

# F E R M I N E W S

F E R M I L A B

A U. S. D E P A R T M E N T O F E N E R G Y L A B O R A T O R Y



## SPECIAL EDITION *FermiNews* *The Newsletter of the Fermi National Accelerator Laboratory*

IS IT THE TOP QUARK? YES!!!

Physicists at Fermilab today announced the discovery of a subatomic particle known as the top quark. The last undiscovered quark of the six predicted to exist by current scientific theory. Scientists worldwide had sought the top quark since the discovery of the bottom quark at Fermilab in 1977.

Two research papers, submitted simultaneously on Friday, February 24, to *Physical Review Letters* by the CDF and DZero experiments collaboration, respectively, describe the observation of top quarks produced in high-energy collisions between protons and antiprotons at Fermilab's Tevatron, the world's highest-energy particle accelerator. The collaborations, each with about 400 members, will present their results at seminars held at Fermilab today.

"Last April, CDF announced the first direct experimental evidence for the top quark," said WILLIAM CAROTHERS, Jr., spokesperson for the CDF experiment. "But at that time



An artist's representation of a particle collision, a proton and antiproton collide at nearly the speed of light.

### Events of the Day

Thursday, March 2, 1995 • Volume 18, Number 4

CDF Seminar ..... 1:30 p.m., Batavia Auditorium

DZero Seminar ..... 2:00 p.m., Batavia Auditorium

Media Opportunity, press reported ..... 4:00 p.m., 1 West Conference Room  
The CDF & DZero papers, the top quark mass value and background information is available on WWW on the Fermilab home page. The URL is <http://www.fnal.gov/>. Paper copies of the papers can be obtained from the Publications Office, WH1030.



## *FermiNews*

What Is  
Electroweak  
Symmetry  
Breaking,  
Anyway?



Volume 27

June 2004

Number 6



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# No End In Sight

by Elizabeth Clements

**F**rom the first issue of *FERMINNEWS* in 1978, to the electronic publication of *Fermilab Today*, newsgathering at Fermilab has undergone continual transition. The fall debut of the new magazine *SYMMETRY* will continue that process and significantly extend its reach.

The first issue of *FERMINNEWS* hit the stands on May 11, 1978 with the announcement: "The 'VILLAGE CRIER,' Fermilab's employee's newsletter for nine years is now history. This is Volume 1, issue number 1, of the Crier's successor, '*FERMINNEWS*.'

In 26 years, the news at Fermilab has really not changed all that much.

One article in Issue No. 1 announces that new energy-saving panels are being tested on the fifth floor of Wilson Hall (then called the Central Laboratory). Another invites employees to a New England-Style Dance on May 13. Fermilab physicist Marvin E. Johnson has been elected president of the Amoco Research Center chapter of Sigma Xi. Fermilab plans to delay Arbor Day activities until May 23, to maximize employee participation. A prairie burn was held inside the main ring on April 14, and the Fermilab International Film Society presents "*The Battle of Algiers*" at 8:00 p.m. on Friday in the auditorium. Sound familiar? Even the phone number for the



From the first issue of *FERMINNEWS* (top) in 1978, to the electronic publication of *Fermilab Today*, newsgathering at Fermilab has undergone continual transition.

## ON THE WEB:

**Fermilab Today:**  
[www.fnal.gov/today](http://www.fnal.gov/today)



Fermilab photo

Pat Turkot (left) and Al Benson of the Fermilab Public Information Office compile the first issue of *FERMINNEWS* in 1978.

# **Fermilab Today** INTRODUCED DAILY E-NEWS, and **SYMMETRY** will EXTEND our REACH.

Office of Public Affairs, listed in the issue as Ext. 3351, hasn't changed in the past 26 years.

Even in 1978, meetings were interrupted by electronic gadgetry. An announcement states: "Holders of Fermilab pagers are requested to turn off or turn down pagers when attending large group meetings. The pager's beep and broadcast disrupts even the most organized speaker's presentation." Some things never change.

This first issue uses the metaphor of the phoenix to introduce a new publication: "Like the legendary phoenix, a mythological bird that lived for 500 years, cremated itself and rose again from its own ashes, *FERMINews* will carry on where the Crier left off."

In 1969, the *VILLAGE CRIER* made its debut as the main vehicle of employee communication at the laboratory. For nine years, the Fermilab Public Information Office published the weekly newsletter, and employees grew accustomed to it. Not surprisingly, some didn't want to see it go.

"We were no longer just a village. The laboratory was now functioning and operating. It was time to modernize," said Chuck Marofske, head of the Laboratory Services Section from the first day it was established until he retired in 1998.

