

Calendar

Wednesday, Dec. 5

THERE WILL BE NO FERMILAB ILC R&D MEETING THIS WEEK

3:30 p.m.

DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

4 p.m.

[Fermilab Colloquium](#) - One

West

Speaker: C. Quigg, Fermilab

Title: Mass

Thursday, Dec. 6

11 a.m.

[Theoretical Physics Seminar](#) -

Curia II (NOTE TIME)

Speaker: M. Quirós, IFAE

Barcelona

Title: Hidden Sector Effects on Electroweak Symmetry

Breaking

1 p.m.

CANCELLED: [ALCPG ILC Physics and Detector Seminar](#)

- West Wing, WH-10NW

Speaker: N. Graf, Stanford

Linear Accelerator Center

Title: Reconstruction Issues for the SiD Simulations

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.

Weather



Snow 28°/8°

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

Special Announcement

Winter's here!

Use extra caution

On this snowy day:

- Drive slowly. Leave extra time and distance to brake.
- Be sure of your footing when you get out of your car.
- Walk slowly and take small steps.

We are likely to have dangerous icing conditions in walkways and parking lots today, tonight and tomorrow morning. The ground temperature under the snow was warm enough overnight to keep the first layer of snow warm and slushy. When snow plows scrape the pavement, the wet layer left at the surface freezes quickly in the cold. The temperatures are expected to drop all day today and tonight's low is expected to be in the single digits. These cold temps will make deicing materials ineffective. In places that we can not get salt to, such as in between parked cars, dangerous icing will result. Employees should exercise extreme caution while walking on paved surfaces during these conditions.

Feature

Nancy Grossman leads NOvA through review process

Fermilab's NOvA project has reached an important moment: If the NOvA team is able to garner the support of its external reviewers, the project could receive construction money as early as February. If anyone has the right combination of skills to make NOvA's case, it is Nancy Grossman.



Nancy Grossman

In January, Grossman became the associate project manager for NOvA. She was project manager for SNUMI, and when that project merged with NOvA, she was selected for this leadership position.

From the Accelerator Physics Center

Toward the intensity frontier

Today's column is written by Robert Webber, APC/HINS department head



APC/HINS department head Bob Webber stands in front of the 325 Mhz klystron used in the HINS program.

Fermilab's Steering Group has developed a plan to keep the laboratory at the frontier of scientific discovery should construction of the International Linear Collider be delayed. The plan calls for building Project X, a powerful proton beam facility for experiments at the intensity frontier. An R&D program currently underway -- the High Intensity Neutrino Source program -- could give Project X a big boost, especially in the first 50 meters of the linear accelerator, where the acceleration process begins.

The two-year old HINS collaboration, comprising Fermilab's TD, PPD, AD and APC, together with Argonne, Berkeley and Brookhaven Laboratories, has conducted a R&D effort to develop never-done-before accelerator designs and technologies for intense proton beams. The HINS linac design has required the development of ground-breaking approaches, including use of superconducting, spoke-type accelerating cavities for low-energy acceleration and superconducting solenoid magnets for tighter beam focusing, technologies never previously used in a high-intensity machine. Construction and commissioning of these accelerator components that might serve as the front-end of the Project X linac are proceeding well in the Meson Building.

[Read more](#)

[Secon Level 3](#)**Wilson Hall Cafe****Wednesday, Dec. 5**

- Vegetable beef
- Fish & chips
- Smart cuisine: grill salmon
- Country fried steak w/pepper gravy
- Beef & cheddar panini w/ sauteed onions
- Assorted slice pizza
- Cavatappi pasta w/Italian sausage & tomato ragu

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, Dec. 5****Lunch**

- Seafood cannelloni
- Caesar salad
- Chocolate espresso parfait

Thursday, Dec. 6**Dinner**

- Pasta carbonnada
- Veal saltimbocca
- Sautéed spinach and pine nuts w/lemon zest
- Hazelnut & pear soufflé

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives[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

"Nancy is a very organized and insightful project manager," said Elaine McCluskey, the Accelerator and NuMI Upgrades Subproject's deputy manager. "She brings not only her technical experience (to the project), but the necessary 'soft' skills that use humor, listening and communication to meld a group and get tasks accomplished."

During October, Grossman was in the midst of the project's DOE Critical Decision 2 Review. CD-2 is the third of five steps that have to be met for a DOE project to proceed and use approved funds. Grossman's strong history at Fermilab and her positive attitude are aiding her through NOvA reviews, but she also credits her team for keeping her going. "The people on the team are so good," she said. "They help me stay upbeat."

