

Calendar

[Have a safe day!](#)

Wednesday, Aug. 18
8 a.m. - 9:15 p.m.

[Hadron Collider Physics](#)

[Summer School](#) - One West

THERE WILL BE NO
THEORETICAL PHYSICS
SEMINAR THIS WEEK
3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

Fermilab Colloquium -

Auditorium (NOTE LOCATION)

Speaker: Silvia Pascoli,

Durham University

Title: [Neutrinos: An Open](#)

[Window on the Fundamental](#)

[Laws of Nature and the](#)

[Evolution of the Universe](#) (in

conjunction with the Hadron

Collider Physics Summer

School)

Thursday, Aug. 19

8 a.m. - 8:15 p.m.

[Hadron Collider Physics](#)

[Summer School](#) - One West

2:30 p.m.

[Theoretical Physics Seminar](#) -

Curia II

Speaker: Jay Wacker, SLAC

National Accelerator Laboratory

Title: It's On! Using ATLAS'

First Results on Jets and

Missing Energy Searches

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO

ACCELERATOR PHYSICS

AND TECHNOLOGY

SEMINAR THIS WEEK

Click here for [NALCAL](#),

a weekly calendar with

links to additional

information.

[Upcoming conferences](#)

In the News

Nicola Cabibbo: 1935–2010



Nicola Cabibbo

The Italian physicist Nicola Cabibbo, who many said should have shared the Nobel Prize for Physics in 2008 for his contribution to understanding the mechanism of quark mixing, died yesterday at the age of 75.

Cabibbo held many high-profile positions throughout his career including president of the Italian National Institute of Nuclear Physics (INFN). At the time of his death he was working at the University of Rome "La Sapienza", and was president of the Pontifical Academy of Sciences and chair of the scientific council at the Abdus Salam International Centre for Theoretical Physics (ICTP).

Only last week Cabibbo, together with Ennackal Chandy George Sudarshan of the University of Texas at Austin, were awarded the ICTP's 2010 Dirac medal for their "fundamental contributions to the understanding of weak interactions and other aspects of theoretical physics". A friend or colleague of Cabibbo will now be invited to accept the award on his behalf when it is presented in November by Irina Bokova, the director general of the United Nations Educational, Scientific and Cultural Organization.

Weak force pioneer

Cabibbo was best known for his work on the weak interaction in quarks – a fundamental particle that makes up hadrons such as protons and neutrons – and had been recognized for his contribution to "quark-mixing" between different favours of quarks. In 1963 he introduced the "Cabibbo angle" that is related to the relative probability that down and strange quarks decay into up quarks.

[Read more](#)

Special Announcement

From the Finance Section

Waiting for our budget

Cindy Conger, chief financial officer and head of the Finance Section, wrote this week's column.

In about six weeks we will say goodbye to Fiscal Year 2010 and say hello to FY2011. Ideally, Congress will have passed all appropriations bills by Oct. 1, but that rarely happens. As in years past, we are expecting a continuing resolution that funds our laboratory at previous-year levels until Congress passes the energy and water appropriation, which funds the Department of Energy, and the president signs it.



Cindy Conger

The president's budget request, unveiled on the first Monday in February each year, is the beginning of the public portion of the federal funding process. The Congressional appropriations committees then deliberate upon the PBR and often modify its numbers on the way to the final appropriations bills.

The PBR is public information and is the result of budget recommendations made by the federal agencies, the Office of Management & Budget and the president. In this view of the [PBR](#), one can see the budget request for all federal agencies, including the Department of Energy, by major program, including the DOE Office of Science.

So where is Fermilab's information? For that, you need two documents from the [FY2011 DOE budget request to Congress](#). Volume 4 – Science, listed on the DOE website under detailed budget justifications, contains a section on the Office of High Energy Physics and gives information about what the president and the agency have planned for our primary funding office. The laboratory tables, under the section labeled "summary budget documents", have the specific requests for each laboratory and site, by DOE program office, including the summary request for

Campaigns

[Take Five](#)

[Tune IT Up](#)

H1N1 Flu

For information about H1N1, visit Fermilab's flu information [site](#).

Weather

 Partly sunny
81°/65°

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

Current Security Status

[Secon Level 3](#)

Wilson Hall Cafe

Wednesday, Aug. 18
- Breakfast: English muffin sandwich
- Beef barley soup
- Gyros
- Caribbean grilled salmon
- Stuffed pepper
- Beef and cheddar panini
- Assorted sliced pizza
- Grilled chicken bowtie w/ tomato cream

[Wilson Hall Cafe Menu](#)

Chez Leon

Wednesday, Aug. 18
Lunch
- Chicken, rice & tropical fruit salad
- Herbed green beans
- Cream puff w/ ice cream & caramel sauce

Thursday, Aug. 19
Dinner
- Garden salad
- Grilled swordfish
- Lemongrass rice
- Steamed green beans
- Lemon Napoleon