"In general, *FERMINews* was received positively by the lab," he said. "There were certainly some who felt that they didn't want to give up the old. But on the whole, at that time, we were all very excited about moving ahead. *FERMINews* was just one additional piece of evidence that we were really becoming a good thing."

As an employee of 30 years with badge number 54, Marofske witnessed an evolution in communicating at Fermilab. "In the early days, *FERMINews* was more of a little hometown newspaper for the lab," he said. "It made different groups at the lab aware of what was happening at the lab. As time progressed, *FERMINews* became more of an opportunity to make other people aware in the Fermilab community and in the scientific community about what was going on at the lab. My expectation is that communicating to a larger network is in part the goal with this new publication."



Photo by Reidar Hahn

A few members of the Symmetry editorial team (left to right): Neil Calder (SLAC) , Elizabeth Clements (FNAL), Mike Perricone (FNAL), David Harris (Fermilab and SLAC), and Judy Jackson (FNAL). Not pictured: Kurt Riessellmann (FNAL).

The new publication, *SYMMETRY*, is not exactly rising from the ashes of *FERMINews*. More accurately, *FERMINews* is branching off into two new directions.

On July 21, 2003, the Office of Public Affairs launched *Fermilab Today*, a daily online publication for employees and users. With two to three news features per issue, weekly Director's Corners, Safety Tips and Results of the Week, *Fermilab Today* has become a staple of communication at Fermilab. In many ways, *Fermilab Today* will carry on for *FERMINews* in a different medium.

The new publication, with the working title *SYMMETRY*, is scheduled to begin publication in the fall as a joint effort of Fermilab and Stanford Linear Accelerator Center. The unique collaboration hopes to produce a magazine that will be viewed as something new in the world of science communication. While *Fermilab Today* is carrying on reporting the news and events at Fermilab, *SYMMETRY* hopes to introduce a communication style to keep pace with the coming revolution in particle physics—becoming a newsmaker in its own right. ☀

# Fermilab's Greatest Hits [1978-2004]



A hit and a miss: in 1987, *FERMINews* reported support in Washington for the SSC; in 1993, the news was John Peoples' appointment to terminate the SSC.

## ON THE WEB:

**FERMINews Archive:**  
[www.fnal.gov/pub/ferminews/](http://www.fnal.gov/pub/ferminews/)

by Mike Perricone

**F**ermilab has a history of making history, and *FERMINews* has been there to tell the story since 1978. Whether in discovery—the top quark announcement in 1995—or disappointment—losing out on the Superconducting Super Collider in 1988—*FERMINews* has brought its readers a record of events with steadily growing renown for its standards of writing and reporting.

But there would be no news without the science, and no history without the work of the thousands of researchers who have made the lab the world's focus in particle physics for the 26 years of *FERMINews*'s run. Here are many of the lab's greatest hits chronicled in these pages since 1978:

- Leon Lederman appointed director—October 19, 1978
- Commissioning of Doubler (Tevatron)—July 5, 1983
- Groundbreaking for Antiproton Source—August 16, 1983
- Doubler (Tevatron) hits 800 GeV—February 16, 1984
- First 1.6 TeV Proton-Antiproton Collisions at CDF—October 13, 1985
- Leon Lederman wins Nobel Prize—October 19, 1988
- John Peoples appointed director—April 19, 1989
- Norman F. Ramsey wins Nobel Prize—October 12, 1989
- First website established—June, 1992 (ties for 2nd in U.S. with MIT, behind No. 1 SLAC)
- John Peoples named to direct SSC shutdown—November 12, 1993
- Discovery of Top Quark announced—March 2, 1995
- Signing of \$531 million LHC agreement—December 8, 1997
- First light of SDSS—May 9, 1998
- Michael Witherell appointed director—March 5, 1999
- KTeV announces new result for  $\epsilon'/\epsilon$ —March 19, 1999
- Commissioning of Main Injector—April 28, 1999
- Discovery of tau neutrino—July 20, 2000
- Death of Robert Rathbun Wilson—January 16, 2001
- Collider Run II begins—March 1, 2001
- First cosmic ray events at Pierre Auger Observatory—June 8, 2001
- KTeV announces new result for  $\sin^2 \theta_W$ —October 26, 2001
- First MiniBooNE events—September 12, 2002
- First MINOS data—August 14, 2003
- CDMS sets most sensitive dark matter limits—May 3, 2004
- First Fermilab magnet shipped to LHC—May 11, 2004

## *What's next? The stories of the next few years:*

### Neutrinos

- MiniBooNE: fourth neutrino, yes or no
- MINOS: precision neutrino mass measurements
- First evidence of CP violation in neutrino sector

### B physics

- First observation of  $B_s$  mixing at Tevatron
- BTeV measurement of  $\gamma$

