

## Calendar

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

Friday, Feb. 26

3:30 p.m.

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
THERE WILL NOT BE A  
JOINT EXPERIMENTAL-  
THEORETICAL PHYSICS  
SEMINAR TODAY

Monday, March 1

2:30 p.m.

### [Particle Astrophysics Seminar](#)

- Curia II

Speaker: Sam Waldman,  
Massachusetts Institute of  
Technology  
Title: How Small is Too Small?  
Measuring Gravitational  
Waves with Advanced  
Detectors

3:30 p.m.

DIRECTOR'S COFFEE  
BREAK - 2nd Flr X-Over  
4 p.m.

All Experimenters' Meeting -  
Curia II  
Special Topic: CMS/LHC  
Report

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

### [Upcoming conferences](#)

## Campaigns

### [Take Five](#)

### [Tune IT Up](#)

## H1N1 Flu

For information about H1N1,  
visit Fermilab's flu information  
[site](#).

## Special Announcement

### Computing update

A new Recovery Command Center has become a base of operations for recuperating from an electrical breaker trip that shut down several computing services at the laboratory on Feb. 17.

The Computing Division's Stu Fuess, Eileen Berman and Adam Walters lead meetings there each morning at 9 a.m. to discuss continuing strategy.

In the next week, CD employees will begin to move a group of machines, including some that help run scientific computing services and some that allow computer programmers to write and test software, from the Feynman Computing Center to the Grid Computing Facility. This will result in a temporary reduction of some related services.

CD employees will contact those who will be affected before making the move. Core IT servers that run e-mail, printing and fnal.gov Web sites will not be affected.

The move will ease the burden on the FCC's power supply as CD employees recover systems and services that have remained down since the breaker trip. FCC has been running at reduced power to prevent a possible recurrence of the trip. FESS employees are working on a plan to provide the computer rooms with more power.

If you have questions about the availability or priority of systems or services, please contact the Fermilab Service Desk at x2345 or through its [Web site](#). The Computing Division will continue to provide updates about the recovery process and continued investigation into the outage.

-- *Vicky White, acting associate laboratory director for computing*

## Recreation Feature of the Month

## Recovery Act Feature

### Recovery Act funds young U. of Colorado, LBNE physicist



Alysia Marino

Alysia Marino always knew she'd be a scientist of some kind. Still, it's something of a happy accident she ended up in physics.

"I think I was too klutzy for chemistry and too squeamish to really cut things open," she said. Physics required neither a steady hand nor a strong stomach, and so far the choice has proved a fruitful one for the University of Colorado assistant professor. Marino was recently awarded a five-year, \$750,000 early career research grant from the Department of Energy, under the American Recovery and Reinvestment Act.

Marino will focus on long-baseline neutrino research—first, for Japan's T2K experiment, then for Fermilab's Long Baseline Neutrino Experiment. For the LBNE, Marino will concentrate on neutrinos and how to better measure their fraternal twins—muons—when they're fresh out of the beam source and beginning their journey.

The New Jersey native first encountered particle physics as a Princeton undergrad studying rare kaon decay. "It was the first time I really learned about how you detect all these short-lived particles," she said. She was hooked.

From particles that disappear in the blink of an eye, Marino moved on to particles as hardy as a Galapagos tortoise, but far more difficult to

## Weather

 Mostly sunny  
33°/17°

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

## Current Security Status

Secon Level 3

## Wilson Hall Cafe

Friday, Feb. 26

- Breakfast: Chorizo burrito
- New England clam chowder
- Black & blue cheeseburger
- Tuna casserole
- Dijon meatballs over noodles
- Bistro chicken & provolone panini
- Assorted sliced pizza
- \*Carved top round of beef

[Wilson Hall Cafe menu](#)

## Chez Leon

Wednesday, March 3

- Lunch
- Roasted flank steak w/herb rub
  - Smashed potatoes
  - Baby carrots
  - Lemon cheesecake

Thursday, March 4

- Dinner
- Spinach & feta strudel
  - Herb crusted lamb rib chops
  - Tomato risotto
  - Grilled vegetables
  - Lemon blueberry parfait

[Chez Leon menu](#)

Call x3524 to make your reservation.

## Archives

## Classes, events and discounts for March



**RECREATION**

**CLASSES**

**Wellness Training Class**  
March 2 - 11:30 a.m. - 12:30 p.m.  
Recreation Facility

**Yoga Class**  
March 2 - 11:30 a.m. - 12:30 p.m.  
Recreation Facility

**Butts and Guts Class**  
March 2 - 11:30 a.m. - 12:30 p.m.  
Recreation Facility

**Book Fair**  
March 24 - 10 a.m. - 4 p.m.  
March 25 - 8 a.m. - 3 p.m.  
Wilson Hall Atrium

**WELLNESS**

**Lunch & Learn**  
Kidney Stone Management  
March 18, 12:00 p.m. - 1:00 p.m.  
Wilson Hall, Curia II, 2nd floor

**Weekly Qi Gong, Mindfulness, and Tai Chi Easy for Stress Reduction**  
March 29 - 12:00 p.m. - 12:45 p.m.  
Recreation Facility

**Weight Watchers at Work Program**  
March 29 - 12:00 p.m. - 12:45 p.m.  
Recreation Facility

**CLUBS**

**Amateur Radio Club**  
March 31, 12:00 p.m. - 1:00 p.m.  
Wilson Hall, 2nd floor

**SPECIAL EVENT**

**Book Fair**  
March 24 - 10 a.m. - 4 p.m.  
March 25 - 8 a.m. - 3 p.m.  
Wilson Hall Atrium

**DISCOUNTS**

**Book Fair**  
March 24 - 10 a.m. - 4 p.m.  
March 25 - 8 a.m. - 3 p.m.  
Wilson Hall Atrium

Fermilab ENERGY

Fitness classes starting soon:

