

Calendar

[Have a safe day!](#)

Friday, July 24

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
4 p.m.

[Joint Experimental-Theoretical Physics Seminar](#) - One West

Speaker: Gavin Hesketh,
Northeastern University
Title: Precision QCD at DZero:
Dijets and Vector Boson Plus
Jets

Monday, July 27

PARTICLE ASTROPHYSICS
SEMINARS WILL RESUME IN
THE FALL

3:30 p.m.

DIRECTOR'S COFFEE
BREAK - 2nd Flr X-Over
THERE WILL BE NO ALL
EXPERIMENTERS' MEETING
THIS WEEK

[Click here](#) for NALCAL,
a weekly calendar with
links to additional
information.

Campaigns

Take Five

Tune IT Up

Weather



Breezy
83°/63°

[Extended Forecast](#)
[Weather at Fermilab](#)

Current Security Status

Secon Level 3

Wilson Hall Cafe

Feature

U.S. CMS members appointed to CMS executive team



Fermilab's Ian Fisk (left) will become the CMS
computing coordinator. UCSB's Joe Incandela will
become a CMS deputy spokesperson.

After a unanimous endorsement from the CMS
collaboration board, two additional U.S. CMS
scientists will join the senior management of
the international experiment at CERN.

Joe Incandela, of the University of California-
Santa Barbara and member of Fermilab's CDF
experiment, will serve as a deputy
spokesperson. Fermilab's Ian Fisk will become
computing coordinator. Their two-year terms
start on Jan. 1, 2010. CMS Spokesperson-
elect Guido Tonelli made both appointments.

"I wanted to have people from the Tevatron,"
said Tonelli, a physicist at INFN and University
of Pisa who was elected as the next CMS
spokesperson in March. "The startup will be a
very important phase for CMS. Having people
who have gone through this experience before
is a great asset to me."

Fisk currently serves as the U.S. CMS deputy
software and computing manager and CMS co-
ordinator for offline and computing
integration. In his new role, Fisk will be
responsible for the entire computing system
for CMS. "We are in good shape thanks to the
people who came before me," he said.

In addition to overseeing the U.S. contribution
to the silicon strip tracker, Incandela currently
serves as the CMS deputy physics
coordinator. He will share his deputy
spokesperson responsibilities with CERN's
Albert De Roeck. "The physics and detector

Recovery Act Feature

Shifting light for NOvA



PPD's Irina Kubantseva will help test the
wavelength shifters in the Fermilab chemistry lab
when the first shipment arrives in September.

As progress continues on the construction site
of the NOvA project in northern Minnesota, the
first major material item for the future neutrino
detector is under production in eastern
Pennsylvania.

In June, Fermilab awarded a \$2.1 million
contract in American Recovery and
Reinvestment Act funding to a small company
in Bucks County, Pa., that will manufacture
roughly 8,700 kilograms of two chemical
powders, dubbed wavelength shifters, for the
experiment.

"The Recovery Act has been vital to jump-
starting our economy in Bucks County by
saving and creating jobs and investing in
energy and technology," said Congressman
Patrick Murphy, D-Pa.

When complete, the 15,000-ton NOvA
detector will be 71 feet tall, 63 feet wide, 471
feet long and contain a tank filled with 3 million
gallons of liquid scintillator. Roughly 99
percent of the liquid consists of mineral oil and
pseudocumene, a scintillating agent. The

Friday, July 24

- Old fashioned ham & bean
- Philly style chicken
- Chicken pot pie
- Baked fish over rice
- Roasted veggie & provolone panini
- Assorted sliced pizza
- Baked potatoes

[Wilson Hall Cafe menu](#)**Chez Leon**

Wednesday, July 29

Lunch

- Carne asada w/ guajillo sauce
- Spanish rice
- Pico de gallo
- Cold lime soufflé

Thursday, July 30

Dinner

- Closed

[Chez Leon menu](#)

Call x3524 to make your reservation.

Archives[Fermilab Today](#)[Result of the Week](#)[Safety Tip of the Week](#)[User University Profiles](#)[ILC NewsLine](#)**Info**[Fermilab Today](#)

is online at:

www.fnal.gov/today/

Send comments and suggestions to:

today@fnal.gov

Visit the Fermilab

[home page](#)

groups have spent over two years continuously improving data-driven methods and preparing to do physics," he said. "What remains is to put it all together. This is where Albert De Roeck and I will concentrate our attention."

Fisk and Incandela join another U.S. CMS collaborator, Wesley Smith of the University of Wisconsin-Madison, who will continue as trigger coordinator.

