

Calendar

Friday, May 27

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

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

Speaker: A. Safonov, University of California, Davis

Title: Searches for Supersymmetry at CDF

Monday, May 30

Memorial Day Holiday

Tuesday, May 31

11:00 a.m. Computing Techniques Seminar - FCC1

Speaker: M. Lamanna, CERN

Title: Status of LCG Project Distributed Analysis Activity - ARDA

12:00 p.m. Summer Lecture Series - 1 West

Speaker: M. Syphers, Fermilab

Title: How Accelerators Work

3:30 p.m. DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

Weather



Chance Thunderstorms **70°/46°**

[Extended Forecast](#)

[Weather at Fermilab](#)

Current Security Status

[Secou Level 3](#)

Stanford Linear Accelerator Center Reorganizes to Position Itself for Major Discoveries

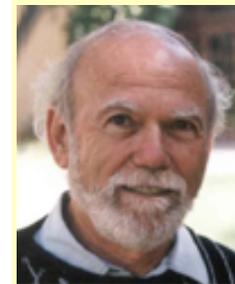


(Clockwise from top left) Persis Drell, Deputy Director and Director of Particle and Particle Astrophysics, Keith Hodgson, Deputy Director and Director for Photon Science, John Galayda, Director of LCLS Construction, and John Cornuelle, Director of Operations.

MENLO PARK, Calif.-- On May 24, Jonathan Dorfan, director of the Stanford Linear Accelerator Center (SLAC), announced a complete reorganization of the structure and senior management of the laboratory, which Stanford University has operated for more than 40 years for the U.S. Department of Energy. The new organizational structure is built around four new divisions--Photon Science, Particle & Particle Astrophysics, Linac Coherent Light Source (LCLS) Construction and Operations.

American Academy Selects Shochet, Barish for 2005

Mel Shochet of CDF and Barry Barish of the ILC have been elected Fellows to the American Academy of Arts and Sciences for 2005, joining a class of 225 members including Supreme Court Justice William Rehnquist, actor/director Sidney Poitier, Google co-founders Sergey Brin and Larry Page, and playwright Tony Kushner among an array of scholars, scientists, artists, and civic and corporate leaders. Foreign Honorary Members include Nobel Prize-winning poet Wislawa Szymborska, and conductor and pianist



Daniel Barenboim. The 2005 Fellows will be inducted in October.

Barish has served as Linde Professor of Physics at the California Institute of Technology, Director and Principal Investigator of the Laser Interferometer Gravitational Wave Observatory (LIGO), and is a member of the National Science Board. He was recently named Director of the Global Design Effort for the International Linear Collider.

Shochet is the Kersten Distinguished Service Professor at the Enrico Fermi Institute of the University of Chicago, and a Fellow of the American Physical Society class of 1989. He was part of the CDF team that discovered the top

quark and measured its mass, and his current research focuses on top quark

Wilson Hall Cafe

Friday, May 27

Old Fashioned Ham & Bean Soup
Black & Blue Cheeseburger \$4.75
Chicken Wellington \$4.25
Stuffed Manicotti \$4.75
Roasted Veggie & Provolone Panini
\$4.75
Assorted Pizza Slices
Vegetarian Stir Fry \$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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"One thing that is recurrent in world class scientific research is change," Dorfan said. "Recognizing new science goals and discovery opportunities and adapting rapidly to exploit them efficiently, cost effectively and safely is the mark of a great laboratory. Thanks to the support of the Department of Energy's Office of Science and Stanford University, SLAC is ideally placed to make important breakthroughs over a wide spectrum of discovery in photon science and particle and particle astrophysics.

"These fields are evolving rapidly and we are remodeling the management structure to mobilize SLAC's exceptional staff to better serve its large user community.

The new structure is adapted to allow them to get on with what they do best-- make major discoveries."

[read more](#)

-Neil Calder, SLAC Director of Communications

In the News

From the Interactions News Wire, May 25, 2005

RIKEN-BNL Research Center Dedicates New Supercomputer for Physics Research

UPTON, NY - A new computer -- the RIKEN BNL Research Center supercomputer -- was unveiled today at a dedication ceremony at the U.S. Department of Energy's Brookhaven National Laboratory attended by physicists from around the world. It is called QCDOC for quantum chromodynamics on a chip, and it was designed and built by Brookhaven Lab, Columbia University, IBM, RIKEN -- The Institute of Physical and Chemical

properties.

"This is great," CDF Co-Spokesperson Young-Kee Kim said. "I can't think of anyone else who deserves this award more than

Mel. He is direct, honest, sincere and responsible. I cannot ask for someone better than Mel as a colleague."

-- *Eric Bland*



Mel Shochet

Announcements

Weekly Time Sheets Due Today

With the upcoming Memorial Day Holiday on Monday, Weekly Time Sheets are due in Payroll by 10:00 a.m on Friday May 27, 2005.

Children's Center 25th Anniversary Reunion and Ice Cream Social

All current or former Children's Center students and their families are invited to a Reunion at The Children's Center (28 Shabbona) on Wednesday, June 1, from 5:30 p.m. to 6:30 p.m. We will celebrate our 25th year by enjoying ice cream and lots of reminiscing. If you plan to attend, please RSVP to Linda Olson-Roach, (630) 840-3082, lor@fnal.gov.

Save the date! Witherell Symposium, Reception on Thursday, July 14

Fermilab will hold a symposium, "Fermilab Science: The Witherell Years" in honor of Michael Witherell, who will leave his position as director on June 30. The Symposium will be held in Ramsey Auditorium on the afternoon of July 14 at 1:00 p.m., and will be followed by a labwide reception at 4:30 p.m. in the Wilson Hall atrium. Fermilab Today will publish more details as soon as they are

Research in Japan, and the University of Edinburgh. The computer has 10 teraflops of peak computing power, which makes it capable of performing 10 trillion arithmetic calculations per second, with sustained speeds of five teraflops. The \$5-million computer took three years to build and is funded by RIKEN, with infrastructure support from DOE's Office of Science.

Taking up only 100 square feet of floor space, the supercomputer is installed at Brookhaven Lab in the RIKEN-BNL Research Center, a physics research center formed by RIKEN and Brookhaven Lab in 1997. QCDOC achieves its ultra-fast speed by harnessing the power of 12,288 individual computers, each with its own memory and an extremely fast interprocessor communication network. Each processor is constructed on a single silicon chip, so the supercomputer is essentially 12,288 interconnected chips. This simple design leads to a low power requirement of about 100 kilowatts compared to the many megawatts typical of most commercial supercomputers.

[Read more](#)

available.

New Classifieds 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*.

2-for-1 Tickets for World Premiere

From May 27 to July 10, Victory Gardens Theater in Chicago will show the play *Symmetry*, the world premiere of David C. Field's drama pitting big business, pure science and power politics. Set in present time, the play portrays a brilliant young physicist determined to escape the obscurity of his small southwestern university. Performances on June 2 and June 9 have pre-show lectures with Jeff Harvey and Sean Carroll, University of Chicago. To receive tickets at a 2-for-1 discount, Fermilab employees should call 773-871-3000 and mention this announcement.

[more information](#)

Budker Seminar Series

The next Budker Seminar Series will be on Tuesday, May 31 at 6:00 p.m. in the Users' Center. Phil Yoon, Fermilab, will present: Simulations of Fermilab Accelerators:

- Error-Induced Beam Degradation in the Booster
- Injection Methods for the Upgraded Main Injector
- RF Stacking in the Accumulator

[Upcoming Activities](#)