

Calendar

Tue., June 5

9:00 a.m. - 5:00 p.m.

Fermilab Users' Organization
[Outreach meeting](#) - One West

12:00 p.m.

Summer Lecture Series - 1
West

Speaker: L. Lederman, IMSA/
Fermilab

Title: A Crack in the Mirror: A
36-Hour Particle Physics
Experiment

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
THERE WILL BE NO
ACCELERATOR PHYSICS
AND TECHNOLOGY
SEMINAR TODAY

Wed., June 6

8:00 a.m.

[Users Annual Meeting](#)

Registration - Auditorium Lobby

9:00 a.m.

[Users Annual Meeting](#) -

Auditorium

THERE WILL BE NO
FERMILAB ILC R&D
MEETING THIS WEEK
THERE WILL BE NO
DIRECTOR'S COFFEE
BREAK TODAY
THERE WILL BE NO
FERMILAB COLLOQUIUM
THIS WEEK

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

Weather



Chance of showers

65°/50°

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Feature

Former URA President to speak Thursday



Former URA president
Norman Ramsey will speak
at the Users' meeting
Thursday at 1:45 p.m.

Attendees of this week's 40th annual Users meeting will learn valuable information about the lab's future, the ILC and the state of science in Washington, but just as importantly, they'll be exposed to some of Fermilab's greatest contributors, past and present.

Among those is Norman Ramsey, one of the first Universities

Research Association presidents, who will be speaking Thursday alongside current URA President Fred Bernthal.

"Norman Ramsey was there at the creation of Fermilab. As the longest-serving President of the URA, he worked hand-in-glove with Bob Wilson as they realized their common goal of constructing the world's highest energy accelerator," said Bernthal. "It is an honor and a pleasure to have Professor Ramsey return to the great laboratory he helped build."

Although Ramsey's involvement with Fermilab and the URA technically began with his election to Regional Trustee for URA in 1965, it was a 1963 report he presented recommending the design and construction of a 200 GeV accelerator that laid the groundwork for his future involvement with the lab. He was named President of the URA in 1966 and served for fifteen years. It was under his tenure, in April of 1967, that more than 400 scientists descended on Argonne National Laboratory to discuss Illinois' acquisition of the 200 GeV accelerator and a new national laboratory. This meeting eventually would be recognized as the first Users Group meeting.

Ramsey, who will speak at 1:45 p.m. Thursday, will be joined by more than two

Director's Corner

Crossroads



Fermilab Director Pier Oddone with a triplet magnet (Q3) and the cryogenic distribution box (DFBX) inside the LHC tunnel.

Visiting CERN and the LHC these days is an astounding experience that is simultaneously thrilling and sobering. The progress in building the accelerator and the detectors is impressive. It takes your breath away to go deep into the CMS and ATLAS caverns and witness the scale, cleverness and complexity of the detectors they house.

The famous CERN cafeteria, now extended and hugely crowded, is a beehive with the loud hum of many languages. When I commented to my Italian friends that the Italians seemed to be the most numerous group, they told me that I was wrong, that they just spoke louder than anyone else. That the world comes together in peace to produce such a phenomenal program of discovery into the deepest mysteries of nature is truly inspiring. European nations should be justifiably proud to have enabled such an opportunity for the world.

Those of us working at contributing U.S. institutions have a major responsibility to successfully develop the components and systems that we provide for the LHC. The contributions of the U.S. groups to ATLAS and CMS have been numerous and important, and many of these high-tech components are now coming into operation. Today at Fermilab we feel our responsibility most acutely with respect to delivering the LHC triplet magnets

Wilson Hall Cafe**Tuesday, June 5**

- Creamy turkey vegetable
- Chicken gyros
- Salisbury steaks w/ mushroom au jus
- Chicken cacciatore
- Italian panini w/provolone
- Assorted pizza slices
- Super burrito

*Carb Restricted Alternative

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, June 6****Lunch**

- Salad nicoise w/fresh grilled tuna
- Pear tart

Thursday, June 7**Dinner**

- Crepes w/black forest ham & gruyere
- Sea scallops
- Spinach w/garlic & pine nuts
- Rhubarb soufflé w/ginger

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives**Fermilab Today****Result of the Week****Safety Tip of the Week****ILC NewsLine****Info**

Fermilab Today is online at:

www.fnal.gov/today/

Send comments and suggestions to:

today@fnal.gov

dozen speakers over the two-day period. For more information on the Users meeting, visit the [Users meeting](#) web site.

More information:

[Norman Ramsey](#)

[History of URA and Users Meeting](#)

-- *Rhianna Wisniewski*

Special Announcement**Blues musician Eric Bibb performs this Saturday**

[Blues musician Eric Bibb](#)

Acoustic blues singer and guitarist Eric Bibb, named an "A-list" blues musician by Billboard, will perform at Fermilab's Ramsey Auditorium this Saturday, June 9, at 8 p.m. Fermilab employees and users are eligible for a special 2-for-1 ticket discount for the event, which marks the first concert of the 2007-2008 season.

