

Calendar

Tuesday, April 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: Y. Kuno, Osaka University

Title: The FFAG Accelerator for the

PRISM Project: Phase Rotation,
Injection/Extraction, RF and Magnet R&D,

The Conceptual Design and Schedule

4:00 p.m. Special Joint Experimental

Theoretical Physics Seminar - Curia II

Speaker: G. Isidori, INFN, Frascati

Title: The Physics Case for Rare Kaon

Decays

Wednesday, April 6

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

West

Speaker: H. Weerts, Michigan State

University/Fermilab

Title: Summary of LCWS05

12:00 p.m. Special Lunchtime Video

Presentation - 1 West

Title: Einstein's Unfinished Symphony

1:30 p.m. Special Particle Astrophysics

Seminar (NOTE DATE and TIME) - Curia II

Speaker: R. Battye, Jodrell Bank

Observatory and University of

Manchester

Title: Solid Dark Energy

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

1 West

Speaker: G. Isidori, INFN, Frascati

Title: Kaon Physics at the Proton Driver

Speaker: G. Apollinari, Fermilab

Title: $\beta < 1$ Cryomodules and Cost

3:30 p.m. DIRECTOR'S COFFEE

Indian Physicist Anuj Purwar Joins Quantum Diaries



Quantum Diarist Anuj Purwar proposed to his wife by creating a Web site for her.

From South Africa to Russia, the physicists on [Quantum Diaries](#) span the globe. And now [Anuj Purwar](#), a postdoc at Los Alamos National Laboratory, is the 32nd blogger to join the Web site, adding India to the list of participating countries.

Born in New Delhi, Purwar got hooked on physics after reading "Einstein's Universe" by Nigel Calder. He obtained a degree in physics from Delhi University and moved to the United States in 1998 to pursue a doctorate in physics at SUNY-Stony Brook. He is currently a member of the PHENIX experiment at the Relativistic Heavy Ion Collider at Brookhaven National Laboratory in Long Island, NY.

When Purwar isn't studying heavy flavor production at RHIC, he can be found ballroom dancing, making Web sites to woo his wife and most recently learning how to ski. In his blog, you can read all about his life at Los Alamos and how he and his wife met over the internet. "I had advertised myself as 'Dancing Nuclear Physicist Seeking Smart, Self-Aware Woman'," Purwar wrote in a recent blog.

"Our first date was at Pascalou, a quaint

Director's Corner

Good Morning!

Fermilab passed an important milestone in the neutrino program Sunday morning. The total number of protons delivered to the MiniBooNE target over its two and a half



Mike Witherell

years of operation reached 5×10^{20} . The Booster Neutrino Beam continues to operate well and will deliver many more protons by the time of the fall shutdown.

Important physics results are expected from MiniBooNE late this year, using the data sample collected up to this year's shutdown. They will be able to check the evidence from the LSND experiment of a neutrino oscillation that would require a complete rethinking of neutrino physics.

Another event in the last week was the DOE review of Tevatron. They gave the laboratory high marks for managing operations of the experimental program over the last year, especially for accelerator performance. They also said that the future goals for the rest of Run II and for the neutrino program represented a real challenge, particularly within the tight budgets that are now foreseen.

I agree. We have set design goals for Run II and for the neutrino program that challenge the laboratory, in an attempt to optimize the physics coming from both programs over the next few years.

BREAK - 2nd Flr X-Over

4:00 p.m. Fermilab Colloquium - 1 West
Speaker: R. Myers, Stanford University
School of Medicine

Title: Using Genomics to Study Human
Biology and Disease

Weather



Mostly Sunny 76°/56°

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Wilson Hall Cafe

Tuesday, April 5

Creamy Turkey Vegetable Soup

Popcorn Shrimp Hoagie \$4.75

Salisbury Steaks w/ Mushroom au Jus
\$3.75

Chicken Cacciatore \$3.75

Smoked Turkey Breast on Homemade

Fococcia \$4.75

Philly Cheese Stromboli \$3.25

Chipotle Chili & Queso Nachos Supreme
\$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.