### Top

- Precision measurements at Tevatron
- Single top production at Tevatron

### Dark matter

- CDMS discovery or further best limits on WIMPs

### Higgs search

- New Tevatron limits, both from direct searches and indirect (precision top and  $M_W$  measurements)

### SUSY

- Extending the search reach for supersymmetry particles

### LHC

- First LHC data analyzed at Fermilab

### Linear Collider

- LC technology selection
- Decision on building

### Astrophysics

- Pierre Auger: decision on excess of ultra high energy cosmic rays
- Completion of Sloan Digital Sky Survey

# *Discovery of the Top Quark: The Building of the Dream*



Tevatron construction, 1982



Aerial of the site, 1978



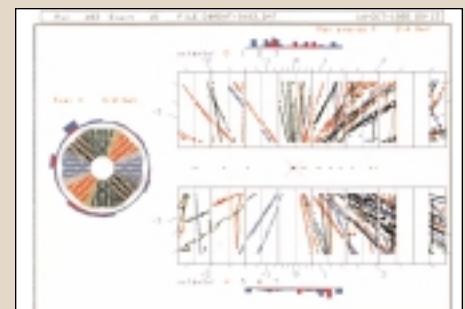
Antiproton Source construction, 1983



Delivering the CDF endcap, 1984



Dedication of the Tevatron, 1985



First P-Pbar event at CDF, 1985



DZero construction work, 1987



Top Quark event, 1994



Official announcement of the discovery...



...made headlines around the world, 1995

# 26 Years of Quirks & Quarks



Phil Livdahl (center) stands firmly behind Fermilab "FOUNDER" Robert Wilson (left) and Fermilab "FLOUNDER" Leon Lederman, 1982.

Fermilab photo

## ON THE WEB:

**FERMINews Archive:**  
[www.fnal.gov/pub/ferminews/](http://www.fnal.gov/pub/ferminews/)



by Kurt Riessmann

**F**rom bosons to bowling, from parking lots to prairie harvests, from scintillators to scientists: For more than 25 years, *FERMINews* has covered all aspects of life at Fermilab, the "home where the buffalo roam and the particles collide all day."

Headlines such as "Bushwackers and Jedi take turns beating each other" (Sept. 18, 1980) indicated early on that Fermilab was no ordinary workplace and *FERMINews* was no ordinary newsletter. Whether reporting on sports events or the I-R 100 awards for technological achievements, the publication reported on all types of world-class achievements at the lab, including "Steve Conlon and David Carlson set a new world record in Fermilab's Main Ring Canoe Race." (Sept. 25, 1980).

*FERMINews* has always celebrated and honored the cultural diversity of the users, employees and friends of Fermilab. The Jan. 3, 1980 cover of the newsletter proclaimed "Happy New Year" in more than 20 languages, perhaps in anticipation of the increasingly international distribution of the publication. (This year, 2,100 of the 14,000 copies of each issue were mailed abroad.)

For the *FERMINews* staff, the top story—pun intended—was the first sighting of the top quark (May 6, 1994). *FERMINews* reporters had the pleasure of mingling with science writers from around the world. "Nearly fifty reporters from the United States, Korea, Japan, Germany and Taiwan gathered in Wilson Hall's One West for a press conference held April 26."

In 1995, *FERMINews* became available to a larger audience with its content posted on the Web, first as pdf files, later both as pdf and html versions. The use of large photos and more graphics in the layout began to enhance the visual appeal of the print copy.



From left: Ice cream metaphor for Cold Dark Matter; Alvin "Uncle Sam" Tollestrup; Leon Lederman with an Elvis makeover; SciTech Director Ronen Mir with large house guest; Lederman (kneeling) greets Drasko Jovanovic fresh from an audience with the Pope in Rome; visitor Tom Reiter with 39-inch, 39-pound catfish caught in the creek between Kidney Pond and Swan Lake. The 1996 headline: "And We Thought the Top Quark Was Massive!"

Bylines and credit lines now identified the authors and photographers, and the magazine began to hire science writing interns to produce content for additional pages.

Creativity became a trademark of the evolving publication. From the "All W Edition" (Dec. 12, 1997) to portraying physicist Alvin Tollestrup as Uncle Sam (April 17, 1998) to "Santa at the Speed of Light" (Dec. 11, 1998), *FERMINews* developed its own quirky personality. The Talk of the Lab features regularly poked fun at people and *FERMINews* staff themselves.

One of the most memorable *FERMINews* covers may have been the "Leon-as-Elvis" stamp (July 18, 1997). Like many other great suggestions and fun ideas for the magazine, the stamp design came from Fermilab employees—in this case physicist Rocky Kolb and intern Dawn Donahue. "Not available in post offices," the "commemorative stamp honoring b quark discoverer Leon Lederman's 75th birthday" was unveiled at a gala dinner honoring both quark and Lederman.

