

## Calendar

### Tuesday, March 21

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

BREAK - 2nd Flr X-Over

**4:00 p.m.** Accelerator Physics and Technology Seminar - Curia II (Note Location)

Speaker: S. Beysserie, Illinois Institute of Technology

Title: Numerical Modeling of Novel Electron Materials and Devices

### Wednesday, March 22

**11:00 a.m.** Fermilab ILC R&D Meeting - (NOTE LOCATION) Black Hole, WH-2NW

Speaker: K. Ranjan, Fermilab

Title: Main Linac Simulation

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

BREAK - 2nd Flr X-Over

**4:00 p.m.** Fermilab Colloquium - 1 West  
Speaker: E. Simmons, Michigan State University

Title: How to Popularize Physics

## Weather



Partly Cloudy **35°/20°**

[Extended Forecast](#)

[Weather at Fermilab](#)

## Current Security Status

[Secou Level 3](#)

## Wilson Hall Cafe

## Rent a Garden at Fermilab



You can rent a gardening plot at Fermilab for \$5 a year. (Click on image for larger version.)

Combine relaxation and exercise with good, fresh vegetables and what do you get? A plot in the Fermilab Garden area. These plots are managed by the Fermilab Garden club and are available to Fermilab employees, retired Fermilab employees, visiting experimenters, and contractor employees.

Each plot is 20 x 40 ft in area and has access to a water pipe. The yearly membership fee is \$5 per plot. All plots are not plowed and are ideal for perennials. The club maintains its own rototillers and lawn mowers which are available to gardeners for a small fee. Organic fertilizer is also available. Anyone gardening for the first time is invited to make use of free advice from the many experienced gardeners who are part of the club.

Our annual spring meeting will be held Wednesday March 22nd, from noon to 1pm in Wilson Hall 1 North. Please come to learn more, have your questions answered, and to find out about

## Director's Corner

### Keeping Score

In a performance-based contract for managing a laboratory, which is the kind URA has with DOE for the management and operation of Fermilab, there are many quantitative measures to give feedback on all aspects of the laboratory's



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performance. These include measures on the performance of facilities, health and safety, and operations and administration. One of the good things about such contracts is that beauty is not merely in the eye of the beholder but in the numbers.

The performance of our laboratory is graded against these measures every year by the DOE. With half the year gone by, we have a lot of work ahead to achieve an outstanding rating as we aspire to do. For example, while we have maintained roughly the same ES&H statistics as last year, we must meet a higher goal this year. Meeting this goal makes us even a safer place than before for all our staff and users. This year's goal will be difficult to meet; we need to pay unflagging attention to our ES&H program, especially during the many activities associated with the shutdown. Another challenging goal is raising our luminosity. Because of the three Tevatron quenches that led to significant downtimes at the end of last run, to reach

**Tuesday, March 21**

- Chicken & Rice Soup
- Cowboy Burger
- Peppered Beef
- Baked Meatloaf w/a Roasted Tomato Demi-Glace
- Parmesan Baked Fish
- Assorted Pizza
- 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, March 22****Lunch**

- Southwest Marinated Cornish Hens
- Rice & Pigeon Peas
- Vegetable Medley
- Coconut Cake w/Rum Sauce

**Thursday, March 23****Dinner**

- Bouillabaisse
- Watercress & Radicchio Salad
- Gran Manier Souffle

[Chez Leon Menu](#)

Call x4512 to make your reservation.

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**Info**

reserving your own plot.

— Eileen Berman, x3941, [berman@fnal.gov](mailto:berman@fnal.gov)

**2006 Golf League Invitation**

Golf-league membership is open to all Fermilab employees (both present and past), their families and contractors doing business with the lab.

Golfers, Do you want to improve your game, have more fun and meet great people? The Fermilab Golf League would like to hear from you. The Golf League consists of individual leagues, playing on local courses on different nights of the week. All together, there are over 100 golfers in the league, and we'd like a few more.

The leagues at Fermilab allow golfers to play in friendly, four-person team competition each week. If you've ever imagined the satisfaction of sinking a ten-foot putt to win a match, then you owe it to yourself to join a league and give it a try. Our handicapped matches ensure that golfers of widely varying ability are able to compete fairly.

Membership is open to all Fermilab employees (both present and past), their families and contractors doing business with the lab. While this year's roster of league representatives is all men, we have a respectful number of ladies that play as well. If you don't feel that you can

our target we will have to collect as much luminosity in the last three months of this fiscal year as we collected in the first five months. Again, this is difficult to achieve, but it is critical to meet this goal in order to satisfy not only the DOE required target but our community's objectives for the Tevatron program.

