

Calendar

Friday, May 21

1:00 p.m. Theoretical Physics Seminar - WH-3NE - Theory Conf. Rm. (NOTE DATE, TIME, LOCATION)

Speaker: Y. Shadmi, Technion

Title: The Importance of Being

Majorana: Neutrinos versus Charged Fermions in Flavor Models

3:30 p.m. Wine & Cheese - 2nd Flr X-Over

4:00 p.m. Joint Experimental

Theoretical Physics Seminar - 1 West

Speaker: D. Soper, University of

Oregon

Title: Diffractive Hard Scattering: What Have We Learned?

8:00 p.m. Fermilab Public Lecture Series - Auditorium

Title: The Search for Extra Dimensions

Speaker: J. Lykken,

Fermilab/University of Chicago

Tickets: \$5

Monday, May 24

2:30 p.m. Theoretical Astrophysics Seminar - Curia II

Speaker: D. Fox, California Institute of Technology

Title: Early-Time Observations of Gamma-Ray Bursts

3:30 p.m. DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over

4:00 p.m. All Experimenters' Meeting - Curia II

Special Topic: Critical Feeder Replacement Project

Wilson Hall Cafe

URA Runs Science Ads in *The Washington Post* to Influence Policy Makers

Promoting research in basic science, six advertisements will appear in *The Washington Post* in May and early June.

The first set of ads ran in *The Washington Post* last week, and the second set appears in the paper this week. Through the

combined efforts of Universities

Research

Association, Inc.,

Research! America

and The Science

Coalition, the ads seek to educate policy makers on the importance of funding basic science, even when government resources are scarce.

[View the First Set of Ads](#)

[View the Second Set of Ads](#)



Recent Butterfly Sightings at Fermilab



A very fresh looking Luna moth on Fermilab's site (Courtesy Tom Peterson)

Electrical Safety Month Profiles

In connection with Electrical Safety Month, Fermilab Today offers a series of profiles recognizing Electrical Safety Managers at Fermilab.

Electrical Safety Manager Jack MacNerland

As the Feynman Computing Center's Building Manager and as electrical coordinator, construction coordinator and a task manager for the Computing Division, Jack MacNerland juggles many different tasks

every day. In everything he does, however, safety is always a priority.

"We try to maintain the same safety procedures

throughout our system," said MacNerland, who is also a member of the lab's safety committee. "I want our employees to go home exactly the way they came here in the morning. It's not so important that tasks get done quickly, but that they are done well and safely."

As the FCC's first building manager, MacNerland was responsible for adapting the laboratory's safety procedures for use in the CD. With the amount of computing power continually increasing, he now faces the challenge of adapting an older building to current requirements. Air conditioning, power supplies and electrical conduits all require upgrades



Jack MacNerland

Friday, May 21

New England Clam Chowder

Western BBQ Burger \$4.75

Turkey Pan Pie with Puff Pastry Top

\$3.50

Bistro Chicken & Provolone Panini

\$4.75

Assorted Personal Pizzas \$3.75

Carved Top Round of Beef \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

Weather



Chance Thunderstorms 83%/65°

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

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Fermilab engineer and butterfly expert

Tom Peterson reports a recent

sighting of a Luna moth on Fermilab's

site. "Something great is that people

have started to call me when they see

something like this Luna moth or the

Meadow Fritillaries," Peterson said.

"The first two butterfly/moth highlights

of the year were by other people." In

his report, Peterson writes that Bill

Griffing and Tim Miller of ES&H

spotted the Luna moth along the path

between the Lederman Education

Center and Wilson Hall. Peterson

found three Luna moths later that

same evening. Luna moths are

members of the Giant Silk Moth family

(Saturniidae). They feed as caterpillars

on walnut and other trees and

overwinter in a cocoon on the ground.

Like other giant silk moths, they do not

feed as adults and live for

approximately a week. They rest

during the day, usually well-hidden in

the green vegetation, fly at night, and

are quite attracted to lights.

[Other Recent Butterfly Sightings at](#)

[Fermilab](#)

In the News

From *Universe Today*, May 20, 2004

Asteroids Change Colour With Age

In an article published today in the

journal Nature, a team led by Robert

Jedicke of the University of Hawaii's

Institute for Astronomy provides

convincing evidence that asteroids

change color as they age.

David Nesvorny, a team member from

the Southwest Research Institute in

Boulder, CO, used a variety of

methods to estimate asteroid ages that

and maintenance to keep the FCC in

good working order, necessitating

many hours of work by electricians

and contractors.

"We make sure everyone carries a non-

invasive electric tester to make sure

electrical circuits are off when they

should be," explained MacNerland.

"They also use a voltmeter to double-

check within the panel that nothing is

live."

Announcements

NALWO Annual Spring Tea

NALWO invites Fermilab women to the

Annual Spring Tea at Beth Witherell's

home at Site 29, Monday May 24 from

10:00 a.m. to noon.

[more information](#)

New Classified Ads Posted on

Fermilab Today

New [classified ads](#) have been posted

on *Fermilab Today*. A permanent link to

the classifieds is located in the bottom

left corner of *Fermilab Today*.

Free English Classes

NALWO-sponsored free English

language classes for beginning and

advanced levels are Fridays at the

Users Center from 9:30 a.m. to 11:00

a.m.

Electrical Town Hall Meeting

The Electrical Safety Subcommittee is

offering an Electrical Town Hall

Meeting on May 25 from 11:00 a.m. to

1:30 p.m. in One West. Drop in any

time to have your questions answered.

Topics can range from Fermilab's

Electrical Safety Policies to power

feeders to woodpecker worries. For

range from 6 million up to 3 billion years. Accurate color measurements for over 100,000 asteroids were obtained by the Sloan Digital Sky Survey (SDSS), and catalogued by team members Zeljko Ivezic from the University of Washington and Mario Juric from Princeton University.

[read more](#)

more information, contact [Bob Ducar](#).