The late nineties brought stepped-up reporting on science policy. From science budgets to university profiles to "Painless Physics" stories, *FERMINews* explained the many facets of science while trying to remain personal and provide a glimpse at life at a national laboratory. A completely different layout (Jan. 8, 1999) with a splash of—sometimes daring—colors completed the transition from newsletter to magazine.

*FERMINews* has served food for thought in many different ways. The Dec. 17, 1999 issue had readers guess the names of 42 Nobel Prize-winning particle physicists whose portraits made up the cover. The related story gave background information on the 1999 Nobel Prize, awarded to Gerardus 't Hooft and Martinus Veltman for "elucidating the quantum structure of electroweak interactions in physics."

A few years later, *FERMINews* initiated a dialogue within the particle physics community by introducing the series "Communicating Particle Physics in the 21st Century" (March 29, 2002). Many scientists and readers used the opportunity for a debate on how to explain to the public the revolutionary particle physics opportunities ahead of them.

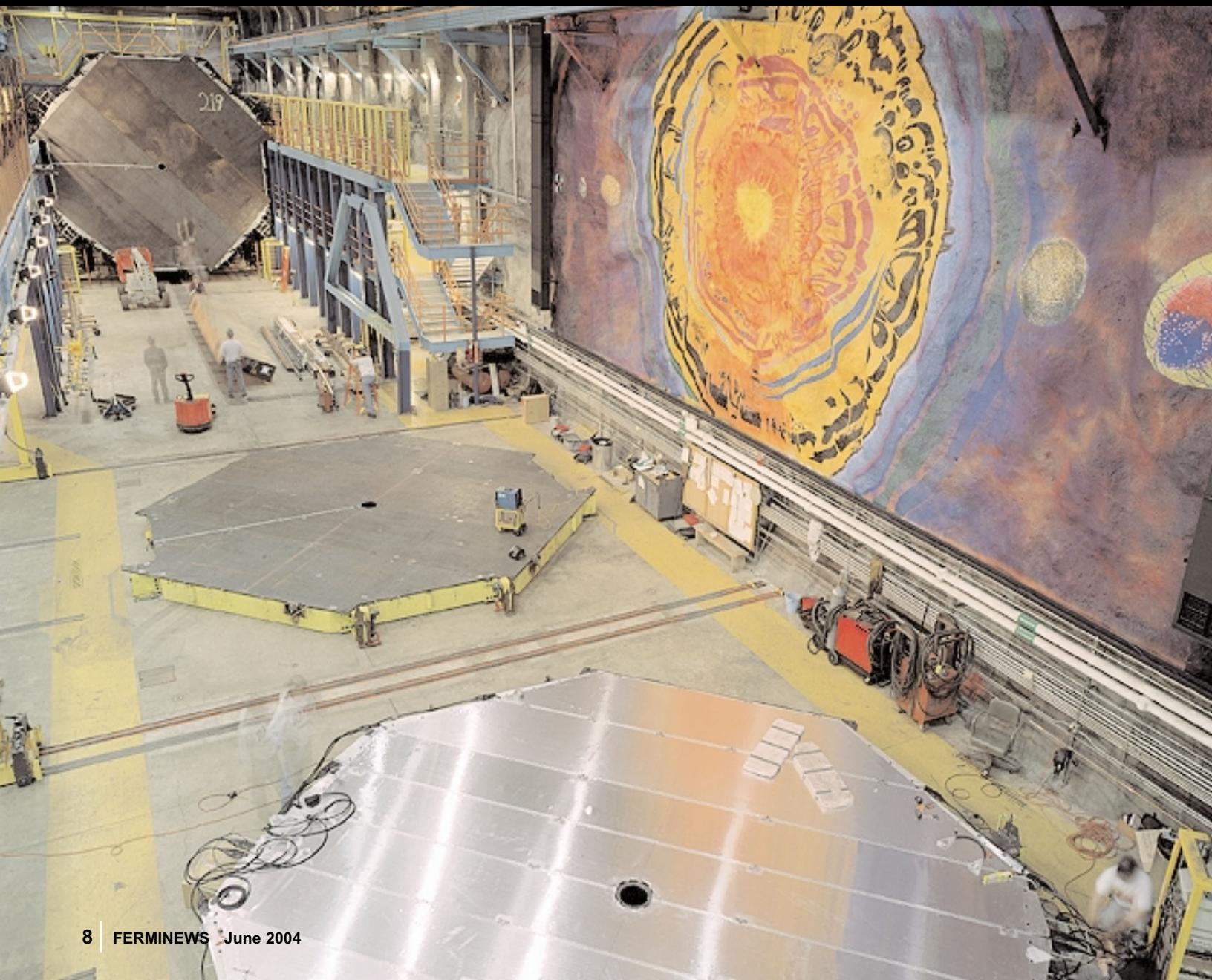
The *FERMINews* staff welcomed articles and comments from readers. It was an honor to receive a letter from Jared L. Cohon, President of Carnegie Mellon University (Aug. 4, 2000), who responded to a typo in a story on physics students and universities. He explained the difference between a "Melon" and a "Mellon," informing us that "a Carnegie Melon is a hypothetical menu item that I've not yet been able to convince a local club to adopt."

