p.m.

[Accelerator Physics and Technology Seminar](#) - (NOTE

LOCATION) Comitium, WH-
2SE

Speaker: Holger Witte,
University of Oxford

Title: PAMELA - A Novel
Accelerator for Charged
Particle Therapy

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

Feature

Register now for the annual Users' Meeting June 2 and 3

[Registration](#) for this
year's annual
Users' Meeting is
now open. The
meeting, which
takes place June 2
and 3, will provide
an opportunity for
users and Fermilab
employees to learn
about Fermilab's
current
experiments and
efforts as well as
the laboratory's
future plans.

All Fermilab
employees are
invited to attend.

This year's
highlights will
include
presentations of the

URA Thesis and Tollestrup award
presentations and talks and talks by Steven
Koonin, Department of Energy under secretary
for science and Dennis Kovar, associate
director for High Energy Physics in the DOE
Office of Science.

Energy Secretary Steven Chu will give the
public lecture in the evening of Tuesday, June
2.

Milestone

Tevatron sets new initial luminosity records

The Tevatron broke Fermilab's initial
luminosity record twice on Friday, April 16.
That morning store number 7737 reached
378.1 $\mu\text{b}^{-1}/\text{s}$, breaking the previous record,
377.4 $\mu\text{b}^{-1}/\text{s}$, which was set on April 12. On
Friday evening store number 7747 reached
402 $\mu\text{b}^{-1}/\text{s}$. The unit of measurement $\mu\text{b}^{-1}/\text{s}$ is
roughly equivalent to 70,000 proton-antiproton
collisions per second.



Mikko Antero Voutilainen
presents on the inclusive jet
cross section measurement
at DZero at the 2009 Users'
meeting. Presentations
about results achieved and
progress made by Fermilab
experiments will also take
place at the annual
meeting.

ES&H Tips of the Week - Safety

Watch out for each other: speak up for safety



Most of us use ladders from time to time: at our
worksites, in the office or at home. Yet few of us
stop to review the basic rules for working with
ladders. Many of these rules can be found as
cautionary warnings right on the ladder.

If you are walking through the laboratory and
see a coworker climbing on the top of a ladder or
the step just below it, warning bells should
sound in your mind. The person has put him or
herself in an unsafe position and could easily
fall. But what should you do about it?

Previous ES&H Tips have discussed the
benefits of watching out for each other. But to
truly avoid injuries, we must do more than just
watch; we must take action. Speak up when
you see a coworker engaging in risky
behavior. Get involved. Don't let them learn
the hard way.

For most of us, noticing an unsafe action and
determining that the person needs help comes
naturally. But deciding to act, identifying what
action to take and following through is more
difficult.

In most cases reminding a person to act safer
only requires a verbal cautionary statement.
Remember, it is in everyone's best interest to
avoid mishaps. That may mean approaching
another worker about unsafe conditions or
behaviors, and your efforts will be appreciated.

Here are some tips for providing feedback:

- State observations rather than interpretations. The former have a more

[Upcoming conferences](#)[Campaigns](#)[Take Five](#)[Tune IT Up](#)[H1N1 Flu](#)

For information about H1N1, visit Fermilab's flu information [site](#).

[Weather](#)

Partly sunny
61°/40°

[Extended Forecast](#)
[Weather at Fermilab](#)
[Current Security Status](#)[Secon Level 3](#)[Wilson Hall Cafe](#)

Monday, April 19

- Croissant sandwich
- *Potato leek soup
- Monte Cristo
- *1/2 roasted chicken
- Alfredo tortellini
- Chicken ranch wrapper
- Assorted sliced pizza
- Szechuan style pork lo mein

*Carb restricted alternative

[Wilson Hall Cafe Menu](#)[Chez Leon](#)

Wednesday, April 21

- Lunch
- Thai chicken sauté
 - Macaroon shortcake w/ roasted pineapple

Thursday, April 22

- Dinner
- Closed

[Chez Leon Menu](#)

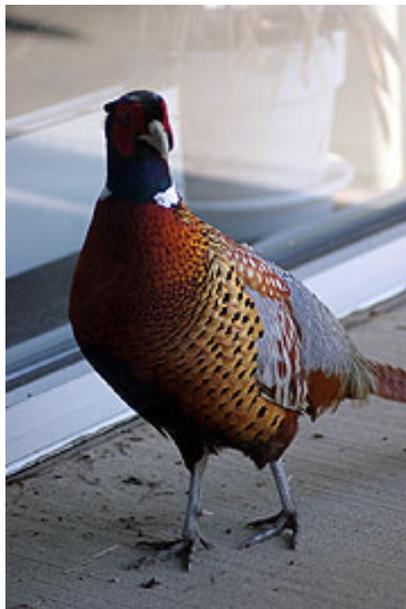
Call x3524 to make your reservation.

