

Calendar

[Have a safe day!](#)

Wednesday, July 15
9 a.m. - 6 p.m.

[International Neutrino Summer School](#)

3:30 p.m.
DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
4 p.m.
[Fermilab Colloquium](#) - in conjunction with Neutrino Summer School - One West
Speaker: Yossi Nir, Weizmann Institute of Science
Title: Flavour Physics in the LHC Era

Thursday, July 16
9 a.m. - 6 p.m.

[International Neutrino Summer School](#)

2 p.m.
[Computing Techniques Seminar](#) - FCC2A/2B
Speaker: Massimo Di Piero, DePaul University
Title: Building Web Based Database Driven Applications and User Interfaces with web2py
2:30 p.m.

[Theoretical Physics Seminar](#) - Curia II

Speaker: Raj Gandhi, Harish-Chandra Research Institute
Title: Diffuse UHE Neutrino Fluxes and Physics Beyond the Standard Model
3:30 p.m.
DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
4 p.m.

[Accelerator Physics and Technology Seminar](#) - One West

Speaker: Toru Ogitsu, KEK/J-PARC
Title: Superconducting Magnet System for J-PARC Neutrino Beam Line

[Click here](#) for NALCAL,

Feature

How does your prairie grow?



[Prairie Quadrat program attendees identify prairie plants on June 30.](#)

Summer is show time for Fermilab flora: out of the grassy green prairie pop the bright yellow blooms of compass plants, the tiny white buds of wild quinine and the pale purple blooms of coneflowers. From a single square meter of earth, plants of 10 or more species might spring up in brilliant color.

You can glimpse the display from your office or car window, but you can also get shoulder-deep in the plant life as a participant in the Fermilab Prairie Quadrat Program. Attendees will have the chance to do useful science while admiring the native art.

Throughout July and August, Fermilab employees and members of the public will have four opportunities to participate in morning-long surveys of the Fermilab plant population. In small groups, volunteers will focus on a square meter of vegetation, called a quadrat. With help from docents and field guides, they will identify each plant in their quadrat and record their findings on a paper grid. After about two hours in the field, the team will head back to the Lederman Science Center to enter the data in an [online archive](#).

"The Prairie Quadrat Program gives the public a chance to see what it's like to be a field scientist," explained Sue Sheehan, an education program leader at the Science Center. During its 17-year history, the program has hosted hundreds of volunteers, ranging from elementary students to Ph.D. physicists.

The program has also given experts a valuable look into the health of Fermilab's

From FESS

Checking our mission readiness

Randy Ortgiesen, head of the Facilities Engineering Services Section, wrote this week's column.

Facilities and infrastructure management are critical aspects of laboratory stewardship responsibilities. How a laboratory manages, operates, maintains, revitalizes and plans for its property is an important part of how well it can fulfill its scientific mission.



Randy Ortgiesen

Executive Order 13327, "Federal Real Property Asset Management," directs federal agencies to establish and promote the efficient and economical use of buildings, utilities, roadways, tunnels and other structures and facilities owned by the federal government. Through various activities such as requesting additional data from laboratory managers and making visits to its laboratories, the DOE Office of Science has created an improved inventory of its assets, the condition they are in and the investments that have been made or are planned to keep the inventory operational. A database known as the DOE Facility Information Management System captures all this information.

The DOE Office of Science adopted and approved a mission readiness process developed and proposed by its national laboratories, including Fermilab. The process evaluates existing real property resources and compares them to current and future needs. Gaps that would prevent a laboratory from fulfilling its mission result in new projects or a search for alternatives to ensure the mission can be fulfilled. For Fermilab, this process has already resulted in multi-million dollar utility projects that are being planned for FY12 and FY13.

Peer reviews, in which asset management experts from DOE national laboratories as well as private industry visit each laboratory, will ensure the consistent implementation of this process. The first peer reviews have already

a weekly calendar with links to additional information.

Campaigns

Take Five

Tune IT Up

Weather



Chance of thunderstorms 85%/63°

[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

Secon Level 3

Wilson Hall Cafe

Wednesday, July 15

- Portabello harvest grain
- Santa Fe chicken quesadilla
- Hoisin chicken
- Parmesan fish
- Cuban panini
- Assorted sliced pizza
- Pesto shrimp linguini w/leeks & tomatoes

Wilson Hall Cafe Menu

Chez Leon

Wednesday, July 15

Lunch

- Maple bourbon glazed salmon
- Roasted potatoes
- Baby carrots w/dill
- Caramel apple shortcake

Thursday, July 16

Dinner

- Melon & prosciutto
- Herbes de Provence - crusted lamb chops
- Grilled new potatoes w/mint
- Steamed green beans
- Blueberry-blackberry shortcakes

[Chez Leon menu](#)

natural areas. Quadrat studies have helped document the restoration of farmland to a diverse prairie ecosystem.

