

Calendar

Friday, September 17

9:00 a.m. - 6:30 p.m. [TeV4LHC](#)

[Workshop](#) - 1 West

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4:00 p.m. Joint Experimental Theoretical Physics Seminar - 1 West

Speaker: K. Matchev, University of Florida

Title: The Tevatron-to-LHC Physics Roadmap

8:00 p.m. Fermilab Lecture Series - Auditorium

Speaker: Michael Sagan, Trek Bicycles

Title: Developing the US Postal Service Pro Cycling Team Bicycles for the Tour de France

Saturday, September 18

9:00 a.m. - 1:00 p.m. [TeV4LHC](#)

[Workshop](#) - 1 West

Monday, September 20

12:30 p.m. Special Seminar - WH-10NW (The West Wing)

Speaker: M. Yokoyama, Kyoto University

Title: The Latest K2K Results

2:30 p.m. Theoretical Astrophysics Seminar - Curia II

Speaker: C. Baccigalupi, SISSA

Title: CMB Imaging and Dark Energy Clustering

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ALL EXPERIMENTERS' MEETING THIS WEEK

Wilson Hall Cafe

In Memoriam: Joe Rogers



Joe Rogers

Joe Rogers, an accelerator scientist at Cornell University and member of Fermilab's Accelerator Advisory Committee, died suddenly on May 25. He was 46.

A leader at Cornell for International Linear Collider R&D, Rogers was well known at Fermilab for his contributions to the R&D for an ILC Damping Ring. His innovative ideas led to the design of a fast kicker magnet for the ILC, which would operate in ultra short pulses to extract particles circling in the damping ring and send them into the linear collider. Development of these ideas continues at Fermilab and Cornell.

"Joe was not only a terrific accelerator scientist, but a wonderful person," said Steve Holmes, Associate Director for Accelerators at Fermilab. "He was a great friend and his passing is felt not only as a loss to the international accelerator community, but personally by his many colleagues here at Fermilab. Our sympathies are with his family and his colleagues at Cornell."

Born in Chicago, Rogers lived for most of

What's Up with the Linear Collider?

The fifteenth in a series of Fermilab Today stories on the International Linear Collider. The entire series is [available online](#).

Witherell: Lab can double ILC resources in FY05



Superconducting accelerator R&D will be significantly ramped up at Fermilab in the wake of the decision on "cold" technology for the ILC. (Click on image for larger version.)

To a capacity Colloquium audience Wednesday afternoon in One West, Fermilab Director Michael Witherell asserted that Fermilab's "relatively small" effort in superconducting RF research and development for the proposed International Linear Collider would be significantly ramped up. By redirecting X-band (warm) efforts and focusing on superconducting RF in light of the recommendation by the ILC International Technology Recommendation Panel, Witherell said the lab could effectively double ILC resources for FY05.

Witherell emphasized that many labs will participate worldwide, with DESY, Fermilab, KEK and SLAC taking the lead, and with Fermilab and SLAC sharing the U.S. lead. He added that "it's time to get serious about detectors," pointing to the lab's study groups on ILC physics and detector studies, and on silicon-based

Friday, September 17

Old Fashioned Ham & Bean soup
Black & Blue Cheeseburger \$4.75
Chicken Wellington \$3.75
Tex-Mex Lasagna \$3.75
Roasted Veggie & Provolone Panini
\$4.75
Pizza cacciatore \$2.75
Vegetarian Stir Fry \$4.75
[Wilson Hall Cafe Menu](#)
[Chez Leon](#)

Weather



Mostly Sunny **72°/50°**

[Extended Forecast](#)

[Weather at Fermilab](#)

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[Secou Level 3](#)

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his childhood in Glen Ellyn. Rogers joined the faculty of Cornell's Department of Physics as an assistant professor in 1992. He is survived by his wife and two young sons, David, 4, and Michael, 8 months.

"Joe was an excellent accelerator physicist with innovative ideas, a cheerful person, a great friend and a family person," said Shekhar Mishra, Head of Fermilab's ILC efforts. "He talked about his son, wife and his dad last time we had dinner together in March. Family was in his mind. The accelerator community has lost a remarkable scientist, and we all miss him."

A memorial service will be held on Sunday, September 19 at 2:30 p.m. at the Barnes Hall Auditorium in Ithaca, New York. An education fund has been established for his two sons. Gifts can be made to the David and Michael Rogers Education Fund, c/o Sandy Grooms, Tompkins Trust Company, P.O. Box 460, Ithaca, New York, 14851-0460.

