

Calendar

Tue., July 31
12:00 p.m.
 Summer Lecture Series - One West
 Speaker: M. Demarteau, Fermilab
 Title: Detectors
3:30 p.m.
 DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over
 THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Wed., Aug. 1
 THERE WILL BE NO FERMILAB ILC R&D MEETING THIS WEEK
3:30 p.m.
 DIRECTOR'S COFFEE BREAK - 2nd Flr X-Over
4:00 p.m.
 Fermilab Colloquium - One West
 Speaker: R. Steiner, National Institute of Standards and Technology
 Title: How Measuring the Planck Constant gets to an Electronic Kilogram Standard

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

Weather

 **Sunny 90°/68°**

[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Feature

Labwide party aims to celebrate diversity, research



Fermilab's labwide party will be held this Friday. While Fermilab's community members come from many different countries and speak many different languages, they have one thing in common -- all of them enjoy a good party. This Friday, August 3, employees, users, contractors and DOE personnel will gather in Wilson Hall's Atrium to celebrate Fermilab's cultural diversity, as well as its commitment to top-notch science.

Attendees can expect many elements of the party to have an international flair, underscoring the theme of "World-Class People, World-Class Research." Hors d'oeuvres provided by the Cuomo Catering Company will span the culinary map, including tasty morsels from Italy, Mexico, Asia and Germany. Less-adventurous guests will find standard party fair such as vegetable crudites, fresh fruit and cheese cubes at the "International Station." At least one vegetarian choice will be found at each display.

Aside from the pleasure of their colleagues' company, party-goers can also look forward to some excellent entertainment. DJ Homer Cunningham of Chicago's "Music, Lights, and Sound" will provide music, and two raffles will take place during the party. To enter the drawings, please drop a card into the drum located outside One West upon your arrival at the party. Drawings will be held at 4:30 p.m. and 5:30 p.m., and winners must be present. Prizes include gift cards to local restaurants and home improvement stores, as well as some special items: Director Oddone has provided two bottles of wine from the Oddone vineyards for each of the drawings.

The party is scheduled to begin at 3:30 p.m. and run to 6:30 p.m. Guests are invited to enjoy delicious food, great music and good conversation, all while celebrating Fermilab's

Director's Corner

Celebration

This coming Friday, Fermi Research Alliance will host a party for all the Fermilab community: staff, users, contractors, sponsors and friends. We want to celebrate you, our broad community, national and international in character, and the many accomplishments that we have achieved together. Thus the theme of the party will be *world-class people, world-class research!* (See the *Fermilab Today* article on the left.)



Pier Oddone

The productivity of our laboratory, your productivity, continues to be extraordinary. The Tevatron will have collected 1.3 inverse femtobarns in the last ten months, more than doubling the record luminosity of the previous year. Results continue to pour out of the Tevatron experiments at more than a publication per week--and a new phenomenon has emerged as blogs keep the rumor mill swirling. MINOS has more than doubled the data from their first run and is well along in the analysis of this year's data; they presented updated measurements two weeks ago. MiniBooNE has had a great antineutrino run and earlier this year "opened the box" (by chance on my birthday!) and presented important results establishing a clearer picture in the neutrino sector. SciBoone is the speediest experiment on earth, already, in their initial run, doubling the data collected in the K2K experiment. CDMS II has had an excellent run and we expect best-in-class results in the fall. Preparations for physics at the LHC continue, with the delivery and commissioning of components for the accelerator and CMS. We have established the LHC Remote Operations Center which will come into use during the party as we celebrate with our colleagues at CERN, virtually. Even with our major setback, the failure of the cold mass support of the LHC inner triplet, the laboratory has responded magnificently and we are well on the way to completing a full repair.

Preparations for the future during this year

Tuesday, July 31

- Creamy turkey vegetable
- Chicken gyros
- *Salisbury steaks w/ mushroom au jus
- Chicken cacciatore
- Italian panini w/provolone
- Assorted pizza slices
- Super burrito

*Carb Restricted Alternative

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, August 1 Lunch

- Parsley poblano salad w/ orange glazed beef
- Blueberry cobbler

Thursday, August 2 Dinner

- Asian spring rolls
- Grilled seafood in saffron sauce
- Vegetable risotto
- Grilled bananas w/rum & ice cream

[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

recent achievements and looking forward to its future.

-- J. Bryan Lowder

Feature

Tech Specialist Tom Wesson to retire

Particle Physics Division's Tom Wesson will retire tomorrow. A member of the Fermilab community for 34 years, Wesson began working at the lab in 1973 at the "Tech 2" level after holding numerous positions in the field of electronics technology. He ends his career as a Tech Specialist.



Tom Wesson

Over the years, Wesson has been part of many important projects at the lab, but he recalled his technical and design work on the CDF Run II upgrade as his most important contribution.

Looking back on his time here, Wesson was always amazed at Fermilab's tendency to educate the experts. "There are a lot of jobs where you can go weeks and months at a time without being challenged," he said, adding that he appreciated the position's constant learning curve.

Wesson will also miss all of the great friends he has made here. During his retirement, he plans to spend time remodeling his house in preparation for a relocation that will bring him closer to family.