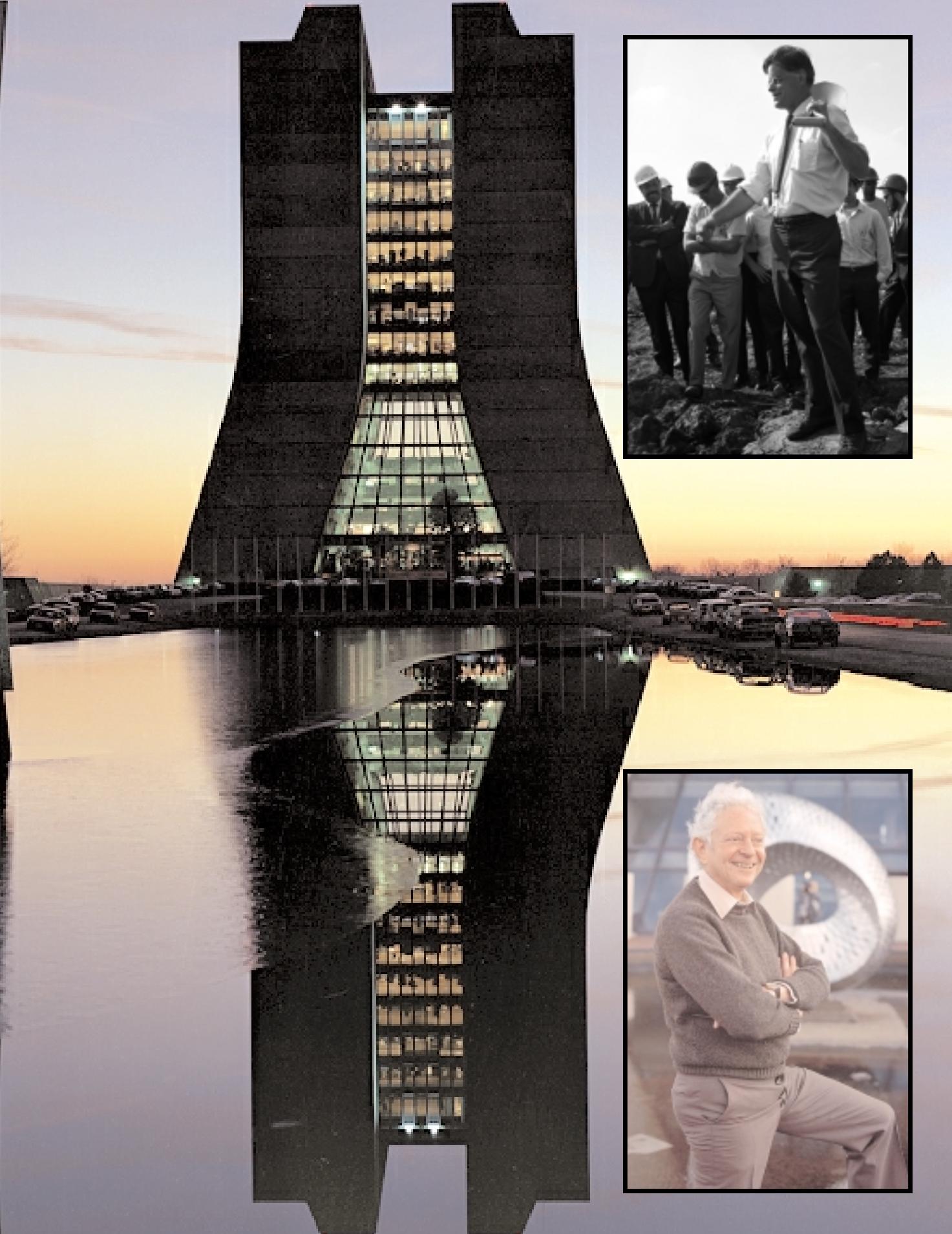
The most moving letter may have come from Suhail Yusuf, Karachi, Pakistan, who sent a "Hello and Assalamu Alaikum" (Nov. 23, 2001). Inspired by the *FERMINews* obituary on Father Tim Toohig, physicist and Jesuit priest (Oct. 19, 2001), Yusuf referred to Toohig as "the man of Science and Spirituality" and wrote, "I pray to Allah for your success and all the members of Fermilab."

