

Calendar

Tuesday, December 13

11:00 a.m. Academic Lecture Series - 1 West

Speaker: P. Langacker, Fermilab/ University of Pennsylvania

Title: Tests of the Electroweak Theory - Lecture 5

3:30 p.m. Director's Coffee Break - 2nd Flr X-Over

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

Speaker: R. Dixon, Fermilab

Title: Fermilab Accelerator Division: Issues, Observations, and Maintaining Integrity of de Sitter Space in My Office and the Hallway Outside

Wednesday, December 14

3:30 p.m. Director's Coffee Break - 2nd Flr X-Over

4:00 p.m. Fermilab Colloquium - 1 West

Speaker: H. Petroski, Duke University

Title: Success and Failure in Design
Note: There will be no Fermilab ILC R&D Meeting Today

Weather



Mostly Cloudy **30°/27°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

State Officials Visit Fermilab



Jim Kerby (foreground) explains the LHC magnet production to Kristi Lafleur, Jack Lavin, Pier Oddone, Chris Meister and Bob Kephart (left to right). (Click image for larger version.)

The International Linear Collider presents not only a great opportunity for Fermilab, but also for the local community and the State of Illinois. This is the message that Fermilab director Pier Oddone shared with Jack Lavin, director of the Illinois Department of Commerce and Economic Opportunity (IDCEO). Lavin, his Chief of Staff, Kristi Lafleur, and Chris Meister, Managing Director, Legislative Affairs, visited Fermilab on November 29. They came to the lab to receive more information on a proposal that Fermilab had sent to the State of Illinois for funding.

Fermilab submitted its proposal for the Illinois Accelerator Research Center at Fermilab in early November. The new building would provide laboratory and office space for visiting scientists, students and industrial partners, strengthening Fermilab's and Argonne's links to Illinois universities and industry. It would provide infrastructure for development and testing of key accelerator components, making Illinois

No Director's Corner Today

Due to last Friday's [special Director's Corner](#), there will be no message from the Director this week.

Fermilab's Machine Shop Shines the Light on Safety



Weld Shop supervisor Roger Hiller presents a flashlight to Mike Cooper of the Technical Division. (Click image for larger version.)

Employees in the Technical Division's Machine Shop gathered last Friday to eat pizza and celebrate 951 days without a DART case. During the gathering, each employee was presented with a Fermilab miniature flashlight as a token of gratitude. "We're really proud of these guys," said Charles Matthews, the Machine Shop superintendent. "So we wanted to reward them with pizza and a tool they could use to remain safe."

Just before lunch, Matthews, along with the Machine Shop's supervisor Lou Ramirez and weld shop supervisor Roger Hiller, addressed the group. "The Machine Shop has had an excellent record," said Matthews. "But I don't want you to concentrate on records. I want each of you to focus on your own personal safety as well as that of your co-workers." Matthews reminded workers not to try to catch falling objects, to

Tuesday, December 13

- Golden Broccoli & Cheese
- Hickory Smoked BBQ Pork
- Coconut Crusted Tilapia
- Spaghetti w/Meatballs
- Toasted Almond Chicken Salad on Croissant
- Supreme Baked Pizza
- Chicken Fajitas

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

[Wilson Hall Cafe Menu](#)

Chez Leon**Wednesday, December 14****Christmas Lunch**

- Spinach & Salmon Wellington w/White Wine Sauce
- Asparagus w/Lemon Zest
- Chocolate Raspberry Napoleon

Thursday, December 15**Christmas Dinner**

- Chestnut Soup w/Cognac Cream
- Lobster Medallions w/Champagne Sauce
- Sauteed Pea Pods
- Spaghetti Squash w/Green Onions
- Spinach & Pomegranate Salad
- Raspberry Parfaits w/Christmas Cookies

[Chez Leon Menu](#)

Call x4512 to make your reservation.

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Info

national laboratories the technology center for future accelerators, from the ILC to a proton driver to the Rare Isotope Accelerator to the upgrade of Argonne's Advanced Photon Source. The projected economic benefits to Illinois as the host site for these accelerator projects are significant.

After the lunch meeting, the IDCEO delegation received a brief tour of the viewing area on the 15th floor of Wilson Hall, the CDF assembly area and control room as well as the LHC magnet production facility at the Technical Division.

—*Kurt Riesselmann*



Pier Oddone (left) explains the CDF silicon technology to Jack Lavin, with CDF spokespersons Rob Roser and Young-Ke Kim looking on. (Click image for larger version.)

Milestones

always remove metal burrs from items before taking them from the cut shop, and think about what might go wrong before starting any project. Hiller said that 38 percent of all workplace injuries involve the hands, 24 percent involve a blade, and 12 percent involve a power tool, so it's often the tasks that seem "second nature" that are dangerous.

Once pizza had been served, Matthews complimented his team. "I'm always proud of these guys," he said. "This is hard work and it can be dangerous, which really highlights their achievement."

—*Siri Steiner*

Accelerator Update**December 9 - 12**

- Tevatron separators conditioning.
- NuMI off due to horn chiller problems.
- Pbar began stacking.
- Recycler began stashing.
- TeV put in shot setup, but suffered quench.

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

Announcements**Fermilab Singers**

Mark your calendars for December 15! The Fermi Singers are preparing a winter concert for your listening pleasure. It will be at noon in the Ramsey Auditorium - just 30 minutes and treats to follow!

"Perfect" Art Lecture

On Wednesday, December 14, at 9:00 a. m., Marci McDade (the curator of Fermilab's exhibit "Perfect") will give a short informal lecture to a group of art students in the Fermilab Art Gallery in

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Over 120 DZero collaborators got together in the Kuhn Barn last Wednesday to celebrate logging over 1 inverse femtobarns of data and to celebrate the completion of the upgrades that will be installed during the March shutdown of the Tevatron. *Image courtesy of Gordon Watts.* (Click on image for larger version.)

In the News

From *The Toronto Star*, December 4, 2005: Looking for God in a Busted Particle

A quantum of distinguished Canadian physicists jabbars away in awe, craning over slender railings for a better look at a giant's Meccano set.

Below them, in an activity akin to building a ship in a bottle, five storeys of complex electronics and metal parts are being assembled piece by piece with a clockmaker's precision in a cavern 100 metres beneath the surface of the Swiss countryside.

Technicians tethered to safety harnesses inch their way along metal gantries, connecting thousands of wires and cables as they go. When complete, the device will weigh 7,000 tonnes and stretch 46 metres, half again as long as an adult blue whale.

[Read More](#)

Wilson Hall. The Fermilab community is welcome to attend.

December Payroll Schedule

-Monthly leave sheets are due in Payroll by 10 a.m. on December 14, 2005 and payday will be December 22 for monthly employees.

-Weekly time sheets for the week ending December 18 are due in Payroll by 10 a.m. on December 14, and will be paid on December 22, 2005.

Country Line Dance Lessons

Classes will be held at the Village Kuhn Barn on Thursdays, from January 26 through March 2, from 6-7 p.m. This 6-week session costs \$30.00 and is open to beginner and intermediate levels. No Recreation Membership is required.

More information and registration form can be found on [the Website](#). The deadline to register is January 14.

[Upcoming Activities](#)