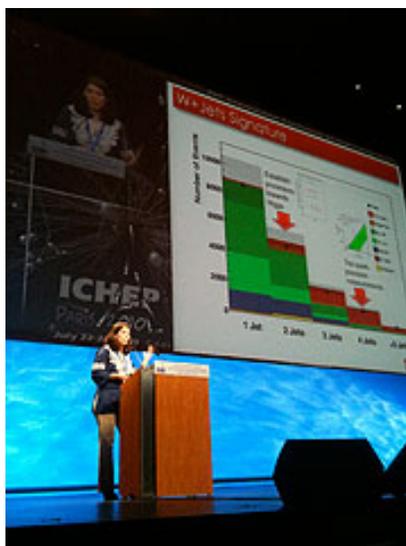
All-hands meeting at 11:15 a.m. Thursday in Auditorium

As part of his visit to Fermilab on Thursday, Aug. 19, Department of Energy Deputy Secretary Daniel Poneman will hold a 30-minute all-hands meeting and Q&A beginning at 11:15 a.m. in Ramsey Auditorium.

Poneman will discuss the work conducted at Fermilab and new efforts across the DOE complex. During the Q&A session, Poneman would like to hear directly from employees and answer their questions.

Feature

Florecia Canelli awarded IUPAP Young Scientist Prize



CDF physicist Florecia Canelli presents on her research at the International Conference on High Energy Physics in Paris last month after receiving the IUPAP Commission on Particles and Fields Young Scientist Prize.

Florecia Canelli, a CDF physicist, was recently awarded the International Union of Pure and Applied Physics Commission on Particles and Fields Young Scientist Prize.

Canelli, who holds a joint appointment at the Enrico Fermi Institute at the University of Chicago and at Fermilab, was awarded the prize for her "pioneering contribution to the identification and precision measurements of rare phenomenon through the use of advanced analysis techniques to separate very small signals from large background processes at the Tevatron collider."

Every other year, the IUPAP Commission on Particles and Fields honors two early career scientists who have demonstrated excellence in topics in the field, including accelerators,

Fermilab.

The numbers in those documents are this year's starting point; Congress now must agree on the final numbers and pass the energy and water appropriation before our laboratory gets its funding. Let's hope Congress moves expeditiously on our funding bill.

Special Announcement

Thursday's volunteer cleanup rescheduled for Aug. 26

Due to the scheduling conflict with Thursday's all-hands meeting, the volunteer cleanup originally scheduled for this Thursday has been cancelled. The cleanup will take place next Thursday, Aug. 26. Please contact Roads and Grounds at x3303 with any questions.

In the News

The 'dark science' and poker of space telescopes

From *Spaceman*, a *BBC News* blog, Aug. 16, 2010

Pick your dream space mission. That's what a panel of US scientists has done.

The Decadal Survey produced by the National Research Council has listed what it believes the big priorities should be in the coming 10 years for American astronomical and astrophysical research.

The document is based on wide consultation within the scientific community, and it puts a concept known as WFIRST at the top of the pile.

[Read more](#)

Safety Update

ES&H weekly report, Aug. 18

This week's safety report, compiled by the Fermilab ES&H section, includes four incidents. Two incidents only required first aid. The other two incidents were recordable cases. Find the full report [here](#).

[Safety report archive](#)

Announcements

[Chez Leon Menu](#)

Call x3524 to make your reservation.

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

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detectors and techniques used in related scientific investigations.

CDF co-spokesperson Rob Roser commented that this early career award is appropriate for Canelli.

"Her physics analysis efforts in both searches and precision measurements have had a large impact on the success of the Tevatron program," Roser said. "She took advanced analysis techniques and applied them to a number of different analyses. The analysis techniques take into account more information in a collision than we had previously used, so each collision is worth more."

Canelli accepted the award at the International Conference on High Energy Physics, which took place in Paris last month. She also presented on her work at the conference.

"I am very honored to be recognized by IUPAP," Canelli said. "I have been fortunate to work with a large group of outstanding scientists both on CDF and DZero. I would like to thank all of my students, mentors and advisors as well as the postdocs and colleagues for their scientific contributions, advice and friendship."

-- *Rhianna Wisniewski*

[Toastmasters - Aug. 19](#)[Fermilab blood drive Aug. 30 and 31 \(walk in only\)](#)[H1N1 Temporary Sick Leave policy removed](#)[Argentine Tango, Wednesdays through Aug. 25](#)[Bristol Renaissance Faire discount](#)[Aug. 20 deadline for The University of Chicago Tuition Remission Program](#)[Applications for URA Visiting Scholars Awards due Aug. 20](#)[Regal Movie Theater discount tickets available](#)[What's New with NI and the latest version of LabVIEW \(NI Week highlights\)? - Aug. 19](#)[Fermilab Blood Drive Aug. 30 and 31 \(Walk in only\)](#)[Gizmo Guys - Fermilab Arts Series - Sept. 25](#)[Submit an announcement](#)