

Calendar

[Have a safe day!](#)

Friday, May 1

12 p.m.

Traffic Safety Seminar - One West

Video Presentation: "Matt's Law"

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Joint Experimental-Theoretical](#)[Physics Seminar](#) - One West

Speaker: Vladimir Shiltsev, Fermilab

Title: When Will We Know A Muon Collider Is Feasible?

Monday, May 4

10:30 a.m.

Research Techniques Seminar Curia II

Speaker: David Nygren, Lawrence Berkeley National Laboratory/ Stockholm University

Title: Xenon Gas TPCs for 0- ν $\beta\beta$ and WIMP Searches: Recent Developments and Prospects

THERE WILL BE NO PARTICLE ASTROPHYSICS SEMINAR THIS WEEK

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting - Curia II

Special Topics: 3.9 GHz Cryomodule Shipment to DESY; LHC/CMS Report

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

Weather

In Brief

Influenza (flu) update

As of April 29, the Centers for Disease Control and Prevention recommends that U.S. travelers avoid all nonessential travel to Mexico. If you are an employee or user who returned from Mexico this week, or will return in the upcoming weeks, the laboratory requests that you stay home for three days upon your return to see if flu symptoms materialize. Employees should contact their division/section/center heads to explain the reason for their absence and to discuss possible arrangements for continuing to work remotely.

Anyone experiencing symptoms consistent with the flu, or people who were exposed to someone possibly infected with the flu, should promptly notify their personal medical provider. Employees and experimenters should also notify Fermilab's Medical Department (x3232, Wilson Hall ground floor west) of their condition and in the event they have a confirmed case of H1N1 influenza (swine flu).

Here are the generally accepted symptoms of the flu.

- Fever: Usually 102F to 104F; usually lasts three to four days
- Headache: Sudden onset and can be severe
- Muscle aches: Usual and often severe
- Tiredness and weakness: Extreme; can last two or more weeks
- Extreme exhaustion: Sudden onset and severe
- Runny nose, sneezing, sore throat: Sometimes
- Cough: Usual; can be severe

Remember that the most important measures you can take to prevent infection are thorough and frequent hand washing; minimizing close contact with others; covering coughs and sneezes; avoiding touching your eyes, nose, and mouth; properly disposing of tissues; and you and family members staying home when ill. For more information visit the [ES&H homepage](#).

We are aware of the potential impact of school closings on our staff and of the need to take care of children exhibiting flu symptoms. We

Fermilab Press Release

Officials break ground for the world's most advanced neutrino experiment

A rendering of the future NOvA detector facility on the Ash River site. *Rendering by Holabird & Root.*


Ash River, Minn. – Construction begins this month on a cutting-edge physics laboratory in northern Minnesota, supported by the American Recovery and Reinvestment Act. Congressman James Oberstar of Minnesota and Congressman Bill Foster of Illinois today (May 1) are joining officials from the U.S. Department of Energy, Fermi National Accelerator Laboratory and the University of Minnesota to break ground for NOvA, the world's most advanced neutrino experiment.

"This project is part of a bold, visionary initiative which will have profound implications for our understanding of the structure and evolution of the universe," Congressman Oberstar said. "The billion-year-old rock formations in Northeast Minnesota are helping researchers unlock mysteries of the origins of the universe."

The DOE Office of Science has provided \$40.1 million in Recovery Act funding for the construction project. It will provide an additional \$9.9 million in Recovery Act funding to Fermilab, which manages the project, for purchasing key high-tech components for the project from U.S. companies, enabling those firms to retain and hire workers.

Community members also are gathering in nearby Orr, Minn., for a public presentation about the project and its impact on the local community.

The NOvA project will construct the NuMI Off-Axis Electron Neutrino Appearance (NOvA) detector facility, a laboratory of the University of Minnesota's School of Physics and

 Chance of showers
62°/43°

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

[Current Security Status](#)

[Secon Level 3](#)

[Wilson Hall Cafe](#)

Friday, May 1

- Old fashioned ham & bean
- Philly style chicken
- Chicken pot pie
- Smart cuisine: Baked fish over rice
- Roasted veggie & provolone panini
- Assorted sliced pizza
- Baked potatoes

*Carb restricted alternative

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

Wednesday, May 6

Lunch

- Smoky bacon and blue cheese
- Chicken salad pitas
- Apple walnut salad
- Lemon blueberry pound cake

Thursday, May 7

Dinner

- Goat cheese salad w/ hazelnut dressing
- Spiced stuffed pork roast w/ apple & thyme cream sauce
- Mashed potatoes
- Carrots & broccoli
- Toffee pecan nutmeg cake

[Chez Leon Menu](#)

Call x3524 to make your reservation.

[Archives](#)

are monitoring this situation closely and are reviewing the issues as we develop our response to this matter.

