Fermilab Today

Tuesday, August 18, 2009

Calendar

Have a safe day!

Tuesday, August 18
3:30 p.m.
DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over
THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Wednesday, August 19
3:30 p.m.
DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over
THERE WILL BE NO FERMILAB COLLOQUIUM THIS WEEK

Click here for NALCAL, a weekly calendar with links to additional information.

Campaigns

Take Five

Tune IT Up

Weather

Mostly sunny
81°/61°

Extended Forecast
Weather at Fermilab

Current Security Status

Secon Level 3

Wilson Hall Cafe

Special Announcement

Vacation policy changes for exempt employees

Beginning in September 2009, the reporting period associated with vacation time taken will change for exempt (monthly) employees to synchronize reporting and accounting dates in the electronic Fermilab Time and Labor system. This change does not affect the amount of vacation exempt employees accrue.

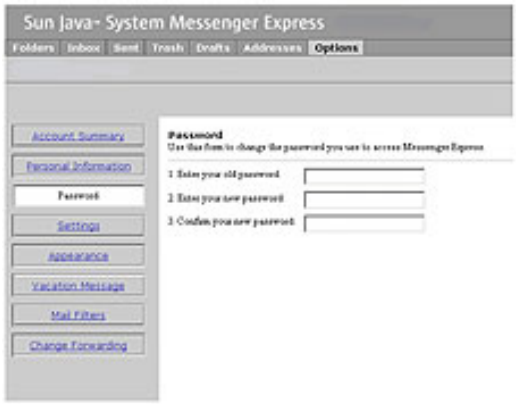
Starting next month, vacation accrual will be credited in the FTL as of the last working day of the month and will be available for use on the first of the following month.

The monthly accounting cutoff in FTL for vacation time balance will change to the third Sunday of the month. (At present, the cutoff date is the 21st of the month.) To avoid losing vacation time, employees must ensure that their vacation balance is below the allowed maximum by the third Sunday of the month.

For details, please read the letter that was sent to all exempt employees and the updated vacation policy. Please contact Payroll at x3046 or at askpayroll@fnal.gov if you have any questions.

Tune IT Up

New IMAP server e-mail account password rules

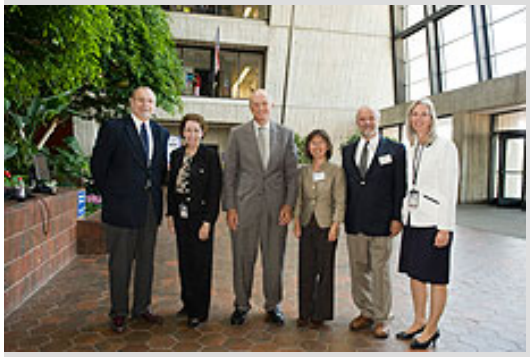


Complex, 10-character passwords are now necessary for IMAP server e-mail accounts.

Starting today, requirements have changed for new passwords on IMAP server e-mail accounts. When you reset your IMAP server e-mail account password, your new password

Director's Corner

Visitors from Washington



From left: Department of Energy Associate Director of Science for High Energy Physics Dennis Kovar, Office of Science Deputy Director for Science Programs Pat Dehmer, Department of Energy Office of Science Director William Brinkman, Fermmilab Deputy Director Young-Kee Kim, Fermilab Director Pier Oddone and DOE Office of Science Fermi Site Manager Joanna Livengood.

Last Thursday we had the honor of hosting DOE Office of Science Director Bill Brinkman, Deputy Director Pat Dehmer, Office of High Energy Physics Director Dennis Kovar, and Senior Advisor Steve Binkley. When we go to Washington, we can discuss many things in the abstract, but nothing beats bringing visitors to the laboratory in person, where they can see the facilities and the site and feel the enthusiasm of all who work here. Of course, Dennis Kovar owns the joint; he has been here several times and knows us well. But for the other distinguished visitors, this was their first visit, and first impressions count.