In selecting his "cabinet," which consists of two deputies and six Level 1 coordinators, Tonelli strove to create a central team with expertise in both hardware and physics. Next, Tonelli will seek nominations for deputy coordinators, a publication committee chair and project managers. He plans to announce this second phase of appointments in September.

-- *Elizabeth Clements***In Brief**

Call for applications for awards in URA Visiting Scholars Program

Universities Research Association, Inc. (URA) has announced a deadline of September 18, 2009 for the submission of applications for the second round of 2009 awards in the URA Visiting Scholars Program at Fermilab. Successful applicants will be notified at the end of October.

These awards provide financial support for faculty and students from URA's 87 member universities to work at Fermilab for periods of up to one year. URA makes two rounds of awards each year, in the spring and fall. The application deadline for the spring 2010 cycle will be in February 2010. URA will notify successful applicants in late March.

Proposals may range from attendance at conferences or summer schools to year-long research stays. Support from this program can include transportation costs, local lodging expenses during short visits and stipend support during a longer visit. Individuals may receive awards up to a maximum of \$50,000 in any 12-month period. With the 16 awards conferred in May 2009, URA has bestowed a total of 50 awards since the beginning of the program in 2008.

The program is a corporate commitment to Fermilab made by URA under the Fermi

wavelength shifters, two powdered chemicals called PPO and bis-MSB, make up less than 1 percent.

"The chemicals are the crucial element here," said Fermilab physicist John Cooper, project manager for the NOvA experiment.

Scientists use the chemicals to change the wavelength of particles of light, called photons, into the required range for the experiment. "One type of photon comes in, and another comes out," Cooper said. "Due to the sheer size of NOvA, it takes a lot of the chemicals."

Fermilab will receive the complete order of wavelength shifters during the next year, with the first 15 percent arriving in September.

Fermilab awarded the contract to Curtiss Laboratories after a rigorous bidding and technical evaluation process. The nine-person company has reliably supplied chemicals to Fermilab for more than 10 years.

Murphy, a strong supporter of basic research, commended the Bucks County business for contributing to a future particle physics project. "It is a testament to the employees in Bucks County," he said. "We are very proud."

-- *Elizabeth Clements***Special Announcement**

Register for JTerm-IV by August 1

The LHC Physics Center at Fermilab will sponsor the fourth annual JTerm Workshop on August 3-6. The workshop will include a mix of "CMS 101" lectures, covering detector basics, remote operations, software tutorials and physics studies. For an agenda, visit the workshop Web site. To register, click on the evaluation button at the top of the Web site's [agenda page](#).

Photo of the Day

Research Alliance, LLC contract with the Department of Energy. The 87 URA member universities each contribute \$5,000 per year for five years in support of joint Fermilab-URA research and education initiatives.

For details on the URA Visiting Scholars at Fermilab Program, including eligibility, application procedure, award administration, and names of award recipients, visit the [URA Visiting Scholars Website](#).

Special Announcement

Weekend power, AC outages, cafeteria closure; Monday morning power outage

On Saturday, July 25, shutdown workers will turn off the power feeder that controls the air conditioning to Wilson Hall. This will cause a drastic reduction in the building's air conditioning service on both Saturday and Sunday. To reduce the building's heat load, please plan to shut down all electronics at the close of business on Friday, July 24.

Although Wilson Hall will not be closed, it will be uncomfortably warm. For this reason, the cafeteria will not open on Saturday.

Power to the Accelerator Division's computer room will be out from 5:30 p.m. Friday and remain out until 7:30 a.m. Monday morning. This means no AD computers will operate.

Most power and all air conditioning will be restored late Sunday evening in time for business Monday morning.

A separate power outage will take place from 7-7:30 a.m. Monday morning. All beamline areas, Wilson Hall and AD areas except for the Main Injector will be without power during this time. From 8-9 a.m., another outage at the Kautz Road substation will affect only the Main Injector.

Computing Division Picnic



On Wednesday, members of the Computing Division and their families enjoyed a lunchtime picnic at the Kuhn Barn.

Announcements

[Reminder: Changes to FTL system](#)

[Time to complete accomplishment reports](#)

[Bristol Renaissance Faire discount tickets](#)

[Six Flags Great America discount tickets](#)

[Pool memberships available in the Recreation Department](#)

[Raging Waves Waterpark online discount ticket program](#)

[Summer safety tips for older adults](#)

[Accelerated C++ short course begins August 6](#)

[Outlook 2007: New Features class August 6](#)

[The University of Chicago tuition remission program - August 17 deadline](#)

[Process piping \(ASME B31.3\) class offered in October and November](#)

[Additional Activities](#)

[Submit an announcement](#)



Classifieds
Find new [classified ads](#) on *Fermilab Today*.