

## Calendar

### Tuesday, May 31

**11:00 a.m.** Computing Techniques Seminar - FCC1

Speaker: M. Lamanna, CERN

Title: Status of LCG Project Distributed Analysis Activity - ARDA

**12:00 p.m.** Summer Lecture Series - 1 West

Speaker: M. Syphers, Fermilab

Title: How Accelerators Work

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

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

### Wednesday, June 1

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

**11:00 a.m.** Research Techniques Seminar - Curia II

Speaker: T. Shutt, Case Western Reserve University

Title: The XENON Dark Matter Experiment

**2:00 p.m.** Proton Driver General Meeting - 1 West

Speaker: F. DeJongh, Fermilab

Title: e Experimental Ideas

Speaker: G. Romanov, Fermilab

Title: Front End Design of the Proton Driver

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

BREAK - 2nd Flr X-Over

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

Speaker: R. Kaufmann, Boston University

Title: Oil and the American Way of Life: Don't Ask, Don't Tell

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

BREAK - 2nd Flr X-Over

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

Speaker: R. Kaufmann, Boston University

Title: Oil and the American Way of Life: Don't Ask, Don't Tell

Don't Ask, Don't Tell

## Weather

## Kuchler Focuses on Safety As New Head of FESS

On Friday, May 20, Vic Kuchler was named as the new head of the Facilities Engineering Services Section (FESS). He replaces the long time head of FESS Dave Nevin, who retired on May 13.

Kuchler does not plan to make any major changes, but will meet with each Division and Section head in the coming weeks to see what FESS can do to make things run more smoothly.

"I want to improve our safety record and our interactions with customers across the lab," Kuchler said.



New head of FESS

Vic Kuchler

FESS services touch every part of the laboratory and are directly related to the fulfillment of Fermilab's mission. But FESS's primary commitment is to the Fermilab customer. "We want to provide the very best customer service for all of the functions that FESS provides," said Kuchler.

Beyond serving his Fermilab customers, Kuchler is also working to find a suitable location for the International Linear Collider in northeast Illinois. "We have a very competent team in FESS that is working to understand the geologic feasibility of the area," Kuchler said. "I look forward to this challenge."

Kuchler has served as Deputy FESS Director since the Department was created in 1991 and has been the acting Director since Nevin retired. Kuchler first

## Director's Corner

### Good Morning!

The feedback from the committee conducting the annual program review last week was extremely positive.

The committee congratulated the laboratory for our outstanding record of achievement in accelerator performance, in experimental and theoretical research, in preparing for LHC physics, and in astrophysics projects. They also gave high marks to the laboratory's plan for the future, as presented by Pier Oddone.



Mike Witherell

The status and physics prospects for Run II were rated highly both in the recent program review and in the Tevatron operations review held two months ago. The impressive physics results shown to the Program Review were based on integrated luminosity of about 0.3-0.4 fb<sup>-1</sup> delivered to each experiment. This represents about a 5% sample of the data sample that will be available by the end of Run II.

On Wednesday last week, Robin Staffin talked here about the new charge for the HEPAP subpanel P5. He is asking P5 to look at what time the significant resources now invested in the operations of the Tevatron and PEP-II would have a greater impact if they were redirected to new opportunities.

The current plan for Run II, developed two years ago, calls for the end of



Mostly Sunny 76°/53°

[Extended Forecast](#)

[Weather at Fermilab](#)

### Current Security Status

[Secou Level 3](#)

### Wilson Hall Cafe

**Tuesday, May 31**

- Golden Broccoli & Cheese Soup
- Hickory Smoked BBQ Pork \$4.85
- Breaded Veal with Mushroom Cream Sauce \$3.75
- Spaghetti with Meat Balls \$3.75
- Toasted Almond Chicken Salad \$4.85
- Supreme Baked Pizza \$3.00
- Chicken Tostadas \$4.85

The Wilson Hall Cafe now accepts Visa, Master Card, Discover and American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) is now open. Call x4512 to make your reservation.

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### Info

Fermilab Today is online at:

<http://www.fnal.gov/today/>

Send comments and suggestions to

[today@fnal.gov](mailto:today@fnal.gov)

[Fermilab Today archive](#)

[Fermilab Today PDF Version](#)

[Fermilab Result of the Week archive](#)

came to the lab in 1975 and has been here permanently since 1977.