After 26 years, it is hard to say good-bye to *FERMINews*. But rest assured: the staff of *FERMINews* and our colleagues at SLAC promise that the new joint publication will have as many quirks and quarks. ☀

# The View From a Lens: Photographers Pick Their Favorites

These photos selected by the current photographers of *FERMINEWS* represent the key moments and experiences captured during the 26-year history of the publication. The images provide evidence of the rich photographic opportunities encountered by 12 different photographers, including capturing the environmental beauty of the site and recognizing the graceful form of scientific equipment. The images also represent the unique and exciting human interaction that takes place while doing this work. In simpler terms, many of the photos depict the fun we have had carrying out basic research at the science frontier.









## The View From a Lens: Photographers Pick Their Favorites





Fermilab photo

Rene Donaldson, former editor of *FERMINEWS* and later editor of SLAC's *Beam Line*, with original lab photographer Tony Frelo, founding editor Margaret Pearson, and *FERMINEWS* correspondents in 1981. Seated, from left: Peggy Lasenby and Rene Donaldson. Standing, from left: Tony Frelo, Barb Edmondson, Michelle Gleason, Pat Yost, Thornton Murphy, Phyllis Hale, Dick Carrigan, Dennis Theriot, Jean Plesse, Margaret Pearson, Harlan Dick, Bob Tredler, Treva Gourlay, Cynthia Sazama, Brad Cox, Hank Hinterberger, Roy Rubinstein, Elsie Renaud, Jim Finks and Barb Perington.

# Hand-Crafting the News and Launching New Careers

## ON THE WEB:

**FERMINEWS** Archive:  
[www.fnal.gov/pub/ferminews/](http://www.fnal.gov/pub/ferminews/)

by Katie Yurkewicz

**S**even editors, a dozen photographers, and scores of writers have contributed to *FERMINEWS* throughout its 26 years. From modest beginnings, it evolved into a magazine that launched science-writing careers for journalists at National Public Radio, *The Houston Chronicle*, *Astronomy Magazine* and other notable publications.

"I was 21, about to graduate with a journalism degree, and I was only applying to jobs that looked really cool," said Katherine Arnold, *FERMINEWS* intern in 1997 and now news editor at the *Journal of the National Cancer Institute*. "Don Sena [former assistant head of Public Affairs and *FERMINEWS* writer] called me four weeks before graduation to say that I wasn't qualified for the job I'd applied for, but asked if I would consider being an intern. It was an outstanding experience to be surrounded by intelligent people who love what they do."

Sena, now Senior Editor at Microsoft's MSN Web Portal, brought experience as a reporter for the *Washington Post* and the *Chicago Tribune*. He instituted meetings where the editor, writers and photographers brainstormed ideas for the broad range of stories *FERMINEWS* covered, from scientific discoveries and wildlife to visiting dignitaries and lab sports.

"I remember fondly a series of profiles on the university contingents, and another on the surrounding towns," said Sena. "I also remember interviews with Senator Pete Domenici and Congressmen Joe Barton. We actually had a Washington correspondent for a week, which was great."

Expanded news coverage and changes in design also enhanced the impact of photos and illustrations.

"Working with the photographers from Visual Media Services was really a high point," remembered Leila Belkora. "I had never realized how much help in storytelling you could get from the pictures." Belkora, who published *"Minding the Heavens: The Story of Our Discovery of the Milky Way"*

# *“It was an outstanding experience to be surrounded by intelligent people who love what they do.”*

in 2002, developed her interest in the history of science while at the lab from 1995 to 1997.

“I remember going out with Leila to Rock Island, Illinois to photograph the lamination stacking of the dipoles for the Main Injector,” said photographer and VMS manager Fred Ullrich. “We traveled four-and-a-half hours through a blizzard to get several shots and an interview. It was a great time.”

In the early days, the layout, printing and mailing were mostly done by hand. Rick Fenner, former editor of *FERMINews* and current Manager of Scientific Information Services for Argonne’s Advanced Photon Source, remembered paste-ups on paper and getting the first Macintosh computer, when he could only see one-quarter of a page at a time on the screen. Cindy Crego, editor of *FERMINews* in the early 1990s and now deputy head of Lab Services, recalled the “mailing parties.”



Former intern Eric Berger, now a medicine and science writer at the *Houston Chronicle*, conducting a *FERMINews* interview in 1996. “*FERMINews* really helped me practice the art of taking something complicated and esoteric and making it relevant to people. When you’re dealing with fundamental particles of the universe, like the Higgs boson, that’s a real challenge.” Among other former *FERMINews* writers, David Kestenbaum now reports for National Public Radio and Pamela Zerbino has joined *Astronomy Magazine*.



