

## Calendar

**Mon., May 21**

**2:30 p.m.**

Particle Astrophysics Seminar  
- Curia II

Speaker: A. Friedland, Los Alamos National Laboratory  
Title: Having fun with neutrinos in cosmology and supernova

**3:30 p.m.**

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

**4:00 p.m.**

All Experimenters' Meeting -  
Curia II

Special Topic: Proton Source -  
Update and Plans

**Tue., May 22**

**3:30 p.m.**

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

**4:00 p.m.**

Accelerator Physics and  
Technology Seminar - 1 West  
Speaker: C. Drennan, Fermilab  
Title: System Overview for the  
Multi-Element Corrector  
Magnets and Controls for the  
Fermilab Booster

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

## Weather



**Sunny 80°/55°**

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

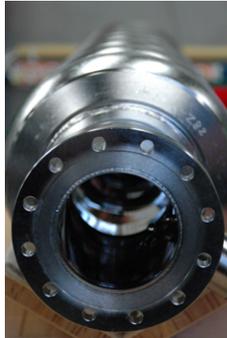
## Current Security Status

[Secou Level 3](#)

## Wilson Hall Cafe

## Feature

### ILC task force seeks feedback for EDR at town meeting



Acknowledging DESY in Germany as a leader in superconducting radiofrequency technology for the proposed ILC, Marc Ross told Fermilab's ILC Town Meeting that "we have to work with our German and Japanese partners" to close the gap.

Seeking both suggestions and signups, Technical Division head Marc Ross described the activities of the ILC Engineering Design Report task force at an ILC Town Meeting in One West last Wednesday. Ross, who serves as chair of the GDE EDR task force, said FNAL scientists, engineers, managers and planners will have key roles in the global EDR activities.

"I'm pushing to have people involved right here in Wilson Hall," Ross said. "I want to try to bring ILC participation more into the mainstream of the lab. Cryomodule Design, Superconducting RF RD, Test Accelerator Operations and Civil engineering are among our focus topics, and there will be plenty of leadership opportunities."

The task force, drawn from the three regions of the Global Design Effort, including the ILC Executive Committee, is seeking feedback on how the EDR effort should be organized and what special issues might be involved for Fermilab. The goals of the task force are ambitious: to have a preliminary report ready for the meeting at DESY from May 30 to June 2, followed by a complete report to the ILCSC in August. Critical issues will include agreement among regions on the information needed in a Bid to Host, as well as defining and understanding deliverables for the EDR.

Ross said he believes the task force will endorse development of an organization aligned along what he called functional lines instead of institutional or regional lines, with an emphasis on internationally balanced leadership. (presumes outcome of task force

## Safety Tip of the Week

### ES&H in five questions



Fermilab accidents are much like those that occur in other workplaces. Similarly, prevention boils down to dealing with a relatively small number of issues. Here are five questions to keep in mind as you go about your daily activities.

- 1. Can I stay focused?** Lack of attentiveness is a factor common to most accidents. What are the consequences of inattention? Are you tired, ill, or taking medications that affect alertness? Is the mental workload too low (boring) or too high (stressful)?
- 2. Can something go wrong?** Think through your work processes and break them into components. Identify what could go wrong with each step and take appropriate precautions.
- 3. Are these the best tools?** Watch out for non-specialized cutting and make-shift tools. Make sure you are using tools in accordance with manufacturer's instructions and Lab requirements.
- 4. Am I (still) able to do this?** Advancing age, as well as pre-existing or incipient health conditions can adversely impact your ability to work. Stay in touch with the Medical Department to help keep your fitness level in sync with your work requirements.
- 5. What if the pain doesn't go away?** Promptly report to the Medical Department if your work causes discomfort. Putting up with pain for months or years could result in a permanent condition or the need for surgery. Usually, a few simple adjustments to your work processes will

**Monday, May 21**

- French quarter gumbo
- French dip w/horseradish cream sauce
- Santa Fe pork stew
- Tandoori chicken
- Turkey breast on homemade foccoccia
- Assorted sliced pizza
- Sweet n' sour chicken with an egg roll

[Wilson Hall Cafe Menu](#)

**Chez Leon****Wednesday, May 23  
Lunch**

- Blackened catfish fillet
- Dirty rice
- Broccoli w/ lemon zest
- Pecan chocolate tart

**Thursday, May 24  
Dinner**

- Tomatoes, fresh mozzarella & basil Salad
- Grilled halibut w/ spicy pimienta sauce
- Spinach risotto
- Julienne of multicolored pepper
- Pears & hazelnut 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**

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[www.fnal.gov/today/](http://www.fnal.gov/today/)

Send comments and suggestions to:  
[today@fnal.gov](mailto:today@fnal.gov)

recommendations) "This organization is different from the way Fermilab usually works," Ross said. "Normally, the lab wants to handle all the tasks in a project. So we'll have to understand how this is going to work."

-- *Mike Perricone*

**Special Announcement****FNAL Steering Group seeks input from HEP community**

Director Pier Oddone has charged Deputy Director Young-Kee Kim to lead a Steering Group to develop a strategic roadmap for the accelerator-based HEP physics program at Fermilab (see [Director's Corner](#), Fermilab Today, April 17, 2007). The roadmap will outline discovery opportunities during the period before ILC construction can begin, while supporting the international R&D and engineering design for as early a start of the ILC as possible. The Steering Group, consisting of members of the US HEP community and Laboratory staff, will report to Director Oddone by August 1.

