

Calendar

Tuesday, May 16

11:00 a.m. Academic Lecture Series - Curia II

Speaker: D. Green, Fermilab

Title: High-pt Hadron Collider Physics - Course 8 (3rd Lecture)

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr Crossover

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Wednesday, May 17

11:00 a.m. Fermilab ILC R&D Meeting - Curia II (note location)

Speaker: M. Foley, Fermilab

Title: Cavity Fabrication

Speaker: A. Rowe, Fermilab

Title: Buffer Chemical Process

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. Fermilab Colloquium - 1 West

Speaker: M. Baden, MD

Title: How Long has Grandpa Been Dead and Other Forensic Mysteries

[Click here](#) for links to descriptions of each event.

Weather



Mostly Cloudy **61°/48°**

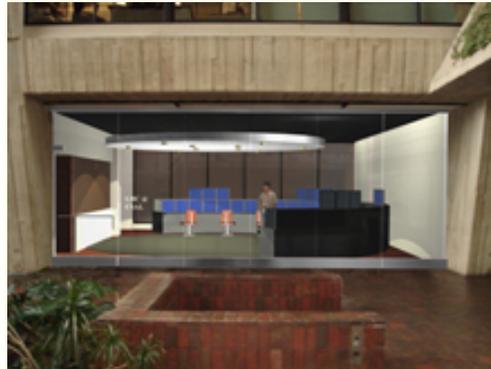
[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

LHC@FNAL Operations Center comes to Wilson Hall



Construction on the new LHC@FNAL Remote Operations Center will begin in June. (Click image for larger version.)

This summer, the first floor of Wilson Hall will have a new tenant. Wedged between the cafeteria and the Public Affairs Office, in the area that currently houses One East and the Quantum Universe exhibit, will be the LHC@FNAL Remote Operations Center. The new center will allow Fermilab physicists to monitor the accelerator and help operate the CMS detector at the LHC, and communicate with CERN operators 4,000 miles away. "One East will be pretty much preserved as it is so we can use it for video conferences between Fermilab and CERN," said LHC@FNAL task force member Erik Gottschalk. "And the area where the Quantum Universe exhibit is now will become the operations center."

Consoles in the operations center will form a semi-circle facing the prairie, with glass walls on the east and west sides. A large part of the north wall will be knocked out for a massive window between the consoles and the conference room. "That way, if something interesting happens in the

Director's Corner

Reviews

Thinking about today's column, it was impossible not to write about reviews. By Friday of this week, we will have had nine days of reviews in the span of ten working days. It is a heavy review season with the URA Visiting Committee, the



Pier Oddone

Accelerator Advisory Committee and the DOE Program Review holding their meetings back to back. It reminds me of a story told of a gardener with a better theory of gardening: to check the health of the garden it is necessary to pull out the plants every day to look at the state of the roots.

Jokes aside, we often discuss the need to rationalize and simplify the multiple reviews that we are subjected to, especially those reviews that we impose on ourselves.

There is no review that I have attended, however, that has not imparted valuable comments and useful information to benefit our programs. As important as receiving this information is, there is another function these committees perform that is almost as beneficial and should lead us to welcome as many reviews as possible. Review committee members who are our peers learn about our programs in detail and carry word back to the particle physics community on how the laboratory is approaching its

Wilson Hall Cafe**Tuesday, May 16**

- Chicken and Rice Soup
- Cowboy Burger
- Baked Meatloaf with Gravy
- Parmesan Baked Fish
- Peppered Beef
- Ham and Pastrami Calzones
- South of the Border Burritos w/Chips & Queso

The Wilson Hall Cafe accepts Visa, Master Card, Discover and American Express.

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, May 17****Lunch**

- Antipasto Salad
- Apricot Mousse with Butter Cookies

Thursday, May 18**Dinner**

- Fresh Mozzarella & Tomato Salad
- Garlic Shrimp w/Red Peppers & Wild Mushrooms
- Lemongrass Rice
- Brandi Flan

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Search**Search the Fermilab Today Archive****Info**

operations center during a meeting, it can be discussed in the conference in real time," said Gottschalk. The new center will combine futuristic elements, like a glass projection panel, with more traditional elements, like basic, reliable computers akin to those used at CERN. "We are keeping the monitors simple," said Gottschalk, adding that any individual monitor can be projected onto the wall (or glass) with the push of a button.

Fermilab may also help CERN develop customized software that will allow for various levels of control from a distance. Read-only versions of the software could be used at the Fermilab center, where physicists plan to monitor the accelerator and communicate with LHC operators. "The final decision on how the interaction works, and how much involvement Fermilab operators will have is still up for discussion," said Gottschalk.

