

## Calendar

### Friday, November 17

**3:30 p.m.** DIRECTOR'S COFFEE

BREAK - 2nd Flr X-over

**4:00 p.m.** Joint Experimental Theoretical Physics Seminar - 1 West

Speaker: A. Garmash, Princeton University

Title: Measurement of the weak phase  $\gamma$  from  $B_{\pm} \rightarrow D[K_S \pi^+ \pi^-] K^{\pm}$  at Belle

### Monday, November 20

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

Speaker: G. Evrard, University of Michigan

Title: Two Reports on Galaxy Clusters: The Halo Virial Scaling Relation and Red Sequence Cluster Finding

**3:30 p.m.** DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

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

Special Topic: Multi-Batch Slip-Stacking for NuMI

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

## Weather



Mostly Cloudy 45°/31°

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secou Level 3](#)

## Summer school prepares new generation of physicists



CERN will host the upcoming session.

Registration for the Hadron Collider Summer School begins Friday, November 24. The school, a joint Fermilab-CERN project, will train young physicists for the next generation of collider experiments.

"There are great new experiments being prepared which will provide new understanding about how nature works," said Bogdan Dobrescu, Fermilab physicist and co-chairman of the school's international advisory committee. "The experiments are complex and need a lot of expertise. We need to train young people to carry out and interpret the data from these experiments. Summer schools are an effective way to do this."

CERN will host this year's session. Fermilab hosted the school's inaugural session last year. Students will attend 10 days of lectures and discussions. The lectures will cover experimental and theoretical facets of hadron collider physics: quantum chromodynamics, statistical methods, calibration, data collection, and GRID computing, to name

## ILC NewsLine

### The first SRF cavity developed in Korea



The first Korean 1.5 GHz SRF cavity for ILC R&D.

In the end of 2004, the Pohang Accelerator Laboratory, a synchrotron light source facility in Korea, organized an ILC Task Force Team. Ever since, the members have been working in various fields of the ILC project, searching for suitable contributions as a small scale laboratory. The team's main linac group especially made some efforts to study superconducting cavity related technologies in collaboration with with K. Saito's group at KEK. Finally, by applying the knowledge acquired through ILC related research, PAL developed the first Korean 1.5 GHz SRF cavity.

[Read More](#)

### Science Grid This Week goes international

**Wilson Hall Cafe****Friday, November 17**

- Beef Pepper Pot
- Buffalo Chicken Wings
- Cajun Breaded Catfish
- Sweet & Sour Pork over Rice
- Honey Mustard Ham & Swiss Panini
- Assorted Slice Pizza
- Carved Turkey

**[Upcoming Menu](#)****Chez Leon****Wednesday, November 22****Lunch**

- Cheese Fondue
- Mixed Green Salad
- Grapefruit Slices with Candied Rind

**Thursday, November 23****Dinner**

Closed

**[Chez Leon Menu](#)**

Call x4598 to make your reservation.

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

Fermilab Today is online at: <http://www.fnal.gov/today/>

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[Linear Collider News archive](#)

a few. The school will also discuss the expected detector performance at the LHC, potential upgrades and on-going research and development efforts.

School is in session June 6-15, 2007.

The deadline for registration is March 9, 2007. Some scholarships are available.

More information can be found at <http://cern.ch/hcps>.

--D.A. Venton

**Promotions for 14 Scientists**

Fourteen scientists were recently promoted to Scientist II or Applied Scientist II, positions without term limit. This promotion marks a big step in the life of a Fermilab scientist--it recognizes valuable work done over the years. Read more about the recipients [here](#).

**Milestones****Fermilab honored with Excellence in Conservation Award**

The Chicago Wilderness Consortium selected Fermilab's Ecological Land Management Committee for an Excellence in Conservation award for 2006. The award was accepted by Tom Peterson (above), engineer in the SRF Department of the Technical Division and chair of the ELM committee, at the biennial Chicago Wilderness Congress, held November 15 at Northwestern University.



Katie Yurkewicz is the editor of iSGTW.