Search

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Info

eatery in the Upper East Side of
Manhattan...Something clicked between
us and before I knew, I was asking her to
marry me on the web."

[read more from Anuj Purwar's blog](#)

-Elizabeth Clements

World Year of Physics Event: Einstein to Visit Argonne



Bill Landry as "Einstein the Man" (Click in
image for larger version.)

In celebration of the World Year of
Physics, "Einstein the Man," a play
presenting the ideas of the great physicist
in his own words, will be performed at
Argonne by Emmy Award-winning actor
Bill Landry on Thursday, April 7 and at the
University of Chicago on Friday, April 8.

Landry uses Einstein's own words to
portray the physicist's scientific work,
philosophical ideas and personal
idiosyncrasies. Following the
performance, Landry takes questions as
Einstein, then removes his extensive
makeup to answer questions about the
play. Landry has presented the play,
which he also wrote, more than 850 times
to audiences that now total more than
500,000 in 38 states. The play has also
been adapted for National Public Radio
and for PBS television.

Two performances will be held at
Argonne on Thursday, April 7, both in the

Accelerator Update

April 1 - April 4

- During this 72 hour period Operations
established two stores that combined with
an existing store provided the
experiments with approximately 63 hours
and 42 minutes of luminosity
- MiniBooNE magnet repaired
- Pbar and Recycler suffered from
emittance problems
- TeV RF station tripped off causing
luminosity loss
- NuMI scanned target

[Read the Current Accelerator Update](#)

[Read the Early Bird Report](#)

[View the Tevatron Luminosity Charts](#)

In the News

From Science, April 1, 2005 High-Energy Physics: Exit America?

by Charles Seife

*Budget cuts and cancellations threaten to
end U.S. exploration of the particle
frontier*

Monday, 7 February, was a grim day for
the Fermi National Accelerator Laboratory
(Fermilab). "You wake up, you go to a
presentation, and you find out you're
dead," says Fermilab physicist Joel
Butler. Butler is co-spokesperson of an
experiment known as BTeV--a
multimillion-dollar project that would allow
scientists to study the properties of the
bottom quark. But that Monday, when the
new Secretary of Energy Samuel Bodman
took to the podium to announce the
department's budget request for 2006,
BTeV scientists were horrified to discover
that their project had been canceled.

[read more](#)

Announcements

Fermilab Today is online at:

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Building 362 Auditorium. The first performance at 3:00 p.m. is only for Argonne employees. The second performance at 7:00 p.m. is open to the general public. The Enrico Fermi Institute and the Kavli Institute for Cosmological Physics at the University of Chicago will host a performance at the University's Hyde Park campus on Friday, April 8, at 10 a.m.

The play is appropriate for children in middle school and older. Non-employees wishing to attend the performance should pre-register by calling (630) 252-5580. A photo ID is required for all attendees 16 years of age and older.

Calling All NCAA Basketball Fans

Last year, Fermilab Today ran an [article](#) about the results of the NCAA basketball tournament among experiment collaborations, and we plan to do the same thing this year. After the championship game, Fermilab Today invites collaborators to send their results to [Eric Bland](#).

Watch Einstein While You Eat

The video, "Einstein's Unfinished Symphony" will be shown in 1 West on Wednesday, March 30 at noon. All welcome; eating permitted!

Silk and Thistle Scottish Country Dancing

The "Silk and Thistle" Scottish country dance group will be celebrating Tartan Day with a free dance party at 7:30 p.m. Tuesday, April 5, at Kuhn Barn. Anyone interested is invited to this party to join in the appreciation of things Scottish and to try out the country's traditional social dancing. The celebration will offer some traditional foods, as well as an exhibit of books and materials on Scottish history, heritage and tartans.

[Upcoming Activities](#)