

Calendar

[Have a safe day!](#)

Wednesday, Sept. 9

11 a.m.

All-hands meeting - Ramsey Auditorium

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

[Fermilab Colloquium](#) - One West

Speaker: Andrei Seryi, SLAC National Accelerator Laboratory
Title: Plasma Wakefield Acceleration and FACET – Facilities for Accelerator Science and Experimental Test Beams at SLAC

Thursday, Sept. 10

2 p.m.

[Computer Techniques Seminar](#)

- FCC2A/2B

Speaker: Stefan Lueders, CERN

Title: Control System Cyber-Security

2:30 p.m.

[Theoretical Physics Seminar](#) -

Curia II

Speaker: Markus Schulze, Johns Hopkins University

Title: Generalized Unitarity and Top Quark Physics

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

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

West

Speaker: Alexander Mikhailichenko, Cornell University

Title: Advanced Concept for High-Energy Accelerator

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

Special Announcement

All-Hands meeting 11 a.m. today in Auditorium

At 11 a.m. today in Ramsey Auditorium, Director Pier Oddone will discuss the status of the laboratory and operational initiatives. All Fermilab employees are encouraged to attend.

Feature

Baltimore butterflies relocate to Fermilab



Conservationists from the Peggy Notebaert Nature Museum transfer caterpillars onto turtlehead plants at Fermilab.

Conservationists from the Chicago Academy of Science's Peggy Notebaert Nature Museum in Lincoln Park released a new species of butterflies, the Baltimore checkerspot, Monday, Aug. 31, into Fermilab's westside prairies.

TD's Tom Peterson and the Chicago museum staff have been working to conserve and expand butterfly populations in northern Illinois. The nature museum donated more than 100 caterpillars, 1/4 to 3/8 millimeter long, in hopes that the species will gain a foothold at the laboratory.

"This is a way to help keep them off the endangered list," said Doug Taron, curator of biology at the museum.

The Baltimore checkerspots exist in only 15 locations across the Chicagoland region of Kane, Cook, DuPage, Will, Lake and McHenry counties.

Fermilab is one of the few places that have the native wetland plants needed to sustain the non-migratory species. Fermilab has been planting the butterflies' favorite turtlehead

From the Business Services Section

Preparing for flu season

Dave Carlson, head of the Business Services Section, wrote this week's column.

The Business Services Section is working with Fermilab's H1N1 planning group to ensure continuity of operations in the event that the H1N1 flu takes a heavy toll on employees. Part of the section's effort has been to provide support to the planning group by identifying and purchasing special supplies and increasing our existing stockroom inventory of health protection products.



Dave Carlson

The BSS stores group placed an order for about 70 wall-mount hand sanitizer dispensers and a supply of refills for distribution to authorized individuals to install in key areas around the laboratory.

The stockroom in Warehouse #2 at Site 38 has ordered extra quantities of existing [disposable gloves](#), [disinfectant spray](#) and 16-ounce pump bottles of [hand sanitizer](#). Stockroom personnel also are adding some new items to the inventory: [disinfecting wipes](#), 2-liter hand sanitizer pump bottles for high-use shared areas and face masks. The latter two items will be issued only to employees who are authorized by the ES&H Section to represent their respective division, sections and centers.

Items may be picked up at the stockroom or ordered on-line at <http://www-stock.fnal.gov/stock/>.

We hope this flu season will pass with barely a shudder, but we will be prepared regardless.

Safety Update

Campaigns
Take Five
Tune IT Up
Weather
 Sunny 79°/60° Extended Forecast Weather at Fermilab
Current Security Status
Secon Level 3
Wilson Hall Cafe
Wednesday, Sept. 9 - 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, Sept. 9 Lunch - Chicken Marbella - Saffron rice w/vegetables - Chocolate cheesecake w/ strawberry coulis Thursday, Sept. 10 Dinner - Closed Chez Leon Menu Call x3524 to make your reservation.
Archives

plants as part of the laboratory's native prairie restoration program.

Using tiny paint brushes, the caterpillars were laid on plant heads where they will form cocoons. Black and orange winged adults should emerge next summer.

The donation of a new type of butterfly to add to the 55 species at Fermilab was a thank you of sorts to the laboratory for helping the nature museum.

Last year, Fermilab collected about a dozen pregnant purplish copper butterflies and donated them to the museum so that the museum could breed the rare species. That allowed for conservationists to put 2,000 larvae in a Lake County forest preserve.



[A Baltimore checkerspot butterfly.](#)

-- Tona Kunz

Special Announcement

New federal regulation may mean staff will contact you

A new federal regulation that went into effect on Sept. 8 will soon become part of FRA's contract with the Department of Energy. This regulation will require Fermilab to review original I-9 employment eligibility forms for all current employees hired after Nov. 6, 1986. The laboratory will be required to verify those documents prior to submitting them to the federal government's e-verify system. The International Services Offices staff may contact employees about information on forms that seems to be missing or out of date.

In the News

ES&H weekly report Sept. 8, 2009

This week's safety report, compiled by the Fermilab ES&H section, includes no reportable accidents. We have now worked 18 days since the last recordable injury.

Find the full report [here](#).

[Safety report archive](#)

Announcements

Latest Announcements

[Argentine Tango through Sept. 30](#)

[Fermilab Toastmasters can help you find your voice - Sept. 17](#)

[Chicago Field Office of Intelligence and Counterintelligence to offer counterintelligence cyber awareness seminar - Sept. 15](#)

[Bowlers wanted Wednesday nights](#)

[Thai Village restaurant discount](#)

[Robotics for Fermilab employees' children](#)

[Argentine Tango through Sept. 9](#)

[Scrapbooking Open House - Sept. 14](#)

[New Lo Cardio class - Sept. 14 - Nov. 16](#)

[New Tai Chi For Health class - Sept. 14 - Nov. 16](#)

[URA Visiting Scholars Program now accepting applications](#)

[Six Flags Great America discount tickets](#)

[S&T Policy: A View from Washington, D.C. - Sept. 18](#)

[Mosaico Hispanico - celebrating Hispanic music and dance - Sept. 19](#)

[English Country Dancing - Sept. 20](#)

[MathWorks and Avnet demonstration Sept. 23](#)

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[User University Profiles](#)

[ILC NewsLine](#)

Info

Fermilab Today

is online at:

www.fnal.gov/today/

Send comments and suggestions to:

today@fnal.gov

Visit the Fermilab

[home page](#)

Space station experiment to hunt antimatter galaxies

From **Space.com**, Sept. 2, 2009

Antimatter galaxies and dark matter have long haunted physicists' theories, but no instrument in orbit has had the power to confirm or deny their existence. Now a \$1.5 billion cosmic ray detector scheduled for launch in 2010 could usher in a new era for discovering all that's weird and wonderful about the universe.

Cosmic rays consist of high-energy particles that emerge from catastrophic events such as supernovas, and may also hold the clues to whether antimatter galaxies and dark matter truly exist. Detecting cosmic rays firsthand from the ground has proved difficult, because they collide with atoms in Earth's atmosphere and break up into a shower of secondary

[Read more](#)

[Sign up for fall Science Adventures classes](#)

[Office 2007 New Features class offered in September](#)

[Buttered Rum performs on Fermilab Arts Series Oct. 24](#)

[Fred Garbo Inflatable Theatre - at Fermilab Arts Series - Nov. 7](#)

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

["The Night Before Christmas Carol" at Fermilab Arts Series - Dec. 5](#)

[Additional Activities](#)

[Submit an announcement](#)