

Calendar

Announcement: *Fermilab Today* will take a vacation for the holiday weekend. We will return Wednesday.

Friday, June 30

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. Joint Experimental Theoretical Physics Seminar - Curia II (note location)

Speaker: M. Klute, Massachusetts Institute of Technology

Title: W-Boson Helicity Measurements in Top Quark Decays at CDF

Monday, July 3

PARTICLE ASTROPHYSICS

SEMINARS WILL RESUME IN THE FALL

THERE WILL BE NO DIRECTOR'S COFFEE BREAK TODAY

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

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

Weather



Partly Cloudy **79°/55°**

[Extended Forecast](#)

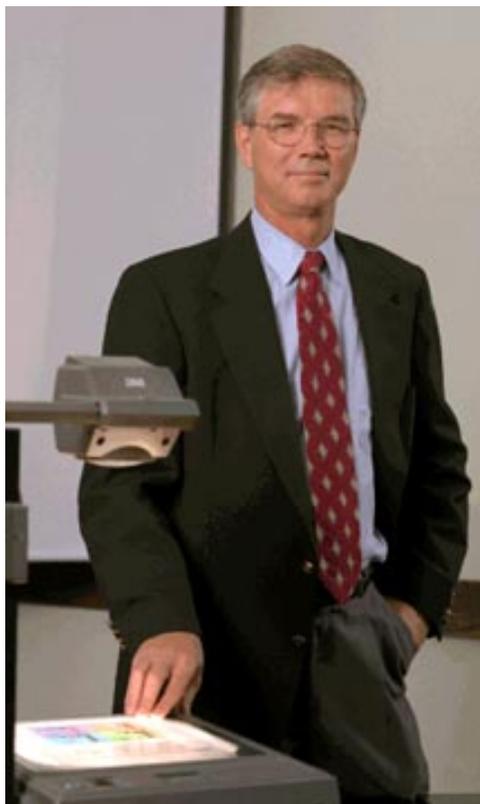
[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Stanfield's standard: What's best for Fermilab?



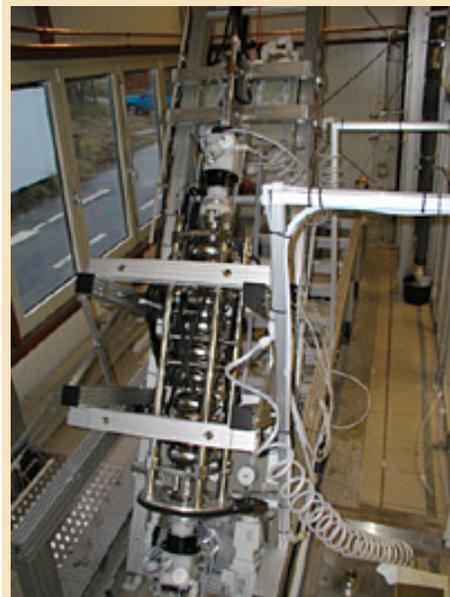
After 29 years at Fermilab, Ken Stanfield is stepping down from his position as Deputy Director today. (Click on image to see photo album.)

Ken Stanfield's 17 years as Fermilab's deputy director have created a unique legacy. "Ken Stanfield has approached every issue with a single standard: What is best for Fermilab?," says former Director Michael Witherell. "He was asked to take on some of the most difficult problems at the laboratory, and he always agreed. The positive results of his involvement are everywhere on the Fermilab site. To take just one recent example, his behind-the-scenes contributions to NuMI were critical to the completion of that project."

Stanfield (Ph.D., Harvard University,

ILC NewsLine

Cavity Buffs



A FLASH cavity during electropolishing.

Electrons are thrill-seeking particles. They get their kicks out of the superconducting cavities of the ILC. The higher their quality, the better the kick – so a team of scientists, engineers and technicians at DESY in Hamburg, Germany, makes sure that the cavities are buffed to the highest degree. A technique called electropolishing is currently emerging as the method to produce superclean superconducting radiofrequency cavities.

[Read More](#)

World Cup a family matter for CDF's Veronica Sorin

Friday, June 30

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

The Wilson Hall Cafe accepts Visa, Master Card, Discover and American Express.

Upcoming Menu**Chez Leon****Wednesday, July 5****Lunch**

- Oriental Chicken Salad w/ Vegetables
- Banana Bourbon Cake
- w/Bourbon Creme Anglais

Thursday, July 6**Dinner**

- Beet and Roquefort Salad w/Walnuts
- Steak Au Poivre
- Roasted New Potatoes w/Garlic and Rosemary
- French Green Beans
- Blueberry Shortcake

Chez Leon Menu

Call x4598 to make your reservation.

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1969) has played many roles since joining the lab permanently in March 1977 as a Proton Department physicist. His promotion to associate head of the department took just three months (June 1977). Over the years, he has served as head of the Proton Department; head of the Experimental Areas Department; Business Administration Section head; head of the Research Division (now the Particle Physics Division); and, since 1989, Deputy Director.

Stanfield steps down as deputy director today, with Young-Kee Kim taking over the post officially on July 1. Stanfield will become special assistant to the director, continuing his work on preparing the bid by Universities Research Association, Inc., with the University of Chicago as its new partner, in the contract competition to manage Fermilab for the Department of Energy's Office of Science.

