

Calendar

Fri., August 24
3:30 p.m.

 DIRECTOR'S COFFEE
 BREAK - 2nd Flr X-Over

4:00 p.m.
[Joint Experimental-Theoretical
Physics Seminar](#) - One West

 Speaker: O. Salto, Institut de
 Fisica d'Altes Energies,
 Barcelona

 Title: Boson+Jets
 Measurements at CDF

Mon., Aug. 27
12:00 p.m.

 Wellness Works Brown Bag
 Seminar - One West

 Speaker: R. Taylor (Author)
 Title: Alzheimer's - The
 Disease and Its Challenges

2:30 p.m.

 Particle Astrophysics Seminar
 - Curia II

 Speaker: C. Chang, University
 of Chicago

 Title: Cosmology with the
 South Pole Telescope

3:30 p.m.

 DIRECTOR'S COFFEE
 BREAK - 2nd Flr X-Over
 THERE WILL BE NO ALL
 EXPERIMENTERS' MEETING
 THIS WEEK

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

Weather


Thunderstorms 78°/63°
[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Special Announcement

Steering Group draft report discussion at noon

All Fermilab employees and users are encouraged to attend today's presentation and discussion of the Fermilab Steering Group draft report at noon in Ramsey Auditorium.

The draft report is a roadmap for the future of accelerator-based particle physics at Fermilab. Fermilab Deputy Director Young-Kee Kim will lead the program. Any overflow from the Auditorium will be accomodated in One West. Live streaming video of the presentation and discussion will also be available [here](#).

Feature

Lake bank shoring begins



[Repairs to Swan Lake's eroded south bank will begin Monday.](#)

Starting Monday, construction crews will begin repairing the 3-foot drop off on the southern edge of Swan Lake. All lanes of traffic will stay open, but traffic may be slowed. At the earliest, work would finish in a week.

The creation of a new bank will repair the steep, and potentially dangerous, drop off created by wind-generated waves striking the shore for years. FESS personnel have lowered the lake water level about 2 inches during the last few weeks in preparation for building a gradual sloped bank filled with natural vegetation and repairing the two culverts that empty into the pond.

The plants and grasses, set on a soil shelf in 6- to-8 inches of water, will act as breakers for the waves, preventing future erosion. During

From ILC Newline

Progress from Korea



[ICFA chair Albrecht Wagner makes a toast at the Lepton Photon 2007 banquet.](#)

As a virtual collaboration, members of the ILC community took advantage of last week's Lepton Photon conference and held parallel meetings for the GDE Executive Committee, ILC Steering Committee (ILCSC) and the International Committee for Future Accelerators (ICFA).

"We are all impressed that such good progress has been made," said ILCSC Chair Shin-Ichi Kurokawa in response to receiving the completed Reference Design Report from Barry Barish on 15 August. "We appreciate the comprehensive amount of work put into this final RDR. The 'troika' project managers also briefed us about the three regions moving positively toward coherent accelerator R&D programs world-wide. In addition, we will soon be able to announce the name of a new research director who will organise the experiments." Kurokawa explained that it is the ILCSC's role to oversee ILC R&D activities as a whole, including the accelerator and experiments. Extending the role of the Machine Advisory Committee to cover the detector R&D activities will be discussed under the next ILCSC chair, Enzo Iarocci from Frascati, who will take over at the next meeting in October.

[Read more](#)

-- Youhei Morita

Photo of the Day

Friday, Aug. 24

- Beef Pepper Pot
- Buffalo Chicken Wings
- Cajun Breaded Catfish
- Sweet & Sour Pork over Rice
- Honey Mustard Ham & Swiss Panini
- Assorted pizza slices
- Carved Turkey

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, August 29 Lunch**

- Grilled Tuna w/White Beans & Charred Onion Salad
- Fruit Tarts

Thursday, August 30 Dinner

- Smoked Salmon Napoleon
- Tournedos of Beef w/Madeira Sauce
- Cauliflower Gratin
- Vegetable of the Season
- Bourbon Walnut Pie

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[ILC NewsLine](#)

Info

Fermilab Today is online at: www.fnal.gov/today/

Send comments and suggestions to: today@fnal.gov

the last quarter century, erosion has expanded the pond about 30 feet. The old banks used to sit at the edge of the culverts that jut out into the lake.

The bank design is an ecologically-friendly - not to mention more attractive - alternative to the rock banks common in neighborhood detention ponds. A similar design was done at the pond in front of MINOS building near Pine Street and exists at Prairie Landing golf course at DuPage Airport in West Chicago.