Construction of the LHC Center is slated for June, with commissioning and operations planned for Spring 2007. More information can be found [here](#).
--Siri Steiner

Health and Fitness Day 2006: "Making Fitness Fun"

Last year, 268 Fermilab employees participated in National Employee Health & Fitness Day. (Click on image for larger version.)

programs and how well it is carrying them out. To the extent that we take these reviews seriously, communicate clearly and coherently the strength of our programs and address fully the issues that arise from these reviews, the review committee members become effective interpreters of Fermilab programs and our ambassadors to the particle physics community. As described in the EP2010 report, Fermilab will have the central role in supporting the particle physics community in the future. These reviews are one mechanism by which, both formally and informally, we insure that the community knows our strengths and the cost effectiveness and quality of our programs.

Announcements**Striping D Road**

Striping of D Road will continue as weather permits. Motorists should expect short delays and may choose to use [alternate routes](#). Please slow down, obey traffic controls and stay alert.

Batavia Road entrance to close for cars and bicycles, beginning today

The Batavia Road entrance is closed for renovation until Monday, May 22. During this time, the City of Warrenville will also be repaving roadways and carrying out other construction work along Batavia Road. Delays are expected to continue until early June, even after the entrance re-opens. Drivers and bicyclists should use Pine and Wilson Street entrances until the work is completed. Pine Street entrance hours are 6:00 a.m. to 8:00 p.m. for the general public and 24 hours a day, 7 days a week for employees. The Wilson Road entrance hours are 6:00 a.m. to 6:00 p.m., Monday through Friday. For more information, contact Tom

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Tomorrow, May 17, Fermilab and Wellness Works will join thousands of organizations across the country to celebrate National Employee Health & Fitness Day--the largest worksite health and fitness observance in the U.S.

Tomorrow's event is from 11:30 a.m. to 1:30 p.m. on Ring Road. Participants may sign in, pick up a game ticket and grab a bottle of water at A1, then walk, run, rollerblade, or bike around the ring. Stations along the way will provide fitness activities, prizes and cheers of encouragement. At the end, stop off at the prize table to see if you have a winning ticket.

Come join the fun tomorrow; the division or section with the largest percentage of participation will win the traveling trophy (last year's winner was Lab Services). Rain date will be May 18.

In the News

Daily Press News

May 13, 2006:

Particles not particularly useful: Jefferson Lab physicists find a 'strange quark' does less than earlier research indicated.

NEWPORT NEWS -- Nuclear physicists learned during recent testing at Jefferson Lab in Newport News that a puzzling subatomic particle contributes little to the electric and magnetic fields that hold atoms together.

The subatomic particles are strange quarks, which quickly appear and disappear inside of protons. Protons are an integral part of atoms - the basic units of matter.

Prosapio at prosapio@fnal.gov

Fermilab Association of Rocketry

The Fermilab Association of Rocketry is having their monthly club meeting on May 17, 2006 at 5pm in Users Center TV room. We are always looking for new members; anyone interested in model rocketry is most welcome. Join the club at the meeting and have this year's membership dues waived. Also, the May 2006 monthly club launch has been rescheduled to May 20, 2006 from 10am - 3pm. The original May 13 launch was canceled due to inclement weather conditions.

Health and Fitness Day, May 17

This year's event is from 11:30 a.m. to 1:30 p.m. on Ring Road. Participants may sign in, pick up a game ticket and grab a bottle of water at A1, then walk, run, rollerblade, or bike around the ring.

2006 Users' Meeting at Fermilab, May 31- June 1

The annual gathering of the Fermilab Users Organization will be held on May 31 and June 1, 2006. This meeting is an opportunity for discussion of new physics results from the laboratory's experimental program, future initiatives at the lab, and thoughtful presentations from leaders of the scientific policy community. For a complete schedule, [click here](#).

Professional Development

New classes are always being added to the professional development schedule. For the most up-to-date course offerings, go to [the web page](#).

Scottish Country Dancing

Scottish Country Dancing will meet today, May 16, at Kuhn Barn on the

"Whether it totally changes how we look at the proton is not clear," said Kent Paschke, a physicist involved in the research. "But it has changed the footing."

[Read More](#)

Fermilab site. Instruction begins at 7:30 p. m. and newcomers are always welcome. Most dances are fully taught and walked through, and you do not need to come with a partner. Info at 630-840-8194 or 630-584-0825 or folkdance@fnal.gov. This group plans to move to Ramsey Auditorium for the summer on June 6.

[Upcoming Activities](#)