The visit took place in three chapters. Chapter 1 was a discussion of Project X. We had briefed Director Brinkman during one of our Washington visits on the power of Project X for neutrinos, especially for the Long Baseline Neutrino project This time the briefing at Fermilab covered other aspects of the Project X Intensity Frontier program: intense beams of kaons and muons at low energy allowing experiments well beyond previous efforts or those planned by other facilities in the future. The flexibility and reach we can achieve with the new ideas incorporated into Project X have generated enthusiasm at Fermilab and elsewhere, including in our Physics Advisory Committee. The next few months will be critical as we make credible designs for the

Tuesday, August 18
- Tomato bisque
- Lemon pepper club
- Beef fajitas
- Korean garlic chicken
- Grilled chicken Caesar wrap
- Assorted sliced pizza
- Rio Grande taco salad

Wilson Hall Cafe Menu

Chez Leon

Wednesday, August 19 Lunch
- Cumin and chipotle glazed pork loin w/ apple salsa
- Roasted sweet potatoes
- Pear tart

Thursday, August 20 Dinner
- Fresh mozzarella & tomato salad
- Garlic shrimp w/ red peppers & wild mushrooms
- Lemongrass rice
- Sautéed spinach w/ garlic & lemon
- Brandy flan

Chez Leon Menu

Call x3524 to make your reservation.

Archives

Fermilab Today

Result of the Week

Safety Tip of the Week

User University Profiles

ILC NewsLine

Info

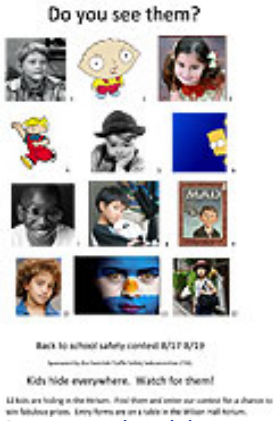
will need to be at least 10 characters long in order to fulfill Department of Energy password complexity requirements.

Strong passwords include a combination of letters, symbols and numbers. For instructions on how to change your IMAP password, see this site.

On Sept. 15, all IMAP users who have not already chosen a new, 10-character password will be required to reset their passwords using the new requirements.

Feature

Keeping kids safe as they head back to school



A poster advertising Fermilab's Traffic Safety Subcommittee's Back to School Safety Contest. Click on image for larger version.

This week, some childish faces are peeking out from various places around the Wilson Hall atrium. Have you seen them?

The faces are part of a contest, sponsored by Fermilab's Traffic Safety Subcommittee, to promote safety awareness as children return to school.

"Schools are back in session and there will be many more kids and school buses on the road. The Traffic Safety Subcommittee wants to remind people to watch out for children, who sometimes hide and might dart out into the street," said Bonnie Alcorn, Traffic Safety Subcommittee member and contest organizer. "The 'Do You See Them' posters and contest are a fun way to challenge people to actively look for children."

The contest, which began Monday, will continue until 5 p.m. Wednesday. Fermilab employees, users and those with official visitor status may enter by filling out forms with the locations of the 12 images of children hidden throughout the atrium. Entry forms, contest details and traffic safety information are available at the Traffic Safety Subcommittee Safety Contest table in the Wilson atrium. Contact Bonnie Alcorn, x 8056, or alcorn@fnal.gov for more information.

experiments we dream about.

Chapter 2 was a visit to the Tevatron and CDF where the spokespeople and students from CDF and DZero explained the detector and the importance of running through 2011. The FY11 budget, currently under discussion within the administration, will determine whether or not we can run. The case for running the Tevatron is very strong, and I am optimistic that we will receive the necessary support. We hope the visit to the Tevatron will help cement the strong support by the Office of Science for this program.