Animal lovers will also get a bonus from the new design. Not only does the vegetative bank fit with the trend in "green" development that has taken hold in the last five years, but it deters geese -- a perennial problem at the lab ponds. Unable to see if predators lurk in the tall grasses along the pond edge, geese tend to stay away, leaving more room for other birds and animals.

Construction of the bank will occur in two phases. By winter, the shore will be raised and the water level increased about four inches. Next spring, planting will occur and the water level will rise another five inches.

--Tona Kunz

Feature**Bill Pritchard retires today**

Bill Pritchard poses in front of the coordinate measuring machine, which he operated to inspect the scintillating plastic fibers for the DZero fiber tracker.

The first time Bill Pritchard filled in as a temp at Fermilab, he knew he wanted to stay. It took a little while, and a layoff from Caterpillar in Aurora, but in 1988 he launched a 19-year career with the lab that enabled him to have a role in some of the most important physics research projects of the last two decades. "I just liked the work atmosphere here, the variety of things to do and the broad cross-

Severe storms hit Fermilab

A screen capture of an online weather radar display shows the front line of a series of severe thunderstorms that pounded Fermilab and the surrounding area Thursday afternoon. All employees, users and visitors spent part of their afternoons in tornado shelters after a tornado warning and subsequent severe weather warnings were issued.

In the News**From National Radio Astronomy Observatory Aug. 23, 2007:****Astronomers Find Enormous Hole in the Universe**

Astronomers have found an enormous hole in the Universe, nearly a billion light-years across, empty of both normal matter such as stars, galaxies, and gas, and the mysterious, unseen "dark matter." While earlier studies have shown holes, or voids, in the large-scale structure of the Universe, this new discovery dwarfs them all.

"Not only has no one ever found a void this big, but we never even expected to find one this size," said Lawrence Rudnick of the University of Minnesota. Rudnick, along with Shea Brown and Liliya R. Williams, also of the University of Minnesota, reported their findings in a paper accepted for publication in the *Astrophysical Journal*.

[Read More](#)

Announcements

section of people," said the 56-year-old technical specialist for the Particle Physics Division.

Contact with interesting, friendly people from all over the world is what he'll miss most when he turns in his badge today to start retirement.

He'll also miss being a part of massive, history changing projects that he humbly says he was just a bit player in. He helped create the backbone of the DZero experiment by spending nearly 10 years building the largest fiber tracker in the world. He ran the coordinate measuring machine to position nearly 70,000 plastic scintillating fibers on each of the eight 750- pound cylinders that made up the fiber tracker. Without the new machine, it would have been impossible to study the higher collision rate of the Tevatron, which was souped-up after the discovery of the top quark.

"He has always provided a polished product, with attention to every detail," said John Krider, supervisor in the Particle Physics Division. "It has been a pleasure to work with him."

During his career, Pritchard inspected and maintained parts in the Main Injector and Recycler, designed the office space in building 3 of the Particle Division, worked with AD shutdowns, the installation of MINOS, the transfer of iodine crystals from the KTeV experiment to Japan, and various projects, including CMS and NOvA. "I have got to see most everything here over the years," he said. "That has been very fascinating."

Pritchard plans to spend his retirement fixing up a new home in Arizona with his wife, Marilee. He'll also revive an old hobby of working on classic cars, including his beloved 1969 Cheval.

--Tona Kunz

Have a safe day!

School back in session, drive carefully

School is back in session in most communities, including Warrenville and Batavia. A school zone, with reduced speed limits during school hours, is located outside the East gate on Batavia Road. Please pay attention to school crossings and posted speed limits.

NALWO end of summer picnic today

NALWO will host an end of summer picnic today at 5:30 p.m. in front of the Kuhn Barn in the picnic area, or in the barn in case of rain. Employees, users and their families are invited and attendees should bring a dish to share and something for the grill. Small favors will be provided for children. Please contact [Jennifer Jansson](#), 879-0172 for more information.

Kyuki-Do Martial Arts Class begins

Kyuki-Do combines the strikes of Taekwon-Do, the throwing and grappling techniques of Judo and Jujitsu, the joint locks of Hapki-Do, and the practice of Kobudo (traditional weapons) into one art. Classes are held on Monday and Wednesday from 5 - 6 p.m. at the Recreation Facility in the Village. You need to register through the Recreation Office and must be a member of the Recreation Facility. The six-week session cost is \$45. The focus is practical self-defense that can be used by women or men. Attendees will learn kicks, blocks, hand techniques, throws, pins, self defense, and forms that will teach balance, power and grace.

Classifieds

New [classified ads](#) have been posted on *Fermilab Today*.

[Additional Activities](#)