

Calendar

Tuesday, May 3

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Wednesday, May 4

11:00 a.m. Fermilab ILC R&D Meeting - 1 West

Speaker: A. Juste, Fermilab

Title: Overview of Top and QCD at the ILC

12:00 p.m. Wellness Works & The Fermi Creative Writers Club - Brown Bag Seminar - 1 West

Speaker: S. Weller (Author of The Bradbury Chronicles)

Title: Predicting the Past; Remembering the Future

2:00 p.m. Proton Driver General Meeting - 1 West

Speaker: H. Nguyen, Fermilab

Title: Instrumentation Development for Proton Driver Era Kaon Experiments

Speaker: P. Limon, Fermilab

Title: SMTF Status and Plan

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

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

Speaker: D. Bryman, University of British Columbia

Title: Decays: Status and Prospects of Experiments

Weather

Illinois Lieutenant Governor's Office Visits Fermilab



(Left to Right) Duane Newhart gives Dan Persky, Ryan Mouw, Mercedes Lyson and Amber Jenkins a tour of the Main Control Room. (Click on image for larger version.)

On Wednesday, April 27, members of Illinois Lieutenant Governor Pat Quinn's office spent the day at Fermilab. Senior Policy Advisors Ryan Mouw and Dan Persky toured the lab, along with Mercedes Lyson, a fellow in the Lt. Governor's office, and Nancy Pollard, a Horticulture Coordinator for a University of Illinois Extension. The main purpose of the group's visit was to meet with Mike Becker, Bob Lootens and Dave Shemanske of Roads & Grounds, in hopes of using Fermilab's prairie seed for the Lt. Governor's Illinois Rain Garden Initiative.

An environmental program, the Illinois Rain Garden Initiative started last year to help prevent flooding and to improve storm water management. During the month of May, schools across Illinois will plant gardens consisting entirely of native plant species on school properties. Eventually, the rain gardens will develop into natural water quality systems that

Director's Corner

Good Morning!

We are about half way through the year of accelerator operations, and I thought it was a good time to summarize how we are doing.



Mike Witherell

You saw in yesterday's edition of Fermilab Today the new record in luminosity set Friday. Even more remarkable is the fact that all of the last four stores had initial luminosities above the previous record, all around $1.2 \text{ E}32 \text{ cm}^{-2}\text{s}^{-1}$.

The accelerators have been combining these record luminosities with exceptional reliability, making it possible for the experiments to record data at a record rate. Last week was the best week for integrated luminosity, and April was the record month, with over 70 pb^{-1} delivered. The integrated luminosity delivered this year is about 0.28 fb^{-1} , reaching that mark about 9 days ahead of schedule. If this keeps up, the integrated luminosity for the year should exceed the design goal of 0.47 fb^{-1} by August 8, the original date planned for the start of the annual shutdown. We are now planning on running several weeks longer this year, so the experiments will get significantly more than expected at the start of the year.

The Booster has delivered $1.7 \text{ E}20$ protons to the MiniBooNE target, bringing the total for the duration of the experiment



Mostly Sunny 54°/28°

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Tuesday, May 3

- Golden Broccoli & Cheese
- Hickory Smoked BBQ Pork \$4.75
- Hawaiian Marinated Chicken w/ Grilled Pineapple \$3.75
- Spaghetti with Meat Balls \$3.75
- Toasted Almond Chicken Salad \$4.75
- Supreme Baked Pizza \$2.75
- Chicken Tostadas \$4.75

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

[Wilson Hall Cafe Menu](#)

[Chez Leon](#) is now open. Call x4512 to make your reservation.

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collect runoff and filter the groundwater. Fermilab's Roads & Grounds department has acted as a consultant since the initiative began last year, sharing their experience of growing and maintaining approximately 1200 acres of restored prairie.

After touring Fermilab's prairie, DZero's Amber Jenkins accompanied the group on a tour of the 15th floor and the Linac. The final stop of the day was in the Main Control Room, where AD's Duane Newhart gave the group a tour of the "Mission Control" of Fermilab.

