

Calendar

[Have a safe day!](#)

Wednesday, March 3
3:30 p.m.

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

[Fermilab Colloquium](#) - One
West

Speaker: Zlatko Tesanovic,
Johns Hopkins University
Title: Superconductivity at
Dawn of the Iron Age

Thursday, March 4
2:30 p.m.

[Theoretical Physics Seminar](#) -
Curia II

Speaker: Matthias Neubert,
University of Mainz
Title: Effective Field-Theory
Tools for the LHC
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.

[Upcoming conferences](#)

Campaigns

[Take Five](#)

[Tune IT Up](#)

H1N1 Flu

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

Weather

Feature

Contractor to implement energy conservation measures at Fermilab



A contractor will help Fermilab put new energy-saving measures in place.

Fermilab is about to get a little greener.

The U.S. Department of Energy recently awarded a contract to implement five new energy-conservation measures that will help the laboratory save money, improve its infrastructure and lighting and reduce its energy intensity.

Fermilab, through the DOE Fermi Site Office, awarded the energy savings performance contract to Ameresco, a DOE-approved energy services company. Under the contract, Ameresco will provide financing for the project. Fermilab will pay the company back using the financial savings from reduced energy consumption over the 15-year contract term. As part of the standard energy savings performance contract the energy services company is required to guarantee that the annual savings will exceed the annual payment. The company will perform annual measurement and verification of the energy conservation measures to verify the savings for the project.

The five energy conservation measures include:

- Installation of a new, efficient boiler in the Central Utility Building. The boiler will provide heat for the Wilson Hall area's

From the ES&H Section

ES&H updates

Martha Michels, deputy head of the ES&H section, wrote this article.

The ES&H Section covers a lot of ground. While our section's three topic areas are diverse, one common thread brings them all together: awareness. The ES&H Section's success in all areas depends on how aware employees are of their impact on the environment, their surroundings and their



Martha Michels

interactions with equipment, personnel and more. While section staff members work hard at putting the information out there, we need your participation. Here are some ways that you can help the laboratory further its environmental leadership efforts and safety culture and keep yourselves healthy.

Environment

Last fall, Department of Energy staff signed an executive order expanding the federal government's commitment to leadership in environmental, energy and economic performance. Significantly reducing green house gas emissions is one aspect of that leadership. DOE recently established a goal to reduce green house gas emissions by 28 percent by 2020. As a DOE site, Fermilab will take a look at our own carbon footprint to see where we can make reductions.

If you have ideas for improving our current practices or ideas about how you and your group can reduce emissions, talk to your supervisor or your [Environmental Officer](#).

Safety

At 7 months old, Fermilab's Take 5 for Goal 0 safety awareness program is starting to sink in. In an effort to keep this initiative fresh, we are starting a new contest. We will post a staged picture on the [Take 5 Web page](#). The picture will display obvious safety issues. Your job will be to list all of the safety issues in the photo. The Senior Safety Officer's Subcommittee will choose two submissions at random on March 25, and each will win a

☀ Mostly sunny
35°/20°

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

Current Security
Status

[Secon Level 3](#)

Wilson Hall Cafe

Wednesday, March 3
- Breakfast: English muffin sandwich
- Beef barley soup
- Gyros
- Caribbean grilled salmon
- Stuffed pepper
- Beef and cheddar panini
- Assorted sliced pizza
- Grilled chicken bowtie w/ tomato cream

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, March 3
Lunch
- Roasted flank steak w/herb rub
- Smashed potatoes
- Baby carrots
- Lemon cheesecake

Thursday, March 4
Dinner
- Spinach & feta strudel
- Herb-crust lamb rib chops
- Tomato risotto
- Grilled vegetables
- Lemon blueberry parfait

[Chez Leon Menu](#)

Call x3524 to make your reservation.

Archives

heating load.

- Replacement of existing fluorescent lighting with new, high-efficiency lighting in the Wilson Hall area. This includes retrofitting the waffle-style light fixtures in the cafeteria.
- Replacement of selected existing lighting systems with new, high-efficiency fluorescent fixtures in the high-bay areas of the Industrial Building Complex, Wilson Hall Auditorium, Transfer Gallery building and the Village gymnasium.
- Installation of lighting control panels to shut off lighting in irregularly occupied spaces of the Industrial Center Building and Industrial Buildings 1-4.
- Transfer of electric loads from seven under-utilized transformers to other transformers. The original seven transformers will then be disconnected.

[Read more](#)

Feature

Beware of the aggressive geese, its nesting time



A female Canada goose protects her nest.