Chapter 3 took place underground, where we visited the NuMI/MINOS facilities. As impressive as these on-site facilities are, they are but a small model of what is proposed for the development of the Homestake mine, both in depth and scale. It was important to provide a sense of what we can achieve deep underground. The NuMI tunnel area is of course quite active now with the MINOS near detector, the setting up of the MINERvA detector, and ArgoNeut, the small liquid argon detector, in position to take beam.

From our point of view the visit was very successful with a high level of engagement, with many questions and discussions. We thank our visitors for their interest and the time they spent with us.

Correction

Correction

In the August 13 issue of *Fermilab Today*, we mistakenly referred to the Tevatron's run as "now extended into 2011." The Tevatron is currently scheduled to run only through 2010. Running through 2011 would require additional funding. Until the FY2011 federal budget process is complete, Fermilab does not know whether or not the Tevatron will operate in 2011. *Fermilab Today* staff members regret the error.

From Quantum Diaries

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

Send comments and suggestions to:
today@fnal.gov

Visit the Fermilab
home page

In the News

Blasting neutrinos under Wisconsin may yield big payoff

From ***Washington Post***, Aug. 17, 2009

Scientists are playing an exotic game of pitch and catch between Illinois and Minnesota. Their catcher's mitt is solid iron, weighs 5,500 tons, and is parked in northern Minnesota in an abandoned iron mine. With millions of dollars from the federal stimulus package, construction crews are now building a second mitt near the Canadian border. It's even heavier, some 15,000 tons, and is made of 385,000 liquid-filled cells of PVC plastic.

Five hundred miles to the south is the pitcher: Fermilab, a sprawling U.S. government laboratory west of Chicago where physicists do violent things with tiny particles.

The objects in flight are very strange particles called neutrinos. Fermilab scientists have figured out how to generate a beam of neutrinos and send it across Wisconsin to the big detectors in northern Minnesota.

Make that under Wisconsin. Because the Earth is round, anyone wishing to send an object in a straight line from one spot on the planet to another spot 500 miles away must aim through the planet itself.

Read more

Shutdown update


Ron Moore, a blogger for Quantum Diaries.

The summer is flying by too quickly! The “12-week” shutdown of the Fermilab accelerator complex is about 2/3 complete - here’s an update on the Tevatron maintenance.

In an earlier post, I wrote we needed to warm up six “houses” to room temperature to fix leaking components. Well, after technicians did some more leak-checking in the first week of the shutdown, it looked like we needed to warm up two more houses! Fortunately, we discovered one of those extra houses had an “outside air leak” that was readily repaired by applying some epoxy on a thin pipe to prevent air from getting in - no need to warm up that house! Unfortunately, during the repair of an outside air leak on another (still cold) house, too much air got sucked into the beampipe and froze on the 80 degK surface. That house had to be warmed up to melt the iceball. You win some, you lose some.

Read more

Announcements

Latest Announcements

American Cancer Society announces winners of drawing

Giving a presentation? Need practice? Feedback? Fermilab Toastmasters Club is for you - August 20

Bowlers wanted

English country dancing with potluck - Aug. 16

Thai Village restaurant discount

The University of Chicago Tuition Remission Program Aug. 17 deadline

Argentine Tango through Sept. 9

Fermilab Blood Drive Aug. 25 and 26

What's New in NI LabVIEW 2009? Aug. 27

URA Visiting Scholars Program now accepting applications

Bristol Renaissance Faire discount tickets

Six Flags Great America discount tickets

Raging Waves Waterpark online discount ticket program

Mosaico Hispanico - celebrating Hispanic music and dance - Sept. 19

Sign up for fall Science Adventures classes

Office 2007 New Features class offered in September

Buttered Rum performs at Fermilab Arts Series Oct. 24

Fred Garbo Inflatable Theatre at Fermilab Arts Series - Nov. 7

Process piping (ASME B31.3) class offered in October and November

"The Night Before Christmas Carol" - at Fermilab Arts Series - Dec. 5

Additional Activities

Submit an announcement