Fermilab is also working with local health officials to ensure we are knowledgeable of and help implement Public Health policy to insure the safety and health of all employees and users. We will provide updates on an as-needed base.

[In the News](#)

The 2009 TIME 100: Steven Chu

From *TIME*, April 29, 2009

Editor's Note: Energy Secretary Steven Chu was chosen as one of *TIME*'s 2009 top 100 most influential people in the category of scientists and thinkers. An excerpt from environmentalist Bill McKibben's explanation of Chu's listing is below.



Steven Chu

One of the hardest things about being a scientist may be learning how not to sound like one. Steven Chu has mastered the skill — and that's good for all of us. America's newly installed Secretary of Energy, Chu, 61, won the Nobel Prize in 1997 for his esoteric studies in physics, but he has also focused his energies on studying biology down at the molecular level.

Perhaps Chu's greatest impact, however, has been in the area of energy. Long a vocal advocate of weaning the U.S. from its dependence on fossil fuels, he was picked by President Barack Obama for both his ability and his candor. With the future of the earth's climate dependent on rethinking the ways we consume energy, both skills will be needed in equal measure, but it's the candor part that might be the most refreshing.

[Read more](#)

[Special Announcement](#)

Astronomy, near the Ash River, about 40 miles southeast of International Falls. The lab will house a 15,000-ton particle detector that will investigate the role of subatomic particles called neutrinos in the origin of the universe.

[Read more](#)

[LHC Update](#)

Final LHC magnet goes underground



A replacement LHC magnet being lowered into the tunnel. *Image courtesy of CERN*

The 53rd and final replacement magnet for CERN's Large Hadron Collider (LHC) was lowered into the accelerator's tunnel April 30, 2009, marking the end of repair work above ground following the incident in September last year that brought LHC operations to a halt. Underground, the magnets are being interconnected, and new systems installed to prevent similar incidents happening again. The LHC is scheduled to restart in the autumn, and to run continuously until sufficient data have been accumulated for the LHC experiments to announce their first results.

[Read more](#)

[Announcements](#)

Latest Announcements

[NALWO - Brown Bag Lunch - Chinese Pottery](#)

[Village power outage - May 2](#)

[Distracted driving seminar - A traffic safety subcommittee event today](#)

[NALWO - spring tea today](#)

[May 22 deadline for The University of Chicago Tuition Remission Program](#)

[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[ILC NewsLine](#)[Info](#)

Fermilab Today is online at:
www.fnal.gov/today/

Send comments and suggestions to:
today@fnal.gov

Pigs are phishing

There have been a number of malicious e-mails reported that take advantage of people's concerns about the 2009 H1N1 influenza, the "swine" flu that's currently in the news. Remember not to open attachments from anyone you don't know, including organizations that claim to offer medical advice. It's easy to falsify e-mail to make it appear to come from anyone, including legitimate places like the Center for Disease Control or other health organizations.

These e-mails may contain a link for you to click on. Do not do this unless you are sure that the message came from a valid source. If you want medical advice, navigate directly to the Web site by using a bookmark that you've used before or by typing the site's URL directly into your browser. If you use Google to locate a Web site, remember that Google has no way of differentiating legitimate sites from malicious sites. Make sure to examine the URL to make sure it looks correct before you visit.

Special Announcement

John Plese talks tonight on NC17 about bison, calves



A bison calf and its mother.

Fermilab bison herder John Plese explains about the herd and the two week-old calves during an interview on Naperville Television Channel 17, which broadcasts online and to homes in Naperville and parts of Aurora. The interview is part of the segment "Naperville Connection" and airs at 6 p.m. Friday. The story will repeat on television and at NCTV17.com for the next seven days at 7:30 a.m., noon, 6 p.m., 9 p.m. 11 p.m. and 1:30 a.m. The Fermilab segment is toward the end of the one-hour program.

[Angels & Demons Lecture Night: The Science Revealed May 21](#)

[Susan Werner - singer/songwriter Performs on Arts Series June 13](#)

[Science Adventures for children](#)

[Registration for Users' Meeting now open](#)

[English country dancing, May 3](#)

[Word 2007: New Features class May 5](#)

[Excel 2007: New Features class May 7](#)

[National Day of Prayer observance May 7](#)

[Best of Dance Chicago - Fermilab Arts Series - May 9](#)

[Rapid Hardware Prototyping and Industrial Control Application Development seminar May 13](#)

[Co-ed softball season begins May 13](#)

[Argentine Tango classes through May 13](#)

[Summer co-ed volleyball league begins June 1](#)

[Discounted rates at Grand Geneva Resort, Lake Geneva, WI](#)

[Conflict Management and Negotiation Skills class June 3 and 10](#)

[Discount tickets to "1964"...Beatles tribute - June 6](#)

[SciTech summer camps](#)

[Additional Activities](#)

[Submit an announcement](#)

Classifieds

Find new [classified ads](#) on *Fermilab Today*.

