

## Calendar

[Have a safe day!](#)

Tuesday, Jan. 5  
3:30 p.m.  
DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
THERE WILL BE NO  
ACCELERATOR PHYSICS  
AND TECHNOLOGY  
SEMINAR TODAY

Wednesday, Jan. 6  
3:30 p.m.  
DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.  
Fermilab Colloquium - One  
West  
Speaker: Sarah Eno,  
University of Maryland  
Title: Results from the Large  
Hadron Collider (In conjunction  
with CMS EJTERM Week)

[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



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

Current Security  
Status

## In Memoriam

**Jim Tweed remembered as  
skilled technician**

Jim Tweed

If you needed something  
built and a little levity to  
make the day pass faster,  
you wanted Jim Tweed.

The PPD senior  
mechanical technician,  
who passed away Dec. 24,  
had a reputation as a  
versatile, hard worker who  
took pride in growing his  
skills, the laboratory's mission and its sense of  
community.

"He was really into learning new things in life  
and in his career," said Ken Schultz, PPD  
Mechanical Division project manager. "He was  
meticulous in his work and he brought a lot of  
fun and enjoyment to the job, even when you  
called him in at all hours of the night."

Tweed was the first to volunteer to take shifts  
so co-workers could attend family events and  
one of the last to brag about his nearly 30  
years of work.

[Read more](#)

## In Memoriam

**Morris Binkley leaves mark on  
CDF, laboratory**

Morris Binkley (left)  
receives his 30-year  
service award in 2003  
from Ken Stanfield.

Morris Binkley, who  
helped build CDF into  
a world-leading  
detector, passed away  
during the holiday  
period.

Binkley retired in July  
2005, but that didn't  
diminish his passion  
for physics or his  
commitment to  
Fermilab. He  
continued to work as a  
visiting scientist and  
carry a pager to offer  
guidance on  
emergency repairs.

## Director's Corner

**The start of a new year**

Fermilab Director Pier Oddone

We start the new year on a solid foundation.  
Despite many nagging hardware problems at  
the start of the current accelerator run, the  
accelerator performance over the last three  
months has been extraordinary, especially in  
recent days. A special kudos is due to all  
those who worked indefatigably over the  
holidays to run the accelerators at peak rates.

The new year promises to be a critically  
important year for particle physics. The  
Fermilab Tevatron and neutrino programs will  
continue to integrate data samples that could  
lead to discoveries or important limits. We will  
have the first collisions of the LHC at 7 TeV,  
significantly above Tevatron energies. In a  
new territory like this, surprises could turn up  
even at the low early luminosities. JPARC is  
on the verge of sending a neutrino beam to  
Super Kamiokande thus starting the T2K  
program and the measurement of neutrino  
oscillation parameters with good sensitivity at  
the design intensity to the parameter that  
describes electron appearance. Reactor  
neutrino experiments are progressing well with  
new results expected in one to two years.  
These results will be critical for our own  
neutrino program. The tau-charm factory in  
Beijing is integrating an unprecedented large  
sample of events. On the astrophysics front,  
we expect new results in dark matter  
searches, a very hot topic these days. Very  
importantly, the Decadal Survey will establish  
astrophysics priorities for the next decade.

Not only do we expect rich results, but we also  
expect a lot of progress in the construction of  
new projects. Minerva is nearly complete, DES  
is moving forward forcefully and NOvA is  
advancing well. Longer-term initiatives like

[Secon Level 3](#)[Wilson Hall Cafe](#)

Tuesday, Jan. 5

- Breakfast: Bagel sandwich
- Tomato bisque soup
- Lemon pepper club
- Beef fajitas
- Korean garlic chicken
- Grilled chicken Caesar salad
- Assorted sliced pizza
- Rio Grande taco salad

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

Wednesday, Jan. 6

Lunch

- Pork satay w/ peanut sauce
- Steamed jasmine rice
- Sautéed pea pods
- Coconut cake w/ caramel sauce

Thursday, Jan. 7

Dinner

- Wild rice & mushroom soup
- Mustard, sage & maple glazed pork roast
- Garlic roasted potatoes
- Sweet & sour red cabbage
- Apple charlottes

[Chez Leon Menu](#)

Call x3524 to make your reservation.

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"Morris was one of the cornerstones of CDF, participating since its early days. He contributed to all facets of the experiment, from detector design and construction to participation in the analysis for the discovery of the top quark," said CDF co-spokesman Rob Roser. "He was a very likeable guy that everyone enjoyed working with and being around. He will be sorely missed by his CDF colleagues and by the High-Energy Physics community."

[Read more](#)[Special Announcement](#)**New Illinois ban on texting while driving**

A new ban on driving while texting took effect on Jan. 1 for drivers in Illinois. Under the new law, motorists who text or e-mail while driving could receive a ticket for doing so. Fermilab security will enforce this policy.

[In the News](#)**U.K. physicists cry foul at major budget cuts**

From *Science*, Jan. 1, 2010

It's not been a festive time for many U.K. physicists following the mid-December announcement of a 5-year funding plan for the Science and Technology Facilities Council (STFC), the British body responsible for particle physics, astronomy, nuclear physics, and space science. Administrative changes and the ravages of the economy have left the council with a gaping hole in its finances, so researchers braced for cuts and even offered advice on how to make them. Although the STFC tried to spread the losses fairly, nuclear physics was pared to the bone, with just £30 million for the next 5 years. This amounts to a cut of 29 percent over that period, according to nuclear physicist William Gelletly of the University of Surrey. "If the U.K. is serious about nuclear new build and maintaining high standards in nuclear medicine, ... then it should take a very hard look at how much it should be spending on nuclear physics," he says.

[Read more](#)

Mu2e, which has received CD-0, and LBNE, which we believe is about to receive CD-0, are major projects that will draw strong national and international participation. The Project X collaboration is growing with interesting improvements to the design. ILC continues to make progress worldwide, and we will have a muon collider R&D program for machines that might be needed if ILC energies are not sufficient. Even the experiments that are not currently on the roadmap, like the g-2 experiment or the proposed measurement of the ultra-rare kaon decay process,  $K^+ \rightarrow \pi^+ \nu$  anti- $\nu$  (proposal P996) using the Tevatron as a stretcher, are world-class experiments with strong collaborations pushing to move them onto the roadmap. 2010 will be a busy and exciting year!

[Accelerator Update](#)

Dec. 21 to Jan. 4

- 18 stores provided ~256.25 hours of luminosity
- Pelletron autotune problem fixed
- Pbar cooling system PLC repaired
- Pbar lithium lens trips
- Store 7463 quenched
- Store 7468 established with AIL of 306.7E30
- Store 7470 quenched

\* The integrated luminosity for the period from 12/21/09 to 1/4/10 was 122.1 inverse picobarns. NuMI reported receiving 17.37E18 protons on target during this same period.

[Read the Current Accelerator Update](#)[Read the Early Bird Report](#)[View the Tevatron Luminosity Charts](#)[Announcements](#)[Muscle Toning classes begin Jan. 5](#)[Yoga classes begins Jan. 12](#)[Atrium events - book through Office of Communication](#)[Martial Arts classes began Jan. 4](#)[International folk dancing meets Jan. 7](#)[East gate closed 1-5 a.m.](#)[Fermilab Management Practices seminar beginning Feb. 11](#)[Python Programming class offered](#)

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