[Special Announcement](#)**DASTOW 2010 set for Thursday, June 24**

Save the date: The annual Daughters and Sons to Work Day at Fermilab will take place on Thursday, June 24. DASTOW '10 will offer many of the always-popular events along with some new additions. Read *Fermilab Today* in coming weeks for more details.

[Milestone](#)**Death**

Curtis Owen, a former employee, died March 18. Owen was a group leader in the Linac. He came to the laboratory as it was beginning in the late 1960s and was involved in the creation of the Linac. You can read Owen's obituary [here](#).

[Photos of the Day](#)**Pleasant pheasant**

PPD's Barb Kristen submitted these photos of a male pheasant that stopped by Lab BEG.



factual and less critical tone than the latter.

- Deliver your message directly and in a nonjudgmental tone.
- Show concern. This can rapidly de-escalate any tension that may arise from the encounter. For example, when approaching or confronting someone who is engaging in a risky behavior, try saying, "I think it's great that you are working so hard, but I just don't want to see you get hurt."

If something more than a cautionary statement is required, ask yourself whether helping will place you at personal risk. No one expects you to injure yourself while assisting a coworker.

-- *John Dawson, ES&H*

[Safety Tip of the Week Archive](#)[Accelerator Update](#)

April 14-16

- Two stores provided ~23 hours of luminosity
- New record luminosity store
- Tevatron cool down problems
- Main Injector RF 3 way valve problem
- Bad MI-8 line shunt regulator
- Linac buncher problems

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

[Announcements](#)

[Thursday Phillips Park golf league](#)

[Celebrate National Humor Month](#)

[Weight Watchers Open House April 21](#)

[Heartland Blood Center needs blood types A-, B+, B- as reserves are very low](#)

[Fermilab blood drive today and Tuesday](#)

[Ask HR - 15th floor comes to Site 38 Conference Room on Tuesday, April 20](#)

[National Lab Day 2010](#)

[AutoCAD Intermediate classed offered June 22 - 24](#)

[AutoCad Fundamentals class offered](#)

Archives	In the News	June 6 - 8
<p>Fermilab Today</p> <p>Result of the Week</p> <p>Safety Tip of the Week</p> <p>CMS Result of the Month</p> <p>User University Profiles</p> <p>ILC NewsLine</p>	<p>Astrophysicists cast doubt on link between excess positrons and dark matter</p> <p>From <i>Physorg.com</i>, April 16, 2010</p> <p>Astrophysicists are looking everywhere - inside the Large Hadron Collider, in deep mines and far out into space - for evidence of dark matter, which makes up about 25 percent of the energy density of the universe.</p> <p>Despite the recent tantalizing observation of excess high-energy positrons - thought to be due to dark matter - UC Irvine researchers say we're not quite there yet.</p> <p>Models predict that when dark-matter particles collide, they'll annihilate some of the time into electrons and positrons, said Manoj Kaplinghat, physics & astronomy associate professor. Scientists working on a satellite experiment called PAMELA recently identified a large excess of positrons, causing a flurry of excitement about having detected dark matter.</p> <p>Read more</p>	<p>FORE! The 2010 golf season is about to hit you</p> <p>SciTech summer camps start June 14</p> <p>Butts & Guts class - sign up now</p> <p>Blackberry Oaks Monday night golf league</p> <p>Employee Discount at Batavia Rosati's</p> <p>Country House Discount for Fermi Employees</p> <p>Qi Gong, Mindfulness and Tai Chi Easy for Stress Reduction</p> <p>Argentine Tango thru April 28 - Student Discount Available</p> <p>Calling all softball players</p> <p>Fermilab Management Practices Seminar classes begin in April</p> <p>ANSYS Mechanical Application classes offered in May</p> <p>Interaction Management class offered May 5, 12, & 19</p> <p>Performance Review class offered May 26</p> <p>Fermilab Functions class offered June 2, 8, & 10</p> <p>Submit an announcement</p>
<p>Info</p> <p>Fermilab Today is online at: www.fnal.gov/today/</p> <p>Send comments and suggestions to: today@fnal.gov</p> <p>Visit the Fermilab home page</p>		