

Calendar

Tuesday, June 14

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

4:00 p.m. Accelerator Physics and
Technology Seminar - 1 West

Speaker: X. Huang, Indiana University
Title: Understanding the Fermilab Booster
with Beam-Based Measurements

Wednesday, June 15

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

4:00 p.m. Fermilab Colloquium - 1 West
Speaker: J. Pinfold, University of Alberta

Title: Astrocollider Physics: Astroparticle
Physics and the LHC

THERE WILL BE NO FERMILAB ILC
R&D MEETING THIS WEEK

Weather



Chance Rain **78°/59°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Kim Wins Korean Ho-Am Prize



Young-Ke Kim receives Korean Ho-Am Prize (Click on image for larger version.)

Young-Ke Kim of the University of Chicago and CDF received South Korea's prestigious Ho-Am Award on June 1, 2005 for her contributions to the understanding of the top quark, W boson and gluon. "I am honored by this award," Kim said. "This is the first time a woman has won a Ho-Am Award in an academic area, and I hope I can serve as a good example for younger generations."

Founded by Samsung chairman Kun-Ke Lee, the Ho-Am Award recognizes five individuals each year who have made outstanding contributions to science, engineering, medicine, the arts or community service. As this year's science winner, Kim received \$200,000 along with a certificate and two medals - one pure gold, the other gold-plated. "They were worried that the pure gold medal might be stolen, so they gave us a decoy," Kim said.

While in Korea to accept her award, Kim spoke at five schools, four of which she attended as a student. In all, Kim addressed more than 4,000 students. "It's

Director's Corner

Good Morning!

The Users' Executive Committee organized an excellent Users' Meeting last week.

The [transparencies](#)

give a very good picture of the laboratory's broad research program and

of the prospects for the future. A particularly welcome addition this year was the report from the MINOS experiment, including a preview of what could be learned from this year's data sample.

Patrick Looney gave an interesting view of the field of particle physics from the perspective of the White House Office of Science and Technology Policy. Robin Staffin gave a talk with "good news, other news, and two ways in which we need your help." It included feedback from our Annual Program Review and some remarks on the new P5 charge. Barry Barish reported on "News from the ILC," which included his view of the Fermilab role in the global effort.

Pier Oddone spoke about the present state of the laboratory and some issues for its future, including the ILC and contract competition. He used no transparencies, but you can hear his remarks in [streaming video](#), along with videos of the other speakers.

I thank the organizers and the speakers who made this a worthwhile meeting.



Mike Witherell

Tuesday, June 14

Chicken & Rice Soup

Mushroom Swiss Burger \$4.85

Baked Meatloaf with a Roasted Tomato

Demi-Glace \$3.75

Parmesan Baked Fish \$3.75

Southwestern Turkey Wrap \$4.85

Ham & Pastrami Calzones \$3.00

South of the Border Burritos with Chips &

Queso \$4.85

The Wilson Hall Cafe now accepts Visa, Master Card, Discover and American Express at Cash Register #1.

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) is now open. Call x4512 to make your reservation.

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taken generations of female scientists for this type of recognition to become possible," she said. "I hope that these students will see me and know that they can succeed."

In addition to praising earlier generations of female scientists, doctors and engineers, Kim expressed gratitude to her colleagues. "You don't work alone in this field, and I've been lucky to work with people who are both quality researchers and quality people," she said.

--Kelen Tuttle

In Memoriam: Carolyn Hines

Carolyn Hines, former Telecommunications Manager and longtime employee of 34 years, died on May 26 after a long battle with cancer. She was 65.



As the Telecommunications Manager, Hines kept the Fermilab community in touch with each other and with the outside world via phone lines, data cable, two-way radios and other means.