Photos by Reidar Hahn

The 1997 Fermilab Public Affairs Staff (from left): Kathy Johnson, Don Sena, Judy Jackson and Luann O’Boyle. “One of the great challenges and one of the most satisfying things about *FERMINews* in its recent incarnation is the ability to write stories that appeal to people with a very broad range of interests. It has let people connect in a human way to life at a particle accelerator laboratory,” said Jackson, current head of Public Affairs.

“When *FERMINews* came in from the printer, we only had an hour to label and bundle over 3,000 copies,” she said. “Every one in the publications office would pitch in—we would have contests on who could label the most the fastest. We’d always have paper cuts when we were done, but we learned that superglue will close them right up.”

Employees who have contributed to *FERMINews* said they enjoyed working and learning from each other as much as they relished meeting people from all around the laboratory and beyond while on assignment.

“The stories I really enjoyed were about retirees,” recalled Crego. “Jean Slisz and I would interview people as they were leaving, and they would tell wonderful tales of their work here, the experiences that they had and the challenges that they met. It was a nice way to say goodbye to them, and to give them the opportunity to pass down a little bit of lab history.”

As *FERMINews* now retires and all of its tales become part of Fermilab history, its many contributors bid it a fond farewell. ☀

# What's Cooking?

by Judy Jackson

**W**here else could you read about the first observation of the tau neutrino; the flowering of the yellow prairie coneflower; an award for a Vietnamese maestro of physics conferences; and grilled rib lamb chops with basil butter and tomato risotto—all in one issue?

Only in *FERMINews*. The issue with the tau neutrino appeared on August 14, 2000, but you could pick up almost any copy and find a similarly eclectic mix of physics and just about anything else, always including the Chez Léon menu.

March 16, 2001: The Odds of Discovery (What Sigma Means); Safety Officer Martha Heflin; Profile of Northern Illinois University; Tortellini Carbonara, Caesar Salad, Peach Melba.

October 18, 2002: New Computing Division Head; Prehistoric Artifacts on the Fermilab site; Students Visit from Alabama High School; Grilled Vegetable Salad with Goat Cheese, Crab Stuffed Fillet of Sole, Chocolate Soufflé with Frangelico Ice Cream.

June 27, 2003: Run II Status; Michael Turner on Why Accelerators Matter; Physics of a Corked Baseball Bat; Last MINOS Plane Installed; Field Greens, Pears and Parmesan, Pork Tenderloin with Marsala Sauce, Yam Puree, Peach Melba. (Peach Melba again? Didn't we just have that two years ago?)

It was all there in *FERMINews*, plus the classified ads.

For a couple of reasons, *FERMINews* was not your average physics laboratory newsletter. First, it had a diverse audience: not only Fermilab employees, retirees and users but the greater particle physics community, colleagues at other laboratories around the world, people in government, students, particle physics groupies—and our next-door neighbors. Recently, having paid his debt to society, one of *FERMINews*'s readers requested an address change from his previous residence at one of the nation's more well-known correctional institutions. Not everyone believed it was possible to produce one publication for so many different readers, but *FERMINews* definitely tried. It was gratifying to walk into a Congressman's office in Washington and see a copy of *FERMINews* on his desk, but perhaps just as gratifying to see it on the coffee table in the dentist's office in Batavia. (It was *really* gratifying to see it in the dentist's office in Geneva, Switzerland.)

From the start, *FERMINews* aimed to give a picture of real life at a particle physics laboratory. Perhaps it was ahead of its time, but *FERMINews* was about reality before reality was cool. That meant that readers were as likely to find a story about the driver of the Fermilab taxi or the coming of spring to the Fermilab prairie as they were about the latest development in superconducting magnet technology or accelerator luminosity records. Stories about accounting systems and profiles of neighboring villages



Chez Léon and chef Tita Jensen recently celebrated 25 years of culinary contributions to the quality of life at the lab.

## ON THE WEB:

Chez Léon:  
<http://lss.fnal.gov/chezleon/>

shared its pages with articles on neutrino physics and science funding. Not that *FERMINNEWS* didn't cover science and science policy. It simply recognized that there's more to life at a physics lab than—uh—physics.

In fact, *FERMINNEWS* was always as much about people as physics. A lot of the people in it were doing physics, or thinking about physics, or thinking about funding for physics, or teaching physics, or making physics experiments work. But plenty of others were harvesting prairie seeds or balancing books or shoveling snow. Or cooking great meals for all of the above. *FERMINNEWS* once ran a story about a reporter's mom. What it came down to is that *FERMINNEWS* was a family publication, from the nuclear (not *that* kind of nuclear) family that is Fermi National Accelerator Laboratory to the extended family of readers around the world and in the neighborhood who care about Fermilab and particle physics.