It's that time of year again. You know, when the trees grow buds, sprouts are seen peeking through the melting snow and geese get aggressive. Love is in the air all right, but for our feathered friends (or foes), it doesn't translate to good cheer. At least not toward humans.

Fermilab's site seems to be a haven for Canada geese, which love the open spaces and well-tended lawns. While Fermilab is taking measures to control the goose population, including contracting the [Geese Police](#) (video link), a local company that uses specially-trained [border collies](#) to chase the geese away from building entrances and lawns, employees and visitors may still encounter aggressive geese on site.

prize. To view the picture and submit a caption, click [here](#).

Health

Musculoskeletal injuries are one common risk associated with regularly working at a computer workstation. To help prevent these types of injuries you can incorporate various ergonomic principles, including taking frequent breaks from routine tasks. The Ergonomic Subcommittee members have identified a free computer-based program that employees can use to remind them to take regular and effective breaks. The program, Workrave, prompts individuals to take 30 second mini breaks and two-minute rest breaks with stretching. Employees interested in using this program should ask their supervisor and then contact the Service Desk for installation assistance.

Safety Update

ES&H weekly report, March 2

This week's safety report, compiled by the Fermilab ES&H section, includes one first-aid injury. A worker fell after getting a foot caught in an electrical cord. Find the full report [here](#).

[Safety report archive](#)

Announcements

[Argentine Tango through March 31, student discount](#)

[Barnstormers Delta Dart Night - March 10](#)

[On-site housing for summer 2010 - March 8 deadline](#)

[Employee discount offered at Batavia Rosati's](#)

[Harlem Globetrotters special ticket price - April 15](#)

[Qi Gong, Mindfulness and Tai Chi Easy for Stress Reduction](#)

[International Folk Dancing, Thursday evenings at Kuhn Barn](#)

[Muscle Toning class begins today](#)

[Hiring summer students for 2010](#)

[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[CMS Result of the Month](#)[User University Profiles](#)[ILC NewsLine](#)[Info](#)[Fermilab Today](#)

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suggestions to:

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Today

Geese get aggressive when they perceive a threat to their nests or goslings. This natural behavior makes sense, but becomes troublesome when their nests are near buildings or other high traffic areas.

[View tips](#) for dealing with aggressive Canada geese.

Special Announcement

Reminder: Limited dialing tonight

The laboratory will briefly experience a dialing outage from 1-2 a.m. on Thursday, March 4. AT&T maintenance activity will affect the ability to dial and connect to off-site numbers, as well as to receive calls from off-site numbers, including cell phones. These services will be unavailable for up to 30 minutes between the hours of 1 and 2 a.m. Thursday. This activity will have no impact, however, on our internal campus (extension-to-extension) dialing -- you may continue to dial other 4-digit extensions including the laboratory's emergency number, x3131.

In the News

For kids: The hottest soup in New York

From **Science News**, March 1, 2010

A quark-gluon plasma reaches the highest temperature ever measured in a lab

This winter has been a season of breaking records. Last month, athletes at the winter Olympic games in Vancouver broke sports records. A few weeks before that, record-breaking amounts of snow fell on the eastern and southern United States. And on February 15, scientists announced in Washington, D.C., that they had broken another record — for the highest temperature ever reached in a laboratory.

That new record is 4 trillion degrees Celsius (that's 7.2 trillion degrees Fahrenheit). By doing experiments at that temperature, scientists hope to study what happened just after the universe was born. Four trillion degrees Celsius is 250,000 times hotter than the hottest part of the sun, and probably close to the temperature of the universe right after the Big Bang, the birth of the universe.

[Deadline for The University of Chicago Tuition Remission Program - March 5](#)

[English country dancing - March 7](#)

[New Bible discussion starting March 9](#)

[DreamWeaver CS3: Intro offered March 9 or March 16](#)

[Interpersonal Communication Skills offered March 16](#)

[Word 2007 Advanced class offered March 16](#)

[Facilitating Meetings That Work course offered March 17](#)

[Adaptive Leadership: Coaching for Individual Differences class offered March 9](#)

[Art Gallery Talk - Virginia Broersma - March 10](#)

[Excel Power User / Macros class offered March 11](#)

[Influence and Motivation: The Empowering Leader course offered March 24](#)

[PowerPoint 2007 Advanced course offered March 25](#)

[Excel Programming with VBA class offered March 30 and April 1](#)

[FRA Scholarship 2010](#)

[Conflict Management and Negotiation Skills offered March 3 and 10](#)

[Adobe Acrobat Professional 9.0 Level 1 class offered March 4](#)

[Introduction to Argentine Tango Series of Classes - FREE](#)

[Additional activities](#)

[Submit an announcement](#)

[Read more](#)