According to a 1996 FermiNews article, Hines was known as the "guru" of telecommunications. The article states: "Whether it's a phone call from the fixed-target experimental area to the accelerator control room, a professor discussing a physics theory with a student via e-mail, or an alert security guard using his radio to summon the Fermilab Fire Department, Hines' duties affect nearly every employee and user every day," [[FermiNews, August 16, 1996](#)].

Her contributions and numerous friendships around the lab went far beyond her job of Telecommunications

Accelerator Update

June 10-June 13

- During the past 72 hours Operations established 2 stores that provided approximately 46 hours and 27 minutes of luminosity to the experiments
- Booster chopper trips off
- I- Source voltage troubles
- CHL losses power; store terminated
- NuMI magnet required MI access; stash terminated
- TeV beam not expected before evening shift June 15

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Computer security training

The Fermilab Computer Security Team offers another series of training sessions on June 16 in One West.

9 a.m. Basic Computer Security

10 a.m. Security Essentials for Desktop System Administrators

11 a.m. Dangers of Spyware and Phishing

The first two sessions fulfill ITNA requirements. Sessions are free and open to all, and especially summer student should attend to learn proper computing usage at the lab. Please send questions to nightwatch@fnal.gov

Content management system

The CSI group of the Computing Division hosts a Brown Bag Seminar on Wednesday, June 15, from 11:30-1:00: Introduction to the Plone software package, a web-based content management system.

Manager though. On December 1, 1968, Hines helped with the logistics of the groundbreaking for Wilson Hall. According to friends and coworkers, Hines always looked back on the event with pride, especially because it also happened to occur on her birthday. Hines also helped purchase the very first bison for Fermilab's herd.

"She was a wonderful boss and person," said Nan Larson, the current Telecommunications Manager who worked with Hines for ten years. "She was always laughing even on the tough days." Hines was also one of the original members of the infamous "Stitch and Bitch" group, a group of eight to ten women who would get together for lunch every day, do some needlework, and just a bit of gossiping too. "We stitched, and we bitched," said Linda Finks, a Fermilab retiree who was a close friend of Hines. "We all solved a lot of problems together. She was always upbeat and had a great sense of humor."

--Elizabeth Clements

In the News

From *Science Magazine*, June 10, 2005

KEK Researchers Catch Glimpse of Outlandish Particles

By Charles Seife

"When you have eliminated the impossible," said Sherlock Holmes in *The Sign of Four*, "whatever remains, however improbable, must be the truth." High-energy physicists are now coming to improbable conclusions about two recently discovered particles known as the X(3872) and the Y(3940).

"If you take the results at face value, it

Sightseeing boat tour

NALWO invites you to see Chicago's fascinating architecture and historic landmarks from the Chicago River and Lake Michigan on Thursday, June 23. A bus departs from the Lederman Science Center at 9:30 a.m. and returns by 4:00 p.m. Tour is \$12 for adults, \$5 for kids age 11 - 3, and free for under 3. Contact Selitha Raja, 630-305-7769, SelithaR@hotmail.com, or Rose Moore, 630-208-9309, rosecraigmoore@comcast.net

Coupons for Wisconsin Dells

The Recreation Office sells the Wisconsin Dells Coupon Book for \$15. The book contains over \$6,000 in 2-for-1 and 50% off values from over 100 Wisconsin Dells merchants. The coupons are good until April 30, 2006.

Scottish Country Dancing

Scottish Country Dancing will today in Ramsey Auditorium, the air-conditioned summer location. Instruction begins at 7:30 p.m. Newcomers are welcome. Info at x8194 or folkdance@fnal.gov.

[Upcoming Activities](#)

looks like the X(3872) is something new," says Stephen Godfrey, a physicist at Carleton University in Ottawa, Canada. Scientists have been unable to reconcile the properties of the particle and the Y(3940) with simple predictions from standard theories about how quarks and gluons make composite objects. They suspect that the X(3872) may be the first member of a new class of particles not predicted by theory, and the Y(3940) might be quarry physicists have hunted for years: the hybrid meson.

[Read more](#)