The Steering Group would like to solicit input from the HEP community as widely as possible. As part of this effort, Kim has been meeting with collaborations of experiments at Fermilab, will give a report on the Steering group's work at the Fermilab and SLAC Users Meetings on June 6 and June 7, respectively, and will conduct Town Hall meetings on the same days. To provide input, please [email](#) Kim a note or a letter with your thoughts.

The Steering Group would also like to hear ideas from the community on near-term experiments that can be supported by an evolution of the Fermilab accelerator complex. If you have suggestions, please write up a single-page sketch consisting of the physics case, back-of-envelope discussion of accelerator requirements, and a brief detector description. Please send your input by Monday, June 11.

You can find the charge, membership and activities of the Steering Group [here](#).

**Feature**

take care of the problem.

[Safety Tip of the Week Archive](#)**Special Announcement****Recycling program expands  
Bins move to all levels**

By Wednesday this week, employees looking to recycle a bottle or can will no longer have to walk to the cafeteria. In an effort to expand the recycling program in Wilson Hall and make recycling more convenient, bins for glass and plastic bottles and metal cans will now be located on all floors. The bins will replace the white paper bins located in public areas. White paper can be placed into mixed paper bins.

**In the News****San Francisco Chronicle,  
May 16, 2007****Collision of galaxies exposes 'dark matter,'  
astronomers say**

*Gravity from invisible stuff distorts Hubble's view of objects beyond*

If it weren't for the powerful gravity in some ghostly unknown stuff that surrounds us, everything and everybody in our universe would fly apart in a flash.

The mysterious stuff is called "dark matter," and the grip of its gravity holds all the stars and planets, people and atoms exactly where they belong, just the way the laws of physics dictate.

Now astronomers using the Hubble Space Telescope reported Tuesday that they have discovered convincing new evidence for the existence of dark matter -- in a huge ring circling the remains of two clusters of distant galaxies that clashed in a monstrous collision nearly 2 billion years ago.

[Read more](#)

**Accelerator Update**

## Special 2-for-1 offer for Blues musician Eric Bibb



Blues musician Eric Bibb

Have you been to the Fermilab Arts & Lecture Series lately? We're looking forward to an amazing 2007-2008 Season (Garnet Rogers & Ronny Cox, Buckwheat

Zydeco, Spanish

Harlem Orchestra, Barrage and many others), and we'd like to kick it off with a special incentive. We're offering Fermilab employees and users Buy One/Get One Free tickets for the first performance of the season, by the phenomenal acoustic blues singer and guitarist, Eric Bibb on Saturday, June 9 at 8 p. m.

Already enjoying success in Europe, Eric Bibb is becoming a familiar face - and voice - in the U.S. acoustic folk-blues scene. His unique talent continues to draw critical acclaim around the world. Twice nominated for the W. C. Handy Awards and winner of the "Best Newcomer" title in the British Blues Awards, Bibb has been appropriately described as "discreetly awesome" and "a total original." He released his new album on the Telarc label, and Billboard proclaimed, "With this eloquent disc, Bibb solidifies his spot on the blues A-list."

He has performed at jazz and blues festivals (Montreal, San Francisco), world music festivals (Chicago), folk festivals (Edmonton, Vancouver) and at universities and performing arts venues across the US. You can hear audio samples at Eric Bibb's [web site](#) or my space [page](#).

To purchase 2-for-1 tickets, stop by our box office in the User's Office, WH1W, or call us at x2787. Be sure to indicate that you are a Fermilab employee or user. Regular ticket prices are \$17/\$9 for ages 18 and under and Fermilab grad students. For more information check out the Cultural Events [web page](#).

### May 16-18

- One store provided 11 hours and 45 minutes of luminosity
- LRF3 power amplifier changed
- Recycler lost half of its stash due to a power supply
- Pbar uses new helix to stash antiprotons
- Booster beam valve closes

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

### Announcements

#### Scottish country dancing Tuesday

Scottish Country Dancing will meet Tuesday, May 22, at Kuhn Barn on the 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. The group will move to Ramsey Auditorium for the summer beginning June 12. Call (630)840-8194 or (630)584-0825 or [email](#) for more information.

#### NALWO Spring Tea Today

NALWO's Spring Tea will take place on Monday, May 21, 2007 from 11:00 a.m. to 1:00 p.m. The tea, which will be hosted by Barbara Oddone, will be held at her home, Site #29, located just inside the Wilson Street Gate. To attend the tea, turn right (south) at the driveway just east of the Wilson Street gate. Carpools are encouraged. Call the housing office if you are in need of a ride. Please bring a favorite dessert or appetizer from your country, but if you cannot bring a treat, please come anyway! For additional information contact Rose Moore at, 630/208-9309 or by [email](#), Selitha Raja at 630/305-7769 or by [email](#) or the Housing Office, 630/840-3777 or by [email](#).

#### Farewell to Mike Perricone

Mike Perricone is retiring from the Office of Public Affairs. Please come and join Mike and his Public Affairs colleagues for some pizza and cake at the Users Center on Wednesday, May 23, from 4 to 6 p.m.

#### Upcoming Activities