

## Calendar

### [Have a safe day!](#)

Monday, Oct. 12

2:30 p.m.

#### [Particle Astrophysics Seminar](#)

- One West

Speaker: Brian Yanny,  
Fermilab

Title: The SEGUE Survey:  
Constraints on Dark Matter  
from the Kinematics of a  
Quarter Million Stars

3:30 p.m.

DIRECTOR'S COFFEE

BREAK 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting

Special Topic: ArgoNeuT Curia

II

Tuesday, Oct. 13

3:30 p.m.

DIRECTOR'S COFFEE

BREAK 2nd Flr X-Over

THERE WILL BE NO  
ACCELERATOR PHYSICS  
AND TECHNOLOGY  
SEMINAR TODAY

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

## Campaigns

### [Take Five](#)

### [Tune IT Up](#)

## Weather

 Cloudy  
49°/34°

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

## Current Security Status

## Feature

### A champion of the Tevatron earns APS accolades



Fermilab scientist John Peoples earned the 2010 Robert Wilson prize.

A premier science group selected former Fermilab director John Peoples for its top honor: the American Physical Society's Division of Particles and Fields 2010 Robert R. Wilson Prize.

The award recognizes outstanding achievement in the physics of particle accelerators and was named to honor Fermilab's first director, Robert Wilson. For Peoples, that makes the award even more special because he worked with Wilson and helped keep alive his dream of reaching the energy frontier.

Peoples shepherded the development of many key aspects of Fermilab's collider program in a variety of ways from 1972 to 1999: as designer, project manager, laboratory director and advocate for funding. He has a knack for reviving flagging projects, recognizing good ideas that extend physics output, finding the right people to build them and rallying Congressional and funding agency support around those projects.

Peoples' guidance allowed Fermilab's Tevatron, the world's most productive proton-antiproton collider, to continue to ramp up luminosity to more than 300 times its initial design, putting discoveries such as the top quark, and potentially the Higgs boson, within reach.

## ES&H Tips of the Week - Ecology



### Environmentally preferable purchasing strategies



The Fermilab Fuel Station makes E85, bio-diesel and compressed natural gas available for alternative-fuel vehicles.

Last year, Fermilab bought approximately \$130 million worth of goods and services. Some purchases were extremely specialized, such as engineering and architectural services, but many were everyday items: gasoline, electricity, office supplies, vehicles, etc.

As a federal facility, Fermilab must implement an environmentally preferable purchasing program that minimizes the impact of our purchases on the environment. We do that by specifying that a certain percentage of many items, such as paper, steel and concrete, contain recycled material.

In our attempt to be as environmentally conscientious as possible, we need to recognize that everything we buy, whether it's a service or stuff, represents an expenditure of energy. It takes energy to produce or extract raw materials, to transport them to manufacturers and then to retailers. In sustainability terms, the sum of the energy needed for all of these activities is the item's embodied energy.

We are currently making a major transition in our vehicle fleet by using energy-saving vehicles, such as hybrids, and using alternative fuels, such as bio-diesel and E85. Minimizing transportation by purchasing from vendors located as close to us as possible is another way to minimize embodied energy. It costs a lot less to deliver a ream of recycled printer paper from Chicago than from San Francisco.

[Secon Level 3](#)[Wilson Hall Cafe](#)

Monday, Oct. 12

- Croissant sandwich
- French Quarter gumbo soup
- French dip with horseradish cream
- Santa Fe pork stew
- Country baked chicken
- Popcorn shrimp wrap
- Assorted slices of pizza
- Sweet and sour chicken with egg roll

[Wilson Hall Cafe Menu](#)[Chez Leon](#)

Wednesday, Oct. 14

Lunch

- Broiled tilapia with Thai coconut curry sauce
- Basmati rice
- Julienne of peppers
- Pear and ginger crisp

Thursday, Oct. 15

Dinner

- Spring mix salad with ruby grapefruit and toasted almonds
- Lamb chops with herb and olive crust
- Orange scented rice pilaf with fennel
- Vanilla ice cream with espresso-caramel sauce

[Chez Leon Menu](#)

Call x3524 to make your reservation.

[Archives](#)[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[CMS Result of the Month](#)[User University Profiles](#)[ILC NewsLine](#)

The award committee cited Peoples "For critical and enduring efforts in making the Tevatron Collider the outstanding high energy physics accelerator of the last two decades."