Yesterday the Open Science Grid and Enabling Grids for E-science projects launched International Science Grid This Week, a weekly publication reporting news and information about grid computing projects and collaborations, and the scientific research that uses grid computing technology.

iSGTW builds on the success of its predecessor, Science Grid This Week, a U.S. publication that was published at Fermilab and funded by the National Science Foundation and the DOE Office of Science. The new publication, which will use articles, images, links and multimedia content to tell the story of scientific grid computing around the world, is funded jointly by DOE, NSF and the European Commission's Information Society and Media Directorate-General.

Read the first issue and subscribe at <http://www.isgtw.org/>. Subscribers to Science Grid This Week will automatically receive iSGTW in their inbox every Wednesday.

**Announcements**

[Fermilab Today classifieds](#)[Subscribe/Unsubscribe to Fermilab Today](#)

Chicago Wilderness honored the Fermilab ELM committee for their "thoughtful management of over 980 acres of prairie," and for "protecting biodiversity and furthering research" in the region. "This is a great honor but also an appropriate recognition of our efforts," said Peterson. "Fermilab management and DOE have supported prairie restoration and other ecologically based land management practices over many years. Congratulations to all."

--D.A Venton

Read the award letter [here](#).

### In the News

#### ***Physorg.com,*** **November 16, 2006:** **Dark energy existed in infant universe**

A team led by Adam Riess, a professor in The Johns Hopkins University's Henry A. Rowland Department of Physics and Astronomy and a Space Telescope Institute researcher, found that dark energy was already accelerating the expansion of the universe at least as long as 9 billion years ago. This picture of dark energy would be consistent with Albert Einstein's prediction, nearly a century ago, that a repulsive form of gravity emanates from empty space.

The team announced these findings in a media teleconference at NASA headquarters in Washington. The findings also will be published in the Feb. 10, 2007, issue of *Astrophysical Journal*.

"Although dark energy accounts for more than 70 percent of the energy of the universe, we know very little about it, so each clue is precious," said Riess, who in

#### **Free recital Monday**

There will be a free recital Monday, November 20, at noon in the Ramsey Auditorium. Carrie Vecchione will play Oboe and Rolf Ehrdal will play Double Bass. Please note that if this is at a time other than your normal lunch hours, you need your supervisor's permission to attend.

#### **Watch all-hands meeting**

If you haven't seen it yet, the recent all-hands meeting that all Fermilab employees [are required](#) to watch will be broadcast today in 1 West from 2:00 p.m. to 3:15 p.m., on November 20, from 9:30 a.m. to 10:45 a.m., and on November 29, from 1:30 p.m. to 2:45 p.m. To reserve a space, you can sign up on [TRAIN](#).

(Search under the "General" category.)

Walk-ins will be permitted if space allows. If you have questions, contact Mary Louge at [grace@fnal.gov](mailto:grace@fnal.gov).

#### **Leave sheets due early**

Monthly employee leave sheets are due in Payroll by 10 a.m. on Monday, November 20.

#### **New *symmetry* online**

The October/November issue of *Symmetry* is now [online](#).

#### **Flexible benefits open enrollment**

Are you interested in participating in the flexible benefits plan for 2007? Annual enrollment for the flexible benefits plan begins on November 13 and ends on November 30. Flexible benefit plans allow you to pay for dependent care expenses or allowable medical and dental expenses not reimbursed under your plan with before-tax dollars. Enrollment materials will be sent to your mail station. You may also obtain the

1998 led one of the first studies to reveal the presence of dark energy. "Our latest clue is that the stuff we call dark energy was present as long as 9 billion years ago, when it was starting to make its presence felt."

[Read More](#)

materials from the Benefits [web page](#).

### **Holiday Book Sale**

Let us help you to get your holiday shopping done at the Fermilab Recreation Holiday Book Fair. Best-selling books, cookbooks, sport books, coffee table books, children's books and games, toys and gifts will be available. The book fair will be held in the Atrium Wednesday, November 29, from 10:00 a. m. to 6:00 p.m. and Thursday, November 30, from 7:00 a.m. to 3:00 p.m.

### **FRA contract now online**

The new Fermi Research Alliance contract has been posted online at the [FRA website](#).

### **Classifieds**

New [classified ads](#) have been posted on Fermilab Today.

### **[Upcoming Activities](#)**