Bibb has performed at jazz and blues festivals (Montreal, San Francisco), folk festivals (Edmonton, Vancouver) and at performing arts venues across the U.S. Audio samples are available at Eric Bibb's [Web site](#).

Already enjoying success in Europe, 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. He is the winner of the "Best Newcomer" title in the British Blues Awards, and he was twice nominated for the W.C. Handy Awards.

Regular ticket prices are \$17/\$9 for ages 18 and under and Fermilab grad students. To purchase 2-for-1 tickets, stop by the Fermilab box office (first floor Wilson Hall) or call the box office at x2787. Be sure to indicate that you are a Fermilab employee or user. For more information check out the Fermilab Arts Series [Web pages](#).

In the News

as a working system, without which the accelerator cannot function. The repair is now well underway, and we hope it will allow the machine to reach full energy without much delay. The new LHC schedule will be announced later this month at the CERN Council meeting. The triplet problem, as well as other unrelated commissioning delays, are likely to eliminate the low-energy engineering run that was previously planned for the end of 2007.

While we are strong contributors to the LHC, who are proud of our contributions and thrilled to see progress toward LHC completion, we cannot come away from CERN without thinking that we are at a crossroads for particle physics in this country. To continue to be an international beacon in particle physics, we must work not only on the technical aspects of the next global machine, but must also convince the public and our elected representatives of the importance of the science we do and the need for us to develop partners across the world as we have done in the past and as Europe has now done with the LHC.

Accelerator Update**June 1 - 4**

- Three stores provided 69 hours and 21 minutes of luminosity
- Switchyard ODH alarms due to high humidity
- Linac has trouble with KRF2
- Booster RF problems

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements**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 emphasizing computer programming in modern standard C++. No tuition is charged; the only cost is for the required textbooks. A subsidy is available for most students. All course participants receive TRAIN credit upon successful completion. 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 LSC department. Course registration is now open. [Course Announcement and Syllabus](#).

From *DESY Press Release*, June 5, 2007

Launch of the XFEL project

Construction of the European X-ray laser facility XFEL starts in early 2008.

Today, on June 5, 2007, the German Federal Minister of Education and Research Dr. Annette Schavan officially launched the European X-ray laser facility XFEL. "The funding negotiations with the 12 interested countries are so far advanced that the construction of this new research facility, which is very much sought after by the international scientific community, can now begin," said Schavan in front of representatives of the press and the guests of the launching ceremony. "We can now assume that the commissioning of the first six of ten possible experimental stations will begin in 2013. And we aim to upgrade this initial version as soon as possible to the complete ten-station facility."

At first, an 850-million-Euro start version of the European XFEL facility, whose total cost is estimated at 1082 million Euros (price levels of 2005), is to be realized in Hamburg and Schenefeld. The 12 international partners (Denmark, France, Greece, Hungary, Italy, the People's Republic of China, Poland, Russia, Spain, Sweden, Switzerland, and the United Kingdom) will cover at least 25 percent of the costs of this initial version. The German share of at most 75 percent will be born by the federal government and the two host states of Hamburg and Schleswig-Holstein. In a communiqué signed during the launching ceremony, the representatives of the partner countries declared: "We are convinced that it is appropriate to begin the construction of the XFEL as quickly as possible in view of the international competition situation." They also stated their intention to sign a convention on the foundation of an XFEL Limited Liability Company responsible for the construction and operation of the European X-ray laser by the end of 2007.

[Read more](#)

Village fire inspections, power washing

Starting on Monday, June 4 through June 9, Fermilab Fire Department personnel will conduct fire and safety inspections of housing facilities. The alarm will be sounded. Residents do not need to be present during this inspection. Also, this week through mid July the housing office will powerwash residence exteriors beginning each weekday at 8:30 a.m. To schedule this work for a particular day and/or time please contact X3994.

Outreach workshop

The Fermilab Users' Organization will host an Outreach Workshop today from 9:00 a.m. to 3:30 p.m. in One West, followed by a Hands-on session on the second floor crossover in Wilson Hall (3:30 to 5:00 p.m.) [More information](#).

Pine street closed

On Tuesday and Wednesday, June 5 and 6, Pine Street will be partially closed from 7:30 a.m. to 6:00 p.m. Please use the Wilson Street gate as the detour route. [More information](#).

Parking ban along Kautz Road curve

For safety reasons, Fermilab is eliminating twelve parking spots along Kautz Road, along the curve near Swan Lake. Signs will be posted by Wednesday morning. [More information](#).

Weight Watchers at Fermilab

There will be a FREE open house meeting on June 20 at 12:30 p.m. in the WH15NW conference room. The next session of Weight Watchers meetings will begin on July 18. Weigh-in at Noon and class begins at 12:30 p.m. in the WH15NW conference room. This session will be a special summer short and will run for 9 weeks for the price of \$99.00. Questions or to register contact the Recreation Office, X2548 or X5427. Registration and payment is due by June 20 or June 27.

[Additional Activities](#)