

Calendar

Friday, October 27

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-over

4:00 p.m. Joint Experimental Theoretical Physics Seminar - 1 West

Speaker: G. Punzi, INFN, Pisa

Title: Hadronic B-Decays at CDF

8:00 p.m. Fermilab International Film Society - Auditorium

Tickets: Adults \$5

Titles: [The Day the Earth Stood Still](#) and [Forbidden Planet](#)

Saturday, October 28

8:00 p.m. [Shangri-La Chinese Acrobats](#)
- Auditorium

Monday, October 30

2:30 p.m. Particle Astrophysics Seminar
- Curia II

Speaker: A. Razoumov, St. Mary's University

Title: From Small to Large Scales at High Redshifts: Escape of Ionizing Photons and Absorption Properties of Young Galaxies

3:00 p.m. Special Wine and Cheese Seminar - 1 West

Title: First Observation of WZ Production
Speaker: E. Lipeles UCSD

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

4:00 p.m. All Experimenters' Meeting - Curia II
Special Topic: Accelerator Controls Migration

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

Women needed for volleyball



Winter is fast descending on the plains of Illinois, but that is no reason to start hibernating. The Fermilab Winter Volleyball League thinks there is no better time to play, especially if you are female.

Fermilab's recreational volleyball league needs women--not because they're lonely, but to foster a welcoming, co-ed culture in the league. The league has decided each team of six must have at least two female players or they cannot compete in league play-offs. "We have had a shortage of women as long as I can remember," said Sergey Los, league organizer.

Female volleyball player Natalia Ratnikova, of CMS, feels that part of the problem recruiting women in the past has been intimidation. Men are larger, competitive and sometimes impatient with new players. "We've had discussions about creating a good atmosphere," said Ratnikova, "where new people can learn, where we help them and build them up."

Ratnikova, who feels these discussions

ILC NewsLine

China engages in large-grain niobium single cells



Xu Qingjin stayed at KEK from June 5 to September 2 to build large-grain niobium single-cells and learn about surface treatments.

In the International Linear Collider, superconducting cavities made of niobium will be used. Niobium is a superconductor--a material that loses its electrical resistance when cooled down to almost absolute zero. Clean and extremely smooth cavity surfaces are essential for achieving a high accelerating gradient. Manufacturing cavities from large-grain or single-crystal niobium may cut down expenses by eliminating some of the treatments that are necessary for fine grain cavities. Therefore the quality of the niobium becomes one of the most important points of cavity manufacturing. CBMM from Brazil, W.C.Heraeus from Germany, and Ningxia from China are the world leaders in niobium treatment. (See ILC NewsLine 13 July 2006)

In China, the ILC-IHEP group was founded in December 2005 and is led by Jie Gao, who is the only GDE member in China and an ILC regional leader in

WeatherChance of Showers **49°/35°**[Extended Forecast](#)[Weather at Fermilab](#)**Current Security Status**[Secou Level 3](#)**Wilson Hall Cafe****Friday, October 27**

- Cream of Wild Mushroom
- Blackened Fish Filet Sandwich
- Southern Fried Chicken
- Tuna Casserole
- Eggplant Parmesan Panini
- Assorted Slice Pizza
- Assorted Sub Sandwich

[Upcoming Menu](#)**Chez Leon****Wednesday, November 1****Lunch**

- Chicken Marbella
- Saffron Rice with Vegetables
- Chocolate Cheesecake with Strawberry
- Coulis

Thursday, November 2**Dinner**

- Steamed Mussels w/White Wine, Garlic & Thyme
- Spicy Spare Ribs
- Sautéed Greens
- Spaghetti Squash
- Lemon Napoleons

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Search

have been successful, regularly tries to get her friends to join. "It's a lot of fun," she said. "I work inside at a computer all day, so it's nice to get some winter exercise. We play indoors so you are not dependent on the weather. And, since it is a co-ed league, women progress in their skills much faster since they are playing with stronger players. And, being a team sport, you have to communicate well with your team. Your success depends on everyone. You get greater satisfaction than, say, riding a bike by yourself."