Tonight: Bikes of the Tour de France

Tickets Still Available for Lecture

Michael Sagan, Industrial Design Lead for Trek Bicycles, will present "Concept to Victory (Part 6): Developing the U.S. Postal Service Pro Cycling Team Bicycles for the Tour de France" tonight at 8:00 p.m. in Ramsey Auditorium. Tickets are \$5.00.

Last month the Tour de France celebrated its 101st anniversary. One of the most grueling sporting events in the world, the bikers cover almost 3400 kilometers over three weeks. The daily stages consist of races over both flat and

detector design.

Witherell reiterated the lab's strong desire to host the ILC, and to host the Central Team of the Global Design Initiative, the next step in developing a Conceptual Design Report. The Fermilab site, he said, offers unique advantages as ILC host, and he reported hearing several comments from scientists in Beijing that "the fastest and best way to get there is through Fermilab."

The lab's specific plan is to develop the capability to design, build and test superconducting accelerator structures; prepare to build an ILC Engineering Test Facility; develop a formal bid to host; begin working on civil engineering issues; and begin public outreach efforts. Witherell also announced a detailed presentation on Fermilab ILC efforts by Associate Director for Accelerators Steve Holmes and Head of ILC Efforts Shekhar Mishra on Friday, September 24-with the added attraction of wine and cheese.

Right after his Colloquium presentation, Witherell was bound for Geneva, Switzerland to address a gathering of international funding agencies. On Thursday, Witherell presented on Thursday the unanimous support of the major particle physics lab directors for the decision on superconducting technology for the ILC design. Barry Barish, chairman of the ILC International Technology Recommendation Panel, presented the report on the technology decision.

"We're hoping this funding group will endorse the ILC," Witherell said during the Colloquium question period. "We'll be watching very closely how funding

mountainous terrain, testing the contenders' speed, strength, and endurance. Last month Lance Armstrong, backed by the United States Postal Pro Cycling team, won for the sixth time.



He is the first man ever to achieve this honor. No one understands the grueling demands of the Tour de France better than the folks at Trek bicycles who have designed and supplied bicycles to the United States Postal team.

One of the bikes used by the US Postal Team

[more information](#)

In the News

From *The Chronicle*, September 16, 2004

White House Nominates Acting Director to Lead National Science Foundation

By Kelly Field

President Bush on Wednesday nominated Arden L. Bement Jr. to lead the National Science Foundation, three days before his term as acting director was set to expire.

Mr. Bement, who is also director of the National Institute of Standards and Technology, was appointed interim director of the foundation in February. He succeeded Rita R. Colwell, who had resigned to become chairwoman of Canon U.S. Life Sciences Inc.

[Read more](#)

agencies react over the next year."

[read more](#)

Announcements

Open Enrollment for the Medical and Dental Insurance Plans

The open enrollment period ends on Monday, September 20, 2004. The open enrollment form must be in by 5:00 P.M. on September 20, 2004. You can access [further information online](#).

Fermilab's Silk and Thistle Dancers

Fermilab's Silk and Thistle dancers will be performing on the Ceili Dance Stage at 12:30 p.m. Saturday, Sept. 18, as part of the Chicago Celtic Fest. More information on the festival is [available online](#).

New Classified Ads Posted on Fermilab Today

New [classified ads](#) have been posted on *Fermilab Today*. A permanent link to the classifieds is located in the bottom left corner of *Fermilab Today*.

Free English Classes

NALWO-sponsored free English language classes for beginning and advanced levels are Fridays at the Users Center from 9:30 a.m. to 11:00 a.m.

Wilson Hall Elevator Maintenance

Elevator 2 and Elevator 3 will be out of service on Friday from 9:00 a.m. to 11:00 a.m. for maintenance. For more information contact Stan Boyson at x4753.

Upcoming Power Outages September 24

Wilson Hall and all of Fermilab except for the Village and the Main Injector will have no power for half an hour beginning around 7:00 a.m.

From the *House Committee on Science*, September 16, 2004

Boehlert Praises Bement Nomination as NSF Director

WASHINGTON, D.C., September 15, 2004 – Science Committee Chairman Sherwood Boehlert (R-NY) released the following statement in response to the nomination today of Dr. Arden Bement as Director of the National Science Foundation (NSF):

“I’m delighted that the President has nominated Arden Bement to be the Director of the National Science Foundation. Arden knows the agency well and brings a wealth of experience in industry, government and academia to the job...”

[Read more](#)