

Calendar

[Have a safe day!](#)

Tuesday, May 5

2:30 p.m.

[Special Theoretical Physics](#)

[Seminar](#) - Curia II (NOTE

DATE and TIME)

Speaker: Sven-Olaf Moch,

DESY Zeuthen

Title: Top Quark Production at

Tevatron and LHC

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO

ACCELERATOR PHYSICS

AND TECHNOLOGY

SEMINAR TODAY

Wednesday, May 6

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Fermilab Colloquium](#) - One

West

Speaker: Paul Ginsparg,

Cornell University

Title: Open Access: From Myth

to Paradox

[Click here](#) for NALCAL,

a weekly calendar with links to additional information.

Weather

 **Partly cloudy**
72°/52°

[Extended Forecast](#)

[Weather at Fermilab](#)

[Current Security Status](#)

[Secon Level 3](#)

[Wilson Hall Cafe](#)

Feature

Plant a tree today in honor of Earth Day/Arbor Day



Employees and volunteers plant trees each year at the annual Earth Day/Arbor Day celebration. The 2009 event takes place at 11:30 a.m. today.

Nature-minded staff and volunteers can help Fermilab leave more than a particle physics legacy for future generations.

You can plant a tree or shrub today as part of the laboratory's annual Earth Day/Arbor Day celebration.

"Since the event began in 1994, staff and volunteers participating in this event have helped to reforest 119 acres of land," said Roads and Grounds' Martin Valenzuela, Earth Day/Arbor Day event organizer.

More than 1,200 trees and shrubs have been planted during the event's 15-year history – an average of 11 plants for each of the site's 6,800 acres.

"Our contribution is something to be proud of," Valenzuela said. "Two hundred years from now, when we're all gone and forgotten, there will be this legacy of trees for generations to come."

The event is supported by Fermilab's governing organization, Fermi Research Alliance, and the non-profit environmental organization, Fermi Natural Areas. It is the result of the Environmental Land Management Committee's long-range plan to reforest areas of the Fermilab site.

"We help nature by planting trees and shrubs. We're planting native plants to further enrich the ecosystem, to ensure the survival of these

Director's Corner

A consequential week



Minnesota Congressman James Oberstar and Illinois Congressman Bill Foster (center) break ground for the NOvA experiment building in Minnesota on May 1.

Last week was a multistate journey, highlighted by the [groundbreaking for the NOvA building in Minnesota](#) on Friday, made possible by the American Recovery and Reinvestment Act funding. It is the first groundbreaking for a major particle physics project in more than a decade. We hope it is the first of several during the next few years. The ceremony, with eloquent speeches by officials of the University of Minnesota, the Department of Energy, the NOvA experiment and Fermilab, and Minnesota Congressman James Oberstar and Illinois Congressman Bill Foster, was followed by enthusiastic digging with many shovels. It has taken the efforts of many to get to this important milestone. The project will enhance the nation's role in the world of physics and benefit immediately the surrounding communities in Minnesota and Illinois.

The day before the groundbreaking, a group of us including DOE's Associate Director for High Energy Physics, Dennis Kovar, visited Soudan, the former iron mine where the MINOS and CDMS experiments are housed. It is impressive to see the extensive underground facilities, 2,700 feet deep, which have been developed since the early 1980s, starting with those for the Soudan I proton decay experiment. Not only are the caverns large enough to house the 5-kiloton MINOS detector, but the underground laboratory provides the clean rooms necessary to maintain the CDMS detectors clear of any contamination and the cryogenic infrastructure to run detectors at 0.05 degrees Kelvin. The world-leading results of MINOS and CDMS

Tuesday, May 5

- Golden broccoli & cheese
- Southern style fish sandwich
- Coconut crusted tilapia
- Smart Cuisine: Chicken w/ arthichokes and mushrooms
- La grande sandwich
- Assorted sliced pizza
- Chicken fajitas

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, May 6 Lunch

- Smoky bacon and blue cheese
- Chicken salad pitas
- Apple walnut salad
- Lemon blueberry pound cake

Thursday, May 7 Dinner

- Goat cheese salad w/ hazelnut dressing
- Spiced stuffed pork roast w/ apple & thyme cream sauce
- Mashed potatoes
- Carrots & broccoli
- Toffee pecan nutmeg cake

[Chez Leon Menu](#)

Call x3524 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

species for years to come," Valenzuela said. "Our ecosystem provides food and shelter to wildlife. It isn't by chance that we see bird and animal species stopping by – they see something they like."

Planting takes place at 11:30 a.m. today near the Wilson Avenue guardhouse [\[see map\]](#).