--Eric Bland

## A New Look for SLAC



SLAC's New Web Site (Click on image for larger version.)

On May 12, Stanford Linear Accelerator Center launched a new [Web site](#) that highlights the lab's varied scientific initiatives and helps surface important information for staff, scientific users, the community and the general public.

"A key goal of the new Web site is to communicate the excitement and energy surrounding the science we do at the Lab," said Katherine Bellevin of the SLAC Communications Group. "This meant creating new content and imagery, as well as organizing existing pages around the various audiences that use the Web site. This first phase is just the beginning of a Lab-wide effort to integrate and organize our Web site content."

The new site also incorporates updated versions for many of the public information and visitors pages. Additional content and pages will be created and existing content will be folded into the new site in the coming months.

"Communicating to the scientific and general public what we are doing at SLAC and why we are doing it is essential," said Director Jonathan Dorfan. "The public

operations at the end of FY 2009. The accelerator performance has followed the design plan over the last two years, and the detectors are running more efficiently than ever. The most exciting physics opportunities anywhere in particle physics right now are at the Tevatron. All of these facts will make a very strong case to P5 that Run II should continue on the current plan.

### Accelerator Update

**May 25 - May 27**

- During this 48 hour period Operations established two store that provided approximately 43 hours and 45 minutes of luminosity
- Many necessary repairs were done during this 48 hour period.

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

### Announcements

#### Upcoming Classes

June 22 - 23: Microsoft Project 2003

July 18 - 21: Learning Perl

July 19 & 20: Interpersonal

Communication Skills

[more information](#)

#### Children's Center 25th Anniversary Reunion and Ice Cream Social

All current or former Children's Center students and their families are invited to a Reunion at The Children's Center (28 Shabbona) on Wednesday, June 1, from 5:30 p.m. to 6:30 p.m. We will celebrate our 25th year by enjoying ice cream and lots of reminiscing. If you plan to attend, please RSVP to Linda Olson-Roach, (630) 840-3082, [lor@fnal.gov](mailto:lor@fnal.gov).

[Fermilab Safety Tip of the Week archive](#)

[Linear Collider News archive](#)

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thirsts for scientific knowledge. They also fund what we do, so we owe it to them to explain what we do in terms they can readily understand."

### **In the News**

#### **From *Science Magazine*, May 27, 2005**

##### **2006 Budget: Physics Research Gets a Boost and a Warning From Its Funders**

Charles Seife

A spending committee of the U.S. House of Representatives has restored many of the cuts proposed by President George W. Bush to the Department of Energy's (DOE's) 2006 science budget, including those in its high-energy and nuclear physics programs. But that ray of sunshine was quickly clouded over by an agency request for scientists to evaluate the consequences of shutting down yet another key accelerator.

[Read more](#)

#### **From *CBC News*, May 24, 2005**

##### **Rare white bison born in B.C.**

FORT ST. JOHN, B.C. – A buffalo rancher near Fort St. John in northeastern B.C. is bracing for scores of visitors following the recent birth of a rare white calf.

It's only been a few days since the birth was announced, but rancher Karen Blatz says people are already dropping by to take a look.

[Read more](#)

### **Budker Seminar Series**

The next Budker Seminar Series will be on Tuesday, May 31 at 6:00 p.m. in the Users' Center. Phil Yoon, Fermilab, will present: Simulations of Fermilab Accelerators:

- Error-Induced Beam Degradation in the Booster
- Injection Methods for the Upgraded Main Injector
- RF Stacking in the Accumulator

### **Accelerated C++ Short Course**

On June 7, Fermilab will offer the first session of Accelerated C++: A Short Course in Practical Programming by Example. The Short Course is an extended professional development experience that emphasizes computer programming in modern standard C++. No tuition is charged; the only cost is for the required textbooks. Walter Brown, who participates on Fermilab's behalf in the international C++ standardization effort, is the course instructor. He is a member of the Computing Division's CEPA department. Course registration is now open.

[more information](#)

### **Scottish Country Dancing**

Scottish Country Dancing will meet Tuesday, May 31, 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. Dancing will move to the air-conditioning of Ramsey Auditorium for the summer season on June 14. Info at 630-840-8194 or 630-584-0825 or [folkdance@fnal.gov](mailto:folkdance@fnal.gov).

[Upcoming Activities](#)

