

Calendar

[Have a safe day!](#)

Wednesday, Aug. 4
3:30 p.m.
DIRECTOR'S COFFEE BREAK - 2nd
Flr X-Over
THERE WILL BE NO FERMILAB
COLLOQUIUM THIS WEEK

Thursday, Aug. 5
2:30 p.m.
[Theoretical Physics Seminar](#) - Curia II
Speaker: Ulrich Nierste, Universität
Karlsruhe

Title: B_s Mixing: Gate to New Physics?
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](#)

Campaigns

[Take Five](#)

[Tune IT Up](#)

H1N1 Flu

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

Weather

 Chance of showers
85°/68°

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

Current Security Status

Feature

In Memoriam: Jim Griffin

Retired Fermilab employee
James "Jim" Griffin, a Fermilab
pioneer who helped to design
and commission more than 18
of the laboratory's key radio
frequency systems, died July
17. He was 84.



Jim Griffin

Griffin joined the National
Accelerator Laboratory, as
Fermilab was then called, in
1969 just as the facility was under construction. During
the next 19 years, Griffin was intimately involved in many
of the laboratory's milestones.

John Peoples, former Fermilab director who shepherded
the Antiproton Source to completion, said that Griffin was
one of the Antiproton Source, or Pbar, heroes.

"In the late 1970s, we weren't sure of the right
technology for the Pbar," Peoples said. "Jim's ideas for
magically shaping the proton beams with the RF
techniques he knew so well guided us to the two-ring
Antiproton Source that we chose in 1982. His ideas are
the core of today's Antiproton Source RF systems."

Peoples credits Griffin for coming up with imaginative
ways of using bunch coalescing, bunching and
debunching. Along the way he invented barrier buckets,
which are used in many stages of antiproton cooling.

"Jim was very skilled at turning his ideas into systems
that he could build," Peoples said. "These techniques
made the Tevatron luminosity exceed our expectations."

Griffin applied the conscientiousness and patience he
showed in his work to the rest of his life.

"There is no question that I greatly admired him," said
colleague Jim Maclachlan. "He was one of the most
decent people that I have ever met, and he was always
generous with his time."

Griffin was a fellow in the American Physical Society
Division of Particles and Fields and a member of Sigma
Xi, The Scientific Research Society. Griffin and his wife,
Marilyn, also began the laboratory's International Folk
Dancing club.

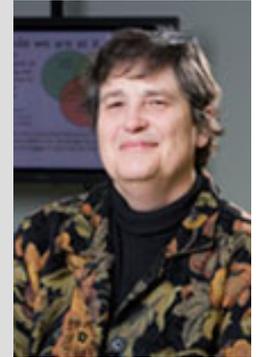
"Griffin was wonderful to work with," Peoples said. "He
carried himself quietly, but his ideas spoke very clearly. I
find it a joy to think back almost 30 years to when we
were building the Pbar Source and the elation we all had

From the Computing Division

Software collaborations help physics

*Ruth Pordes, associate head of Fermilab's
Computing Division, wrote this week's column.*

Most of Fermilab's scientific
software development activities
involve broad, and even multi-
disciplinary, collaborations
across many Department of
Energy laboratories and
universities.



Ruth Pordes

Two recent events highlight
these collaborations: the DOE's
Scientific Discovery through
Advanced Computing 2010
annual meeting and the
contributions of the Open Science Grid to the Tevatron's
Run II and the LHC's results. Both of these were recently
discussed at the International Conference on High
Energy Physics.

At SciDAC 2010, a panel of industry experts selected the
Community Petascale Project for Accelerator Science
and Simulation, led by Panagiotis Spentzouris, as a 2010
SciDAC breakthrough. The panel chair said COMPASS
carved a "...rightful new place for accelerator modeling on
the high performance and exascale computing challenge
map."

The breadth of the science presented at these
conferences continues to amaze me. Some of the topics
hit close to home, including: lattice quantum chromo
dynamics, accelerator modeling and the unique
computing challenges the scientists working on the LHC
are solving.

Achieving these results requires partnerships between
Fermilab physicists, physicists from multiple laboratories
and computer science groups that help scientists with
performance analysis and tuning, workflow and other
software methodologies.

Fermilab users, the Computing Division and the CMS
Center are major partners in the Open Science Grid - a
very broad community including physics collaborations,
other sciences and distributed computing computer
science groups.