-- J. Bryan Lowder

Notice

Safety discussion on Aug. 2: LOTO 2 and things electrical

In the course of the last 12 months many of you have refreshed your understanding of Lockout/Tagout with a Web-based exam or have been newly advised of the requirements of NFPA 70E, Electrical Safety in the Workplace. Cumulatively, nearly one thousand employees have taken these training opportunities. It is likely safe to say that some of the concepts presented are not fully understood. You may also have encountered specific situations where the requirements are difficult to interpret or apply.

have been impressive. The ILC RDR came out earlier this year with major contributions from Fermilab. Superconducting RF infrastructure and R&D are evolving rapidly, including the recent success with the vertical SCRF test stand. We continue to work closely with the local community and this year convened the Fermilab ILC Citizens' Task Force. The future projects NOvA, Minerva and DES completed successful reviews and are poised for big advances in the next year. CDMS-25 kg is getting off the ground as well. We are developing Grid and Lattice Computing Centers. We have established the Accelerator Physics Center as a focal point for our collaborations in the development of future accelerators. We are working very closely with the particle physics community to develop a roadmap for the future of accelerator-based experiments in the U.S. We have continued to develop our international collaborations, working directly with partner laboratories CERN, DESY, KEK, and IHEP, as well as the many international agencies that support work at Fermilab and plan a joint future with the ILC.

Our new contract with DOE started in January. We are making steady progress on the many initiatives contained in our FRA proposal. When fully implemented they will have a transformative influence on the laboratory. We have growing collaborations with Argonne as we work to bring our laboratories closer, exploiting our respective strengths to our mutual benefit and the benefit of the national DOE program. We also have outstanding collaborations with SLAC on the ILC, Berkeley on SNAP and Brookhaven in the development of a future neutrino program.

All of this would never have happened without your dedication and commitment to make Fermilab thrive as a center of excellence in research and operations. Time to have a party--a safe party please!

Accelerator Update

As we are about to enter the summer shutdown of the accelerator complex, it is essential for your own safety that you understand the principles of Lockout/Tagout and electrical safety. An open meeting has been scheduled for Thursday August 2 at 11:00 AM in Curia II, WH2SW to help explain the associated requirements. Attendance is not required but may be informative to the conduct of your particular work activities. After a brief presentation, questions from attendees will be entertained. Members of the Electrical Safety Subcommittee will be present to facilitate the discussion.

-- *Electrical Safety Subcommittee*

In the News

From *Daily Herald*, July 31, 2007

Getting people to understand, support Fermilab's effort

Task force seeks lab's help in getting neighbors to support collider

A quest to bring a multibillion-dollar high-energy physics lab to Batavia could pump millions of dollars into the local and state economy as well as pave the way for new manufacturing and technology jobs across the country.

But few people realize that.

In fact, it seems few people understand - or care - what goes on at Fermilab, the federal research institute on the eastern edge of Batavia looking to host the next big thing in physics research: the International Linear Collider.

"When I talk about Fermilab, there is one overriding question people have: 'So what?' " said Roger Vernon, president of the Big Woods-Marmion neighborhood association in Aurora that borders the lab.

That attitude could cost the lab its bid to house the project, Fermi officials fear.

Vernon and several other members of the collider's citizen task force met with scientists and engineers for the first time Friday to plead for help explaining what the collider is and why it's needed.

[Read more](#)

July 27 - 30

- Three stores provided 59 hours and 4 minutes of luminosity
- LRF3 power amplifier tube replaced
- Recycler reestablishes their new damper system
- Part of CDF detector trips off
- Recycler stash lost during control card change
- I- Source has cooling problem

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements

Salary Review Process Meeting Today

General information for all employees on updates to the salary review process is now available [online](#). Please review this presentation. If you have any questions on the information provided or any topic related to the upcoming salary review, please attend one of the town-hall meetings scheduled for 1:30 p. m. on July 31 in Wilson Hall, Auditorium.

Midsummer Theatre Troupe Shakespeare in the Park

If you're looking for something to do this weekend, head out to see Bruce Worthel of the Accelerator Division play Egeus in Shakespeare's "Midsummer Night's Dream." Batavia's Clark Island is still off limits due to construction, but you can see the play for free at these locations:

Tuesday 7/31/07 - Aurora, Payton's Roundhouse - 7 p.m.

Saturday 8/4/07 - Aurora, Phillips Park - 7 p.m.

Voluntary Supplemental Life Insurance Enrollment

Supplemental Life Insurance Enrollment packets have been sent to the mail stations of all employees eligible for supplemental life insurance coverage. Enrollment materials are also available on the [Benefits Office website](#).

The premium holiday has ended and new rates, effective September 1, will be charged for all supplemental life insurance coverage. Please take the opportunity to review your current coverage and make any necessary changes by the end of the enrollment period on August 3. Contact the Benefits Office if you have questions or need assistance completing your enrollment.

Summer Intern Photo Thursday

All summer interns should report to the steps of Wilson Hall Thursday, Aug. 2 at 9 a.m. for a group photo. In case of rain, the photo will be

taken in the Atrium.

NALWO Ravinia trip Sunday

Join NALWO for a trip to [Ravinia](#) for an All Beethoven Evening on Sunday, Aug. 5. The bus will leave Fermilab's Lederman Science Education Center parking lot at 2:30 p.m. and will return around 9:30 p.m. Bring a picnic supper or money to purchase food and a blanket or folding chair. Cost is \$7.00 bus fare per person; admission to the lawn is \$10.00 payable upon arrival at Ravinia. Performance begins at 5:00 p.m. Bus reservations can be made at the Auditorium Box Office with Kathy Johnson or by mail to R. Moore, 202 N. 4th St. Geneva, IL 60134. For more information call (630) 208-9309.

[Additional Activities](#)