Fermilab's performance with respect to these goals becomes highly visible because these goals are used to grade the Office of Science itself. For example, each of the various program offices within the Office of Science has typically five or so high-level goals to meet in the science arena. The achievement of these goals affects how each of these offices is perceived by the upper levels of the DOE, the OMB and the administration beyond. For the HEP Office, the goals are typically tied to the operation of facilities and the management of projects. It behooves us therefore to make sure that the performance measures applied to Fermilab are met, and even exceeded, because our performance affects the science goals for the HEP Office itself.

In the first quarter of this fiscal year the science scorecard for the HEP office had two unsatisfactory areas out of five. We contributed to one of the unsatisfactory grades with the excessive downtime of the Tevatron in the first quarter. If we do not meet our luminosity target for the year we would generate yet another unsatisfactory grade for the HEP office. To avoid this, at the end of the current shutdown we need to achieve a fast turn-on and high luminosities in a short time. To do this, we plan to make every part of the accelerator complex work before the turn-on of the Tevatron itself as the last

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commit to playing every week, all of the leagues offer positions for substitutes who play in an as needed basis.

We have openings for teams, individuals and substitutes. If you would like more information about the Fermilab Golf League, please feel free to email ([matulik@fnal.gov](mailto:matulik@fnal.gov)) or call (x4091).

—Mike Matulik

## CMS Regional Calorimeter Trigger Featured on TV News

"It looks like just a bunch of copper wires and computer chips, but this 6-million-dollar camera is getting ready to do something grand," said Gadget Guy Steve Van Dinter on a recent broadcast of Madison Wisconsin's local 10:00 news. Van Dinter was describing the CMS Regional Calorimeter Trigger, which is being constructed at the University of Wisconsin for use at the LHC. The calorimeter trigger, also known as "the world's fastest digital camera," can take snapshots every 25 nanoseconds and will be used to track transient particles as they fly out from proton-proton collisions at the LHC.

"They'll be looking for what's called the Higgs particle," said Van Dinter. "If you're in the know this is a pretty big deal. If you don't know what the Higgs is-well there isn't time to explain."

Watch the 2-minute broadcast [here](#).

— *Siri Steiner*

### In the News

accelerator out of seven to be brought on line. Furthermore, the preventive maintenance being carried out now should make the machine more rugged than at the end of the great 15-month run we just finished. That will help us achieve this difficult goal, all the while working with constant regard for the highest standards of safety.

### Announcements

#### Lifeguards Needed

The Recreation Office is looking for full or part-time lifeguards to staff the village pool this summer. Lifeguards must be at least 17 years of age and have their water safety, CPR and First Aid certifications. Lifeguards must be able to work between the hours of 9:00 am and 8:00 pm on rotating shifts, weekends and holidays. The pool opens Memorial Day weekend and closes Labor Day weekend. Starting salary is \$7.00 per hour. More information or to apply online go to [the employment website](#).

#### First Annual Fermilab Club Fair

Are you looking for new activities for you and your family? Check out the First Annual Club Fair, which will be held in the Atrium on Wednesday, April 12, from 11:30 am to 1:30 pm. There will be prizes, giveaways, demonstrations, virtual flight simulation, singing and dance performances. Come see what Fermilab Clubs have to offer.

Participating clubs are: Creative Writers, Association of Rocketry, Barnstormers Model Airplane, Chess, Garden, Singers, NALWO, International Folk Dance, Scottish Country Dance, English Country Dance and Folk/Barn Dance, Amateur Radio and the Go Club.

#### Scottish Country Dancing

## **House Committee on Science Press Release March 17, 2006:**

### **Boehlert Announces Retirement**

UTICA, NY, March 17, 2006 – House Science Committee Chairman Sherwood Boehlert (R-NY) today announced that he will not seek reelection to Congress.

Boehlert assumed the chairmanship of the Science Committee in 2001. Under House Republican rules, which limit Members to three terms as chairman of a committee, he would have been required to relinquish his gavel at the end of this year even if he remained in Congress.

Boehlert delivered the following remarks at a press conference today, where he was joined by a host of friends, family members, elected officials and supporters.

[Read More](#)

Scottish Country Dancing will meet Tuesday, March 21, 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. Info at 630-840-8194 or 630-584-0825 or [folkdance@fnal.gov](mailto:folkdance@fnal.gov).

### **Professional Development Schedule:**

**April 4 - 6:** Python Programming

**April 20:** FileMaker Pro 7 Level 1

**April 25:** Access 2003 Introduction

**April 26:** Adobe Acrobat 7.0 Professional

**May 2 - 4:** EPICS

**May 16 - 18:** JavaScript Programming

**May 23:** Excel 2003 Introduction

**May 24:** Word 2003 Introduction

**June 13 am:** Excel Pivot Tables

**June 13 pm:** Excel Formulas and Functions

**June 14:** PowerPoint 2003 Introduction

**June 27 - 29:** Python Programming

[More Information](#)

[Upcoming Activities](#)