- Muscle Toning: 5:30-6:30 p.m. on Tuesdays and Thursdays, March 2 – April 29, Recreation Facility. Fee: \$86/person
- Yoga: noon – 1 p.m. on Tuesdays, Beginning March 9 (8 week session), Wilson Hall Auditorium. Fee: \$85/person
- Butts & Guts: noon – 12:45 p.m. on Mondays, March 29 – May 17, Recreation Facility. Fee: \$53/person
- Kyuki Do: 5-6 p.m. on Mondays and Wednesdays, March 29 – May 5, Recreation Facility. Fee: \$55/person

This month, the Benefits/Recreation Department will also sponsor the following wellness events:

- Lunch & Learn about kidney stone management: noon-1 p.m. on Thursday, March 18, Wilson Hall, Curia II, 2nd floor. Presenter: Dr. Azeem Haleem.
- Weekly Qi Gong, Mindfulness, and Tai Chi Easy for Stress Reduction: 12-12:45 p.m. on Fridays in the Wilson Hall Auditorium.

Club meetings:

- Toastmasters: noon-1 p.m. on Thursday, March 4 & 18, Wilson Hall, 7th Floor Racetrack. [More information](#)
- Sustainable Energy Club: 5:10 p.m. on Tuesday, March 16, User's Center Music Room
- Amateur Radio Club: noon-1 p.m. on Wednesday, March 31, Wilson Hall, 2nd Floor Crossover

Athletic leagues:

Open badminton: 11 a.m.-1 p.m. Wednesdays in the Recreation Facility Gym. Contact [achou@fnal.gov](mailto:achou@fnal.gov).

Special event:

Book Fair: 10 a.m.-4 p.m. on Wednesday, March 24, and 8 a.m.-3 p.m. on Thursday, March 25. Wilson Hall Atrium.

Employees and users can also contact the

see: neutrinos. The mysterious particles can traverse vast reaches of space and stream through miles of solid rock without a single interaction.

Marino pursued neutrino research through a Ph.D. at Berkeley, and post-doc positions at Fermilab's MINOS and T2K at the University of Toronto. She began teaching at the University of Colorado in January 2009.

Marino is still not over the surprise of her recent award. You could hear a smile in her voices; she said, "It's a very valuable thing to a young physicist trying to establish a research program."

-- *Andrea Mustain*

## Announcements

### Latest Announcements

[New Bible discussion starting March 9](#)

[Conflict Management and Negotiation Skills offered March 3 and 10](#)

[Hiring Summer Students for 2010](#)

[Adobe Acrobat Professional 9.0 Level 1 class offered March 4](#)

[Deadline for The University of Chicago Tuition Remission program - March 5](#)

[English country dancing - March 7](#)

[On-site Housing for Summer 2010 - March 8 deadline](#)

[Adaptive Leadership: Coaching for Individual Differences class - March 9](#)

[Art Gallery talk - Virginia Broersma - March 10](#)

[Excel Power User / Macros class - March 11](#)

[Immigration Law Information session - Monday](#)

[Benefits Office Ask HR session - today](#)

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

Send comments and suggestions to:

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

Visit the Fermilab [home page](#)

Recreation Department to take advantage of special discounts, including an offer by [Rosati's Pizza](#) of Batavia, of a 15 percent discount on all menu items for Fermilab employees.

[In the News](#)

## The first T2K neutrino event observed at Super-Kamiokande

From *Interactions.org*, Feb. 24, 2010

Tsukuba, February 24, 2010. Physicists from the Japanese-led multinational T2K collaboration announced today that they had made the first detection of a neutrino which had travelled all the way under Japan from their neutrino beamline at the J-PARC facility in Tokai village (about an hour north of Tokyo by train) to the gigantic Super-Kamiokande underground detector near the west coast of Japan, 295 km (185 miles) away from Tokai.

"It is a big step forward," said T2K spokesperson Takashi Kobayashi. "We've been working hard for more than 10 years to make this happen."

They have constructed their new neutrino beamline, which will deliver the world's most powerful neutrino beams, to study the mysterious phenomenon known as neutrino oscillations, and the observation of this event proves that their study can now begin.

"Neutrinos are the elusive ghosts of particle physics," Kobayashi explains. "They come in three types, called electron neutrinos, muon neutrinos, and tau neutrinos, which used to be thought to be immutable."

[Read more](#)

[Fidelity representative at Fermilab today](#)

[DreamWeaver CS3: Intro offered March 9 or March 16](#)

[Interpersonal Communication Skills - March 16](#)

[Facilitating Meetings That Work course - March 17](#)

[Word 2007 advanced class - March 16](#)

[Influence and Motivation: The Empowering Leader course - March 24](#)

[PowerPoint 2007 advanced course March 25](#)

[Excel Programming with VBA class offered March 30 and April 1](#)

[Muscle Toning class begins March 2](#)

[Employee discount at Batavia Rosati's](#)

[Harlem Globetrotters special ticket price - April 15](#)

[Introduction to Argentine Tango series of classes - FREE](#)

[Qi Gong, Mindfulness and Tai Chi Easy for Stress Reduction](#)

[Fermi Martial Arts classes](#)

[Influence and Motivation: The Empowering Leader course - March 24](#)

[FRA Scholarship 2010](#)

[Submit an announcement](#)

Classifieds

Find new [classified ads](#) on *Fermilab Today*.