"It comes back to saving a habitat," Sheehan said. "Saving a prairie is just as important as saving a rainforest. We're trying to restore this site to what Illinois used to be."

Would you like to join the effort? [Sign up here](#) to participate in studies scheduled for July 16, July 25, August 4 and August 13, from 9 a.m. to noon each day.

-- Rachel Carr

Special Announcement

Special seminar by KEK DG Atsuto Suzuki today



Professor Atsuto Suzuki, director general for KEK, the national laboratory for high-energy physics in Japan, will give a presentation at 2 p.m. on Wednesday, July 15, at Northwestern

University's Department of Physics and Astronomy.

Professor Suzuki will present a detailed overview of the present and future projects at KEK. He will talk about the Japan Proton Accelerator Research Center (J-PARC), which is currently coming into operation and will provide the world's highest-intensity beams of hadrons and neutrinos; the B-factory, including its detector, Belle, which is setting records in electron-proton annihilation intensities; and plans for a Super-B factory.

The presentation will begin at 2 p.m. Coffee will be served at 1:45 p.m. Northwestern University's Department of Physics and Astronomy is located at 2145 Sheridan Road, Room F-235, in Evanston, Il.

In the News

taken place at Oak Ridge, Pacific Northwest and Lawrence Berkeley national laboratories. Fermilab engineers and our Chief Operating Officer, Bruce Chrisman, in some combination were present at these peer reviews.

Fermilab's mission readiness peer review will take place in FY11. It will assess how we have matched our assets to present and future activities in support of all ongoing and future laboratory operations.

Safety Update

ES&H weekly report July 14, 2009

This week's safety report, compiled by the Fermilab ES&H section, includes no reported injuries. We have now worked 17 days without a recordable injury.

Find the full report [here](#).

[Safety report archive](#)

Announcements

Latest Announcements

[Entry-level lectures on neutrino work - July 20](#)

[Change to Users' Office hours](#)

[Time to complete accomplishment reports](#)

[Bristol Renaissance Faire discount tickets](#)

[On-site housing-fall 2009/spring 2010](#)

[Six Flags Great America discount tickets](#)

[Pool memberships available in the Recreation Department](#)

[Raging Waves Waterpark online discount ticket program](#)

[Toastmaster Meeting - July 23](#)

[MathWorks free seminar - July 15](#)

[English Country Dancing, July 19](#)

[Argentine Tango classes through July 22](#)

Call x3524 to make your reservation.

[Archives](#)

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[User University Profiles](#)

[ILC NewsLine](#)

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Fermilab Today

is online at:

www.fnal.gov/today/

Send comments and suggestions to:

today@fnal.gov

Visit the Fermilab [home page](#)

New director of the DOE Office of Science addresses advisory committee

From *AIP FYI*, July 14, 2009

William Brinkman, the new Director of the Department of Energy's Office of Science had been in his new position for about two weeks when he appeared before the Basic Energy Sciences Advisory Committee on July 9. Brinkman spoke to the committee for about 40 minutes, describing DOE's science programs, the FY 2010 request, and his perspectives on several key issues. His presentation focused on the Office of Science's three overarching themes: science for national needs, science for discovery, and national scientific user facilities. Among the topics he discussed were:

USER FACILITIES:

When commenting on DOE's user facilities, Brinkman said Fermilab's Tevatron will be kept in operation until the Large Hadron Collider "really starts doing things." In discussing ITER, he told the committee that it was both a fusion experiment and an experiment in international partnerships. Brinkman described his pride in the large numbers of users for the department's scientific facilities – especially the light sources. He wants to increase the number of users of the department's nanoscale facilities.

[Read more](#)

[Intermediate/Advanced Python Programming July 22-24](#)

[Accelerated C++ Short Course begins August 6](#)

[Outlook 2007: New Features class August 6](#)

[The University of Chicago Tuition Remission Program August 17 deadline](#)

[Process piping \(ASME B31.3\) class offered in October](#)

[Additional Activities](#)

[Submit an announcement](#)