Approximately 85 trees and shrubs are available for planting. Wear or bring clothes that can get dirty.

Visit the Earth/Arbor Day event [Web site](#) for more information.

-- *Rhianna Wisniewski*

Photo of the Day

DOE, Fermilab management visit future NOvA site



Young-Kee Kim, Fermilab deputy director; Dennis Kovar, Department of Energy associate director of science for high energy physics; Joanna Livengood, DOE Fermi site office manager; Mark Bollinger, deputy manager of DOE's Fermi Site Office; and Pier Oddone, Fermilab director, stand on large piece of granite polished by the glaciers located at the site where the NOvA detector building will be built. A groundbreaking event took place for the NOvA detector building on Friday, May 1, 2009.

In the News

attest to the performance and efficiency of the underground operations carried out by the University of Minnesota and Fermilab at Soudan.

On Wednesday, four of us, Deputy Director Young-Kee Kim, Associate Director for Accelerators Steve Holmes, Chief Operating Officer Bruce Chrisman and myself made an extensive presentation to DOE program managers in Washington, D.C. on Fermilab's plans for the future. It was the first time that the nominee for Undersecretary for Science, Steve Koonin, and the nominee for Director of the Office of Science, Bill Brinkman, heard our plans. The session was lively, with an engaged audience and many questions. I believe we made a clear and compelling case for the future of Fermilab.

Finally, over the weekend I attended the American Physical Society meeting in Denver and participated in two forums and a press conference. Fermilab contributed many results to the meeting across all our programs at the Energy, Intensity and Cosmic frontiers. It was also an important occasion to celebrate our own Keith Ellis who shared the Sakurai Prize of the APS for his many contributions to Quantum Chromodynamics, including applications to problems pivotal to the interpretation of high-energy particle collisions.

Accelerator Update

May 1-4

- Five stores provided ~52 hours of luminosity
- Four hour access into TeV A-E
- Problems with the Klystron Debuncher

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Latest Announcements

[French, Greek, and other ethnic dances in John Parrish workshop, May 14](#)

[Nanotechnology Lecture: Crafting of Self-Assembling Materials for Medicine & Energy - Fermilab Lecture Series May 29](#)

[Vanpool/Transit lunch and learn - May 13](#)

[Word 2007: New Features class today](#)

[Excel 2007: New Features class May 7](#)

Lecture nights reveal the physics of Angels & Demons

From *Interactions.org*, April 30, 2009

Editor's note:

Fermilab will host a public lecture on the science behind the movie Angels & Demons on Thursday, May 21, at 8 p.m. Tickets are \$5. To purchase tickets, call the box office at 630-840-2787.



The particle physics community is taking a walk down the red carpet, and invites everyone to join in.

On May 15, 2009, Sony Pictures Entertainment will release *Angels & Demons*, a major motion picture based on Dan Brown's best-selling novel. Starring Tom Hanks and directed by Ron Howard, the film focuses on an apparent plot to destroy the Vatican using antimatter made at the Large Hadron Collider and stolen from the European particle physics laboratory CERN.

Through a series of public lectures, scientists are using this opportunity to tell the world about the real science of antimatter, the Large Hadron Collider and the excitement of particle physics research. Across the United States and Canada, scientists from more than 30 colleges, universities and national laboratories will host public lectures as part of the "Angels & Demons Lecture Nights: The Science Revealed" event. More information about the series, including a list of lectures and local contacts, is available at www.uslhc.us/Angels_Demons.

[Read more](#)

[National Day of Prayer observance May 7](#)

[Best of Dance Chicago - Fermilab Arts Series - May 9](#)

[Argentine Tango classes through May 13](#)

[Rapid Hardware Prototyping and Industrial Control Application development seminar offered May 13](#)

[Co-ed softball season begins May 13](#)

[Angels & Demons Lecture Night: The Science Revealed - May 21](#)

[Deadline for The University of Chicago Tuition Remission Program - May 22](#)

[NALWO - Brown Bag Lunch - Chinese Pottery - May 26](#)

[Science adventures for children](#)

[Discounted rates at Grand Geneva Resort, Lake Geneva, WI](#)

[Summer co-ed volleyball league begins June 1](#)

[Registration for Users' Meeting is open](#)

[Conflict Management and Negotiation Skills class June 3 and 10](#)

[Discount tickets to "1964" ...Beatles tribute - June 6](#)

[Susan Werner - singer/songwriter performs on Arts Series](#)

[SciTech summer camps](#)

[Additional Activities](#)

[Submit an announcement](#)