[More information about the Illinois Lt. Governor's Rain Garden Initiative](#)

- Elizabeth Clements

Wallace Kivisto Retiring To Home and the Vikings

Business Service's Wallace Kivisto retired last Friday, April 29, 2005 after nearly 16 years at Fermilab. Kivisto always felt like an individual

at the lab and not just another face. "I was never just some guy who dropped off a



package," said Kivisto, [Kivisto has two words for Packer fans:"Go Vikings!"](#)

"Everyone was on a first name basis with everyone."

Kivisto has worked at Fermilab since May of 1989. He spent time in Technical Support before switching to BS. "I will miss the people the most," said Kivisto. "I've had so many good times and tried to make the most out of everyday." During his retirement, Kivisto, a big Minnesota Vikings fan, plans on slowing down, taking it easy, and caring for his wife Regina, who is ill. He and Regina have

to 5.3E20. The one significant difficulty in accelerator operations has been the water leak that occurred inside the NuMI target enclosure on March 23. After extended work to understand the situation and to modify the target, the target is functioning again without a leak and the NuMI beam is back on. The people commissioning the NuMI beam are doing low-intensity testing now, and hope to resume delivering neutrinos regularly to MINOS within the next week.

Announcements

Monthly Windows Policy Committee Meeting

The monthly Windows Policy Committee meeting will be on Wednesday, May 4 from 1:30-2:30pm in WH5SW. For more information, contact winpol@fnal.gov.

Brown Bag Seminar This Wednesday

There will be a Brown Bag Seminar on Wednesday, May 4 from noon to 1:00 p.m. in One West. Wellness Works will present, "Predicting the past; Remembering the future." The presenter, Sam Weller, is the author of "The Bradbury Chronicles" the recently published, authorized biography of Ray Bradbury.

Employee Health & Fitness Day

Employee Health & Fitness Day will be on May 18 from 11:30-1:30 on Ring Road beginning at A1. Walk, run, rollerblade, or bike your way around the ring. This year's theme is "Laughter is the Best Medicine." A table will be set up at A1 where participants may sign-in, pick up their game ticket, and a bottle of water. Stations will be set up around the ring where you will find games to play, prizes to win and cheers of encouragement. At

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

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five children, and he now has 11 grandchildren. "I think Fermilab is a great place to work, and I enjoyed coming to work everyday," said Kivisto.

- *Eric Bland*

Accelerator Update

April 29 - May 2

- During this 72 hour period Operation established three stores that provided the experiments with approximately 57 hours and 32 minutes of luminosity
- The TeV set a new record luminosity: $122.65E30$
- TeV power supply, HP3US, springs LCW leak
- Pbar suffers from emittance problems
- Accumulator Water Skip fails
- NuMI has helium leak
- Two more stores established with luminosities of $122E30$

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

In the News

From *The Hindu*, May 2, 2005 India gets ready with ambitious science project

Mumbai, May 2. (PTI):The two volume feasibility report on the India Based Neutrino Observatory (INO) was on Sunday formally presented to the Centre by the physicists from all over the country at a scientific meeting at the Tata Institute of Fundamental Research (TIFR) here.

The report on the Rs 500 crore project of the country's hi-tech Neutrino Observatory was given to Atomic Energy Commission Chairman Anil Kakodkar by the Neutrino Collaboration Group (NCG) formed by 17 institutes and universities.

the end stop off at the prize table and pick a ticket to see if you are a winner. The rain date will be May 19.

[more information](#)

NALWO Spring Tea

There will be a NALWO Spring Tea on May 12 from 11:00 a.m. to 1:00 p.m. at Site 29.

[more information](#)

Service Opportunity

Elder Care, a facility in Madison, Wisconsin for developmentally disabled adults and senior citizens, is seeking the help of a Fermilab scientist. Every Thursday, Elder Care puts on a TV variety show on a local cable channel station. Once a month, the show is about science. Elder Care would like to find a scientist who would be willing to send a short science update to them once a month. Emailing a paragraph about the latest, exciting things happening at Fermilab once a month is all that they need. If you are interested in this service opportunity, contact [Elizabeth Clements](#).

Scottish Country Dancing

Scottish Country Dancing will meet Tuesday, May 3, at Kuhn Barn on the Fermilab site. Instruction begins at 7:30 p.m. and newcomers are always welcome. Most dances are fully taught and walked through, and you do not need to come with a partner. Info at 630-840-8194 or 630-584-0825 or folkdance@fnal.gov.

[Upcoming Activities](#)

[read more](#)