Grossman began her work at Fermilab in 1983 as a graduate student. She was studying solid state physics at the University of Minnesota when Fermilab's High Energy Group recruited her. They flew her to the laboratory that summer and gave her the grand tour.

"It must have been during a shutdown because I got to see several installed detectors," she said. "I saw the buffalo, the geese, the huge detectors -- I was hooked."

Grossman has a strong history of making projects work. She has a background in radiation physics and safety, five years of shift work on E621 and DZero and management experience on MINERvA and NuMI.

When NuMI/MINOS was just starting up in 1998, Grossman joined the team as a level 3 manager. Later she was promoted to deputy project manager on the beamline. Grossman said in this job, all of her previous experiences came together. Thanks to her work in the ES&H Section as a radiation physicist, she was already familiar with the beamline's safety aspects. Grossman added that her previous experience working with DOE officials and scientists helped her when she worked on NuMI and will continue to help her as she advocates for NOvA.

-- *Haley Bridger*

In the News**Special Announcement****Update of job descriptions for IT/Computing professionals**

On Jan. 1, 2008, new job titles and job descriptions will take effect for all of the approximately 300 IT/Computing professionals across Fermilab divisions and sections. As Director Pier Oddone explained in a letter to these employees in November, these changes are the result of a review conducted by the Compensation Group and an advisory committee. The review, which takes place every five years and is required by DOE, has identified 53 job descriptions within 11 sub-disciplines. More information on the process that led to these recommendations is in this [PowerPoint presentation](#).

Beginning Dec. 12, the Fermilab Compensation Group will offer Q&A sessions to discuss the upcoming changes. The dates and times will be posted in the *Fermilab Today* announcements next week.

Milestones**New hires**

New hires Nov. 28 - Dec. 3

- Kevin Duel - engineer - AD

Safety Update**ES&H weekly report, Dec. 4**

This week's safety report, compiled by the Fermilab ES&H section, includes no reportable cases. Fermilab has now worked 60 days since its last OSHA recordable injury. The full report is [here](#).

[Safety report archive](#)

Announcements

The waltz of the endcaps

From *CMS Times*, Dec. 3, 2007

The huge hangar of the CMS surface hall is an unlikely setting for a grand ball, except perhaps if those dancing are 15m diameter endcap disks. The three segments of CMS that are still on the surface (known as YE-1, YE-2 and YE-3) were last week rotating and sliding past each other so as to end up in the reverse order from how they started.

But the reason for this merry dance is far from frivolous. The endcaps are some of the last elements to be installed underground and the changing of order will save time by allowing work to continue in parallel in the pit whilst they are lowered. "We gain a logistic advantage this way," says Technical Coordinator Austin Ball: "Otherwise the nose of the endcap nearest the centre, YE-1, would poke into the central barrel, preventing us from installing the tracker until all three were in place. This way, however, the work can be done in parallel rather than in series; we can lower all three, starting with YE-3, without removing the scaffolding or stopping work."

[Read More](#)

[Have a safe day!](#)

Dec. 14 deadline for The University of Chicago Tuition Remission Program

The deadline for applying for the tuition remission program at The University of Chicago for the Winter 2008 quarter is Dec. 14. [More information and enrollment forms.](#) Contact Nicole Gee at x3697 with any questions.

Paging network to migrate this week

Today, Dec. 5, the laboratory's onsite paging network will begin transitioning to a narrowband standard as prescribed by the DOE. The migration will be completed on Dec. 6. All employees who purchased the newer Motorola Minitor V pager need to bring their pagers to a designated [location](#) for a brief reconfiguration. Pagers that are not reprogrammed will not function reliably following completion of the migration. Older laboratory pager models are considered noncompliant and must be turned in to Telecommunications, WH-5W. Questions or concerns may be directed to x5411 or telecom@fnal.gov.

Holiday Book Fair today

The Recreation Office sponsored Holiday Book Fair, hosted by Imagine Nation Books, LTD, will be in the Atrium on Tuesday, Dec. 4, from 10 a.m. until 6 p.m. and Wednesday, Dec. 5, from 7 a.m. until 3 p.m. A selection of hard cover books will be offered at 70 percent off retail prices. The fair features more than 200 titles and includes cookbooks, bestsellers, general information, inspirational and children's books. They also offer photo albums, cards and gift items. Cash, personal check, and major credit cards are accepted. A portion of the proceeds subsidizes some of our recreation programs. The Recreation Office thanks you for your participation.

Education Office holiday sale today

The Education Office will host its annual holiday sale Dec. 4-6, from 11 a.m. to 1:30 p.m., outside One West in Wilson Hall.

[Additional Activities](#)