"I have appreciated enormously that Ken was willing to lead the effort for URA in the contract competition," says Fermilab Director Pier Oddone. "With his usual competence he has quickly become an expert in the arcane art of these competitions. He could have a whole new career in front of him!"

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[See photo album](#)

Photo of the Day

Veronica Sorin of CDF (left) will be cheering her brother, Juan Pablo Sorin (right), as he leads Argentina into the final three rounds of the world cup.

In Tuesday's [Director's Corner](#), Pier Oddone noted that DZero leads CDF in the number of World Cup countries represented. But in emotional investment, CDF might be second to none. CDF's Veronica Sorin, from Argentina (by way of Michigan State University), watches every game white-knuckled and breathless: Her brother, Juan Pablo Sorin, is the Argentinean team captain. "I grew up watching soccer," she said, "but really I'm interested because it's my little brother out there."

Last Saturday, for Argentina's game against Mexico, Veronica watched with some fellow Argentina supporters. "Usually I don't care that much about the games, but when it's my brother, it's very stressful," she said. "I just can't handle naysayers when I'm watching my brother." Argentina took a 2-1 victory in overtime.

With eight teams remaining, the competition intensifies. Friday at 10:00 a. m. (Chicago time), Argentina plays Germany for a place in the semifinals. "This will be an even tougher game," she said. "They're [Germany] playing very well and they are the host country." Again, she will watch with fellow

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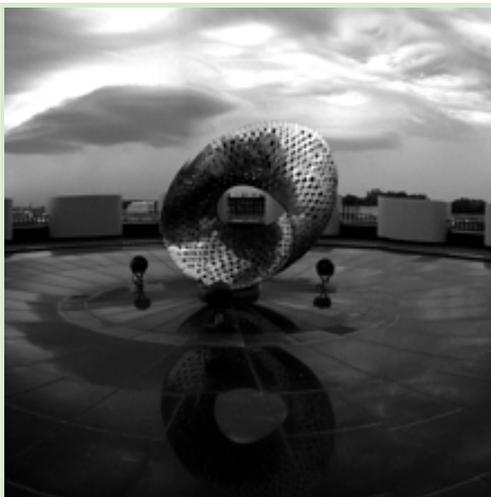
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AD's Martin Murphy snapped this photo behind Wilson Hall last Thursday. (Click image for larger version.)

In the News

PPARC Press Release, June 26, 2006 GEO600 starts continuous search for Gravitational Waves

The joint German-British Gravitational Wave Detector GEO600 has now entered an 18-month run of continuous measurement. Researchers are optimistic that they will be able to observe a never before seen phenomena - the Gravitational Wave which is one of the great untested predictions of Einstein's General Theory of Relativity. Gravitational Waves can be used to do 'dark astronomy', studying those aspects of the Universe for which ordinary astronomy using light (and the rest of the electromagnetic spectrum) can provide limited information.

"If there is a supernova in our vicinity during the next couple of months, our chances of detecting and measuring the resulting gravitational waves are good. The first step towards gravitational wave astronomy has been taken, at last allowing us to observe the 96% of our universe which have been hidden to us

Argentina supporters, "although maybe if some people from somewhere else wanted to join us, that would be OK-just so long as they don't root for Germany." If Argentina continues to advance, Veronica will be flying to Germany to watch her brother in person. Then CDF would have to play one researcher short.
--Ben Berger

Accelerator Update

June 28 - 29

- Two stores provided 19 hours and 56 minutes of luminosity
- LLRF problems halt stash
- Power supply trips hinder Switchyard
- NuMI horn trips
- CDF's solenoid tripped off

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

A message from Jed Brown, via Dr. Foxen

Former Associate Director Jed Brown is currently at Walter Reed Hospital being treated for serious illness. At this time, he is unable to receive visitors or phone calls but asks that members of the Fermilab community keep him in their thoughts.

Dinosaurs at SciTech

The SciTech Hands-on Museum in Aurora hosts "Dinosaurios Argentinos," an exhibit with lifelike replicas and 8 complete skeletons of dinosaurs. The objects are for the first time on display in the United States and include the Giganotosaurus, the largest predator to ever walk the earth. Tickets are \$12. The museum is closed on July 4. [More](#)

up to now" says Prof. Dr. Karsten Danzmann, head of the International Centre for Gravitational Physics which is jointly run by the Max Planck Society and the University of Hannover. Data is taken in conjunction with the two US LIGO observatories.

[Read More](#)

[information.](#)

NALWO Chicago Boat Tour on July 6

See Chicago's fascinating architecture and historic landmarks by cruising down the Chicago River, and then out onto Lake Michigan to see the world-famous skyline. A bus (with air conditioning) will be leaving from the Lederman Education Center at 9:45 am, and we will be back around 4:00 pm. Tour costs are \$18 for adults, \$8 for kids age 3 - 11, and children under 3 years are free. For further information and to register contact: Selitha Raja at (630) 305-7769, SelithaR@hotmail.com.

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

[Upcoming Activities](#)