It is gratifying to see how this culture of sharing has
enabled DZero to gradually increase their event
simulation scale by using more and more remote sites.

[Secon Level 3](#)[Wilson Hall Cafe](#)

Wednesday, Aug. 4

- Breakfast: English muffin sandwich
- Chicken noodle soup
- Steak sandwich
- Maple dijon salmon
- Mongolian beef
- California club
- Assorted sliced pizza
- Chicken pesto pasta

[Wilson Hall Cafe Menu](#)[Chez Leon](#)

Wednesday, Aug. 4

Lunch

- Spinach salad w/grilled shrimp
- Lemon-buttermilk panna cotta w/ blueberry sauce

Thursday, Aug. 5

Dinner

- Caesar salad
- Lobster tail w/lemon butter
- Grilled asparagus
- New potatoes
- Strawberry shortcake

[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](#)

when it worked."

Griffin is survived by Marilyn, their five children and eight grandchildren.

-- *Rhianna Wisniewski*

Jim Griffin (second from right) celebrates with colleagues on March 1, 1972, after they accelerated a 200 GeV beam around the Main Ring for the first time. Griffin was integral to the success of that project.

[Photo of the Day](#)[Seeking shade](#)

Weingang Geng took this photo of great egrets and a great blue heron sitting in a tree near Wilson Hall in the early afternoon of July 28.

[In the News](#)[Rumors in astrophysics spread at light speed](#)From the *New York Times*, Aug. 2, 2010

Dimitar Sasselov, an astrophysicist at the Harvard-Smithsonian Center for Astrophysics, lit up the Internet last month with a statement that would stir the soul of anyone who ever dreamed of finding life or another home in the stars.

Brandishing data from NASA's Kepler planet-finding satellite, during a talk at TED Global 2010 in Oxford on July 16, Dr. Sasselov said the mission had discovered 140 Earthlike planets in a small patch of sky in the constellation Cygnus that Kepler has been surveying for the last year and a half.

CDF has similarly benefited. They can add sites using the software system developed by the high-energy physics, internet technology and computer science communities.

OSG also allows the U.S. ATLAS and U.S. CMS collaborations to make significant contributions in data distribution and processing. The computing and software services provided in the U.S. have withstood well the increased workloads seen in preparation for conferences such as ICHEP.

It is exciting to see how CD computing collaborations, especially with our partner DOE laboratories and the university Fermilab users, continue to foster and stimulate a "whole larger than the parts" in many areas of software and computing – contributing to the science results reported!

[Safety Update](#)[ES&H weekly report, Aug. 3](#)

This week's safety report, compiled by the Fermilab ES&H section, includes four incidents. Two incidents resulted in injuries, including one DART case. No injuries were reported in the other two incidents, which resulted when drivers were backing up their vehicles. Find the full report [here](#).

[Safety report archive](#)[Announcements](#)[Latest Announcements](#)[Lunch & Learn about the power of preventative health care](#)[ASK HR: The Office for Professional Development at FCC - Aug. 4](#)[Argentine Tango, Wednesdays, Aug. 4-25](#)[Aug. 20 deadline for The University of Chicago Tuition Remission Program](#)[Applications for URA Visiting Scholars Awards due Aug. 20](#)[Martial arts classes begin Aug. 9](#)[Regal movie theater discount tickets available](#)[NIM and Physics Reports now completely online at Fermilab](#)[Toastmasters - Aug. 5](#)

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"The next step after Kepler will be to study the atmospheres of the planets and see if we can find any signs of life," he said.

Last week, Dr. Sassellov was busy eating his words. In a series of messages posted on the Kepler Web site Dr. Sassellov acknowledged that should have said "Earth-sized," meaning a rocky body less than three times the diameter of our own planet, rather than "Earthlike," with its connotations of oxygenated vistas of blue and green. He was speaking in geophysics jargon, he explained.

[Read more](#)

[Grounding and Shielding of Electronic Systems course - Aug. 12 and 13](#)

[Free piano concert featuring Sandor Feher, Ramsey Auditorium at noon on Aug. 12](#)

[What's New with NI and the latest version of LabVIEW \(NI Week highlights\)? - Aug. 19](#)

[Gizmo Guys - Fermilab Arts Series - Sept. 25](#)

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