

Calendar

Have a safe day!

Friday, May 22

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Joint Experimental-Theoretical](#)

[Physics Seminar](#) - One West

Speaker: Eva Halkiadakis,

Rutgers University

Title: Direct Measurement of

the W Production Charge

Asymmetry at CDF

Monday, May 25

Holiday - Memorial Day

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

Weather



Sunny
72°/53°

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

Secon Level 3

Wilson Hall Cafe

Friday, May 22

- New England clam chowder

- Black & blue cheeseburger

- Tuna casserole

-Smart Cuisine: Dijon

meatballs over noodles

- Bistro chicken & provolone

panini

- Assorted sliced pizza

- *Carved top round of beef

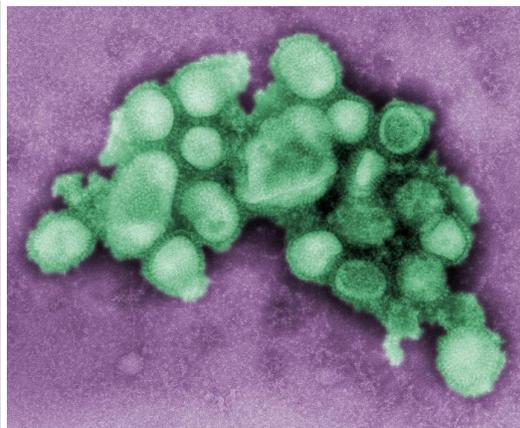
*Carb restricted alternative

[Wilson Hall Cafe Menu](#)

Chez Leon

Feature

H1N1 flu precautions still needed at work, home



Negative stain EM image of the swine influenza A/CA/4/09. Image courtesy of C. S. Goldsmith and A. Balish, CDCM.

Although much of the initial fear regarding the H1N1, or swine, flu has subsided, you should continue to take precautions to keep your family and coworkers well.

H1N1 confirmation kits have been distributed to state laboratories, resulting in a surge in case confirmations during the past weeks.

As of Thursday, the U.S. has 5,764 confirmed and probable cases. There have been nine flu-related deaths in the U.S. In the majority, if not all these cases, there were preexisting issues that complicated the clinical course. The Centers for Disease Control has developed [maps](#) characterizing flu activity state by state.

Illinois appears to have a large proportion of the confirmed cases, which are localized within the Chicago region.

Internationally, Japan also has seen an increase in cases. As of Thursday, cases had risen from 4 to 159, according to the World Health Organization.

The emerging pattern suggests that people under 20 are more likely to fall ill. This has led to some clustering of cases in schools.

Explanations range from poorer hygiene in this group to some increased susceptibility.

What does it all mean? We have a novel virus in the worldwide environment. Many people, especially young people, are susceptible to this flu. It is transmitted the same way as

From iSGTW

A side of cloud with your grid, ma'am?



Belle II co-spokesman Masanori Yamauchi (left) with 2008 Nobel Prize winner in physics Makoto Kobayashi. Image courtesy of Belle II.

As the cloud becomes a more popular computing solution in the commercial world, it is starting to pique the interest of the academic research community. Collaborators of the [Belle II](#) experiment at the High Energy Accelerator Research Organization, known as [KEK](#), in Japan are considering supplementing their computing with Amazon's Elastic Compute Cloud ([EC2](#)), which provides on-demand, virtual computing resources over the Internet.

The KEKB particle accelerator produces a more densely-packed, intense beam than any currently operating collider, and an upgrade to the machine in 2013 is expected to increase the intensity by a factor of 50. The new Belle II detector will come online at the same time equipped to handle the estimated hundred-fold increase in data — expected to total 40 petabytes per year. This load will require more than 100,000 CPU cores, leading the collaboration to consider new computing options, said Martin Sevier, a KEK collaborator based at the [University of Melbourne](#) in Australia.