For more information contact Sergey Los at los@fnal.gov or x8313. Or learn more on the [volleyball Website](#).

--D.A. Venton

Readers Write**Letter from Baghdad**

This letter is from Yousif Adim, an Accelerator Division employee currently serving in Iraq.



[Yousif Adim kneels in front, second from the left.](#)

damping ring studies. About thirty members have been working on beam dynamics, damping rings and superconducting cavities. In the ILC-IHEP group, only young students and researchers are working on superconducting cavities. "We need more participation from all generations," Gao said.

[Read More](#)**In the News****SLAC Today, October 20:
Ground Breaking New Science at SLAC**

Menlo Park, CA—The Department of Energy's Stanford Linear Accelerator Center officially broke ground today for the Linac Coherent Light Source (LCLS), the world's first X-ray free-electron laser. Scheduled for completion in 2009, the LCLS will produce ultra-fast, ultra-short pulses of X-rays a billion times brighter than any other source on earth.

[Read More](#)**Announcements****GSA Halloween Party**

GSA will have its annual Halloween party today in the Kuhn Barn on Friday, October 27 at 7:30 p.m. Come, hang out and enjoy snacks and beverages and candy. You can wear your favorite Halloween costume for a shot at a prize and join in the pumpkin carving contest! RSVP to kendallm@phys.columbia.edu.

Give an old coat to someone who needs it

Jeannette Olah of Roads and Grounds is collecting winter coats to deliver to a local non-profit homeless shelter. She needs gently used coats for adults and children. If you have an old coat that you

Search the Fermilab Today Archive**Info**

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

Send comments and suggestions to today@fnal.gov

[Hurricane Relief Page](#)

[Fermilab Today archive](#)

[Fermilab Today PDF Version](#)

[Fermilab Result of the Week archive](#)

[Fermilab Safety Tip of the Week archive](#)

[Linear Collider News archive](#)

[Fermilab Today classifieds](#)

[Subscribe/Unsubscribe to Fermilab Today](#)

Greetings to you all from Baghdad. Life here continues to provide wonderful advances and terrible setbacks, all in an amazing day's work. While the stories will surely feel endless and energetic once I return and we share a cold beverage together, please accept this picture that the group snapped just a few days ago.

This is atop the building that I work at most days (when not out on the streets). It is situated in central Baghdad, not far from the Headquarters for the Ministry of Interior. We are located in the Red Zone, which keeps things extremely tense daily. We actually practiced this picture downstairs prior to taking it on the roof, to minimize our "uncovered" time. Thankfully, it was incident free.

I appreciate all of your support and look forward to safely returning home. Take care of yourselves.

--CPT Yousif

Editor's Note: *This letter came to Fermilab Today via the Fermilab Veteran's Organization. The group will hold a Veteran's Day celebration in Kuhn Barn on November 10 from 11:00 a.m. to 1:00 p.m. Veterans and their families are invited for talks and lunch. Contact Rafael Coll (rcoll@fnal.gov) or call x8518 if you are a veteran who would like to participate.*

are willing to part with, please drop it by Jeannette Olah's office at Site 37, Roads and Grounds before November 9. You can reach her at 404-0699 if you have any questions or if you'd like her to pick-up your coat for you.

Employee Art Show

There will be an employee art show from November 6 to January 3 with a reception in the Art Gallery on November 8, from 5 p.m. to 7:00 p.m. The Fermi Singers will perform during the reception and there will be a group photo at 5:00 p.m. If you plan to participate in the art show, bring ready-to-hang artwork to the gallery on November 2 between 8:30 a.m. and 1:30 p.m., or on November 3, from 8:30 a.m. to 10:00 a.m. No work will be accepted after 10:00 a.m. on November 3.

Classifieds

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

Upcoming Activities