[Read more](#)— *Tona Kunz*[Special Announcement](#)**Register now for Workshop on Applications of High- Intensity Proton Accelerators**

Register now for the [Workshop on Applications of High-Intensity Proton Accelerators](#), which will take place at Fermilab Oct. 19-21. Workshop attendees will discuss the challenges of building a high-intensity proton accelerator, with a focus on superconducting linear accelerators and their potential applications for such areas as discovery science, nuclear energy and waste transmutation. The workshop will help enable the design of Project X and other future accelerators that may use superconducting radio frequency technology.

[More information](#)[Milestones](#)

**Editor's note:** Fermilab Today *has rekindled the milestones section. Births, deaths, birthdays, weddings and other notable news from Fermilab employees and users will be included here on a regular basis.*

Birthdays:

Frank Turkot, former Fermilab employee and current guest scientist, celebrated his 80th birthday on Sept. 29. Turkot was head of the Main Ring group/department in the late '70s and early '80s.

Deaths:

John Elias, former CMS scientist and current PPD guest scientist died Oct. 7. *Fermilab Today* will provide more information when it becomes available.

Art Streccius, 81, died Aug. 10. Streccius, an industrial engineer, was employed by the National Research Laboratory to help construct Fermilab. He worked at the laboratory until he retired in 1985. Read his [obituary](#).

EPP principles are also applicable at home. Many of us recycle and buy products made of recycled materials, but we can take that idea even further. We can reduce transportation costs and embodied energy by purchasing locally grown food, hence the popularity of farmers' markets. Product packaging is another energy cost, so we can help by choosing products with less packaging whenever possible. Of course, choosing to purchase items that are recyclable after their useful lives helps the environment as well.

Keeping these principles in mind, and thinking of embodied energy is a useful way to make purchasing decisions for Fermilab and for all of us.

— *Rod Walton, Fermilab ecologist*[Safety Tip of the Week Archive](#)[Accelerator Update](#)

Oct. 7-9

- Four stores provided approximately 41.75 hours of luminosity
- Linac output problems

[Read the Current Accelerator Update](#)[Read the Early Bird Report](#)[View the Tevatron Luminosity Charts](#)[Announcements](#)[Claim your bikes outside Wilson Hall](#)[Scrapbooking Club open house today](#)[NALWO seminar - An Introduction to Neurofeedback - Oct. 14](#)["Dealing With Difficult People" Lunch & Learn - Oct. 14](#)[Fermilab Toastmaster can help you find your voice - Oct. 15](#)[Thai Village restaurant discount](#)[Fermilab hosts Workshop on Applications of High-Intensity Proton Accelerators - Oct. 19-21](#)[Access 2007: Intro class - Oct. 20](#)[Interpersonal Communication Skills class - Oct. 21](#)[Buttered Rum performs at Fermilab](#)

## Info

Submit your [milestones](#) to *Fermilab Today*.

*Fermilab Today*

is online at:

[www.fnal.gov/today/](http://www.fnal.gov/today/)

Send comments and suggestions to:

[today@fnal.gov](mailto:today@fnal.gov)

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## In the News

## Moishe Pripstein awarded Andrei Sakharov Prize

From *Today at Berkeley Lab*, Oct. 5, 2009

The American Physical Society (APS) has awarded Morris (Moishe) Pripstein the 2010 Andrei Sakharov Prize "For tireless and effective personal leadership in defense of human rights of scientists throughout the world." In the late 1970s Pripstein was a founder of a group of scientists who lobbied the Soviet Union until they succeeded in obtaining freedom from internal exile for Sakharov and fellow dissidents Natan Sharansky and Yuri Orlov.

Read more [here](#).

[Arts Series - Oct. 24](#)

[Director's Award nominations accepted until Oct. 26](#)

[Conflict Management and Negotiation Skills - Oct. 28, Nov. 11](#)

[Facilitating Meetings That Work - Nov. 4](#)

[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](#)

[Scottish Country dancing Tuesday evenings at Kuhn village barn](#)

[Weight Watchers at Work coming soon](#)

[Discount Fright Fest tickets available](#)

[Annual Enrollment now running](#)

[Discount movie tickets available](#)

[Mentors wanted for Diversity Office's FermiLINK program](#)

[Additional activities](#)

[Submit an announcement](#)