Sevier and his colleagues ran the complete Belle simulated data analysis chain on EC2 to test it, and found it easy to deploy jobs. They created an Amazon Machine Image (AMI), a computing environment customized to contain both the Scientific Linux operating system and applications for the Belle analysis system. Each AMI contains eight CPU cores —

Wednesday, May 27

Lunch

- BBQ ribs
- Baked beans
- Cole slaw
- Black bottom banana cream pie

Thursday, May 28

- Closed

[Chez Leon Menu](#)

Call x3524 to make your reservation.

Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[ILC NewsLine](#)

Info

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Send comments and suggestions to: today@fnal.gov

Visit the Fermilab [home page](#)

seasonal flu. Those with symptoms similar to the flu should contact their physicians and not return to the workplace for at least seven days or until symptom free. If you need help in deciding what may have you feeling ill, the Medical Office can help.

We all need to stay diligent in terms of hand washing and cough etiquette, including using a tissue or the crease of your elbow to contain a cough. Employees who have family members with flu symptoms or a confirmed case should practice social distancing of at least three feet at home and at work. You should not travel while experiencing flu-like symptoms, both to limit the spread of an illness and to avoid being detained because foreign airports have enacted screening to help contain flu.

Although H1N1 has not turned out to be as menacing as feared, we cannot become complacent because, just as with the seasonal flu, it can keep one or more of us out of the "game," be that work, family activities or vacation.

For more information, please see Fermilab's Influenza [Q&A Web page](#). A [flu questions form](#) also allows employees and users to submit questions related to the H1N1 influenza.

-- Dr. Brian Svazas

Press Release

Senate Confirms DOE Nominees Daniel Poneman, David Sandalow, Kristina Johnson, Steve Koonin, Scott Harris, and Ines Triay

From *U.S. Department of Energy*, May 21, 2009

This week, the Senate confirmed six DOE nominees, including Deputy Secretary Daniel Poneman, Under Secretary for Energy Kristina Johnson, and Under Secretary for Science Steven Koonin. Also confirmed this week were Scott Blake Harris, General Counsel; David Sandalow, Assistant Secretary for Policy and International Affairs; and Ines Triay, Assistant Secretary for Environmental Management.

Secretary Chu said, "We are fortunate to have such talented and dedicated leaders joining our team at the Department of Energy. The Department has set aggressive goals for creating green jobs, addressing our climate crisis and putting the country on a path to

imagine eight PCs — and can be duplicated 20 times, creating a virtual 160-core cluster. To lower costs, the team set up an automation system that duplicates the AMI on demand and shuts down instances of it as need drops.

[Read More](#)

Correction

Correction

The profile on the University of Rochester in Thursday's issue of *Fermilab Today*, mistakenly omitted the Department of Energy as a Rochester funding agency. *Fermilab Today* staff members regret the error.

Special Announcement

Pool membership drive underway

The Recreation Department will sell [pool memberships](#) today in the Village at the Recreation Center between 11:30 a.m. and 1 p.m. You may also purchase membership at the Recreation Office in Wilson Hall from 8:30 a.m.- 4 p.m. Single membership \$80, family membership (2-4 members) \$180 with additional family members \$10 each. Children 2 and under are free. Children's swim lesson information will also be available.

Announcements

Latest Announcements

[Weekly Time Sheets due today](#)

[Film Society looking for new members](#)

[Users Office closed today and May 27](#)

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

[NALWO - Brown Bag Lunch - Chinese Pottery - May 26](#)

[Are you Fit to a T? - May 27](#)

[Nanotechnology Lecture: Crafting of Self-Assembling Materials for Medicine & Energy - Fermilab Lecture Series - May 29](#)

[Microsoft Office 2007 help at the Library](#)

[Science Adventures for children](#)

energy independence, and these confirmations are an important step toward reaching those goals.”

[Read more](#)

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

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

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

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

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

[Susan Werner - singer/songwriter performs on Arts Series](#)

[SciTech summer camps](#)

[Recreation Department announces Club & League Fair drawing winners](#)

[Process piping \(ASME B31.3\) class offered in October](#)

[Concerned about H1N1? Ask a question](#)

[Additional Activities](#)

[Submit an announcement](#)

Classifieds

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