

Calendar

Monday, January 24

2:30 p.m. Particle Astrophysics Seminar - Curia II

Speaker: C-W. Yip, University of Pittsburg
Title: Spectral Decompositions of SDSS Quasar by the Karhunen-Loève Transform

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting - Curia II

Special Topic: Tevatron BPM Upgrade

Tuesday, January 25

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Weather



Partly Cloudy **31°/21°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

MINOS Sees Neutrinos In Near Detector



NuMI MINOS celebration of first neutrino events in MINOS near detector ([Click on image for larger version.](#))

On Friday, January 21, at 2:19 p.m., MINOS collaborators recorded the first interactions of neutrinos in the experiment's "near" detector on the Fermilab site. Friday's achievement was a major milestone, made all the more remarkable because experimenters saw neutrinos in the detector immediately after turning on the NuMI "horns," the electronic devices that focus the particle beam.

"Things went extremely well," said Greg Bock, NuMI project manager. "This was our first-ever run with both the target that produces pions that decay into neutrinos AND the focusing horns turned on. Not only that, the beamline physicists sent beam to the NuMI production target on the first try."

The mood was jubilant at an early-evening celebration in the MINOS control room on Friday. "I've been on many experiments, and this is the smoothest start-up that I've ever seen," said MINOS Project Manager Gina Rameika. "Of course, this is the first one that's taken ten

Safety Tip of the Week



Winter Heart Attacks

According to a report from the American College of Cardiology released last fall, the number of heart attacks peaks during the winter months. In fact, there were 53% more heart attacks in the winter than in the summer. January was worst with more than twice the number of heart attacks in July. Not only were winter attacks more frequent, they were also more severe. Overall, one-third more deaths occurred in winter than in summer. These patterns appeared in both men and women, and across different age groups.

In cold weather, arteries constrict to conserve body heat. This increases blood pressure, which places an additional strain on the heart. People also tend to exercise less when it's cold outside. If heavy outdoor work is required, such as snow shoveling, the heart may not be able to accommodate the extra workload.

Heart attacks generally occur when blood platelets form a clot on arterial plaque. In cold weather, platelets appear to become more active and stickier. Some studies have even shown that cholesterol levels associated with plaque formation rise in winter. Respiratory illnesses may also

Monday, January 24

Potato Au Gratin

Monte Cristo \$4.75

Savory Roasted Chicken Quarters \$3.75

Lasagna Bolognese \$3.75

Chicken Ranch Wrapper \$4.75

Assorted Pizza Slices \$2.75

Szechuan Style Pork Lo Mein \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) will be closed through January and February

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years to prepare for."

Press Release: Fermilab Allows Additional Public Access to the Site



Officials at Fermilab announced that the laboratory is allowing additional public access to the site as of Monday, January 24. The Department of Energy had ordered the closing of the laboratory to most visitors as a security measure following the terrorist attacks on the U.S. on September 11, 2001.

"I believe that these changes will make our site more welcoming to our neighbors and other visitors without compromising Fermilab's security," said laboratory director Michael S. Witherell.

Joanna Livengood, Acting Manager of the DOE Fermi Site Office, offered that "security continues to remain a high priority at Fermilab. Through a joint effort between the DOE and Fermilab, we have adjusted our security measures to allow additional community access to the site without compromising security to the laboratory facilities."

[read more](#)

Accelerator Update

play a role because the inflammation associated with infection increases the risk of clot formation.

Finally, depression often occurs in winter because of reduced sunlight. Studies have indicated that people with depression are more susceptible to heart attacks. Here are some suggestions to minimize your risk of winter heart attacks.

- Stick to your exercise plan.
- Don't ignore symptoms.
- Know your limits and do not exceed them.
- Take your medications.
- Get enough sleep.
- Control spread of infection.

Have a great day and let's work safely all week!

[Safety Tip of the Week Archive](#)

Announcements

Computing Division Safety Stand-down

The Computing Division will be holding a Safety Stand-down today, Monday, 1/24, from 9:00 a.m. to 11:45 a.m. During this time, members of the Computing Division will put aside regular activities to consider how best to further advance the Division's safety program. Those needing computing assistance will be able to leave messages in the usual way (Help Desk, x2345, etc.) with a response given once activities resume at 11:45 am. The usual emergency assistance and support for 24x7 systems will remain in place.

Upcoming Classes

January 25 & 26: Behavioral Interviewing (Talent Selection) two half-days.

[more information](#)

January 19-January 21

- During the last 48 hours operations established one store that, combined with an existing store, provided the experiments with approximately 19 hours and 25 minutes of luminosity
- The I- Source operations were troubled by a dirty water-resistor
- The TeV lost two stores due to aborts
- NTF treated its first patient on Thursday
- NuMI received permission to operate on Thursday. It will take its first beam on Friday

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

In the News

FYI: AIP Bulletin of Science Policy News, January 24, 2005

Smooth Sailing for Energy Secretary-Designate Bodman

One day before the inauguration of President Bush, Samuel Bodman was on Capitol Hill for his confirmation hearing before the Senate



Committee on Energy and Natural Resources. Bodman, currently Deputy

Secretary of the Treasury, has been nominated by President Bush to become the new secretary of the Department of Energy

[read more](#)

Symmetry Online Subscription

To receive an email this week with links to all stories of the February issue of *symmetry*, please sign up for the [electronic notification](#). Hard copies of the new issue of *symmetry* will be distributed the following day.

January PC Manager Meeting The next PC Manager Meeting will be on Wednesday, January 26, from 9 to 10 a.m. in WH8X (Hornets Nest).

Agenda:

- Announcements and Updates (Jack Schmidt)
- FNAL Training Information (Sara Webber)
- Phishing with Joe: Spyware 101 (Joe Klemencic - main talk!)
- Experiences with the Microsoft AntiSpyware Tool (Andy Lego)

Scottish Country Dancing

Scottish Country Dancing will be held at 7:30 p.m., Tuesday, January 25, at the Geneva American Legion Post. Info at 630-584-0825 or 630-840-8194 or folkdance@fnal.gov.

Upcoming Activities