Which probably explains why readers loved those Chez Léon menus. Everyone knows that the most important question in any family is, "What's for dinner?" ☺

LUNCH SERVED FROM  
11:30 A.M. TO 1 P.M.

\$10/PERSON

DINNER SERVED AT 7 P.M.  
\$23/PERSON

**LUNCH**  
**WEDNESDAY, JUNE 2**  
*Danish Open Sandwiches  
Cucumber and Dill Salad  
Apple Walnut Strudel*

**DINNER**  
**THURSDAY, JUNE 3**  
*Booked*

# Chez Léon MENU

FOR RESERVATIONS, CALL X4512

CAKES FOR SPECIAL OCCASIONS

DIETARY RESTRICTIONS

CONTACT TITA, X3524

[HTTP://WWW.FNAL.GOV/FAW/EVENTS/MENUS.HTML](http://www.fnal.gov/FAW/EVENTS/MENUS.HTML)

**LUNCH**  
**WEDNESDAY, JUNE 9**  
*Pita Pockets with Tuna,  
Bean Caesar Salad  
Pickled Beets and Red Onions  
Yogurt Cake  
with Blueberries and Orange Sauce*

**DINNER**  
**THURSDAY, JUNE 10**  
*Booked*

**LUNCH**  
**WEDNESDAY, JUNE 16**  
*Grilled Lemongrass Chicken  
Vegetables on Rice Noodles  
Cornmeal Cake  
with Cherry Compote*

**DINNER**  
**THURSDAY, JUNE 17**  
*Bacon Wrapped Scallops  
with Maple Cream  
Veal Medallions with Lemon Peel  
Sautéed Spinach with Pine Nuts  
Apricot Tart  
with Honey and Almonds*

**LUNCH**  
**WEDNESDAY, JUNE 23**  
*Coriander Beef  
with Tortillas  
Corn Salsa  
Mango Cheesecake*

**DINNER**  
**THURSDAY, JUNE 24**  
*Fafalle with Gorgonzola  
Grilled Halibut  
with Tomato Caper Sauce  
Steamed Green Beans  
Hazelnut Cake  
with Frangelico Cream Angelis*

# FERMI

*FERMINNEWS* is published by  
Fermilab's Office of Public Affairs.  
Phone: 630-840-3351  
Design and Illustration:  
Performance Graphics  
Photography:  
Fermilab's Visual Media Services  
*FERMINNEWS* Archive at:  
<http://www.fnal.gov/pub/ferminews/>

Fermi National Accelerator Laboratory / Kirk Road and Pine Street / P.O. Box 500 / Batavia, IL 60510  
 Office of Science / U.S. Department of Energy / Managed by Universities Research Association, Inc.

**This is the FINAL ISSUE of *FERMINNEWS*.**

Please send comments to:  
Public Affairs Office, MS 206, Fermilab,  
P.O. Box 500, Batavia, IL 60510,  
or e-mail to [ferminews@fnal.gov](mailto:ferminews@fnal.gov).

Letters from readers are welcome. Please  
include name and daytime phone number.  
And thanks for the memories.

Fermilab is a national laboratory funded  
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Photos by Reidar Hahn

## CLASSIFIEDS

**"Friendship and money: oil and water."**

—Mario Puzo, "The Godfather, Part III"

# Buying a Used Car From a Friend: It's a Long Story

by Mike Perricone

For more than three months (December, 1995 through March, 1996) Bob Flora kept making an offer that everybody seemed able to refuse. Every two weeks, he ran an ad in *FERMINNEWS* offering his red 1990 Mitsubishi Eclipse for sale, at a price ranging from a hopeful high of \$9,513 to a close-shaved low of \$8,651.

The sales campaign wound up as a back-page story in the *FERMINNEWS* issue of March 8, 1996, headlined: "THE LONGEST-RUNNING CLASSIFIED AD." Accompanying the story was a graph displaying price and mileage as a function of time. Apparently, the publicity had its effect.

"There's a nice twist to the story," Flora said

Shortly after the story appeared, Flora sold the car to Brian Chase, a friend who worked a few doors down the hall in the Transfer Gallery. Flora admitted to "bringing the price down a little," but a used-car transaction can be a fast way to end a friendship. So what happened next?

"Bob and I have known and worked together for years," said Chase, "and, yes—we are still friends after the transaction. Bob has helped me out with the Eclipse several times. He is the only guy that I know that has a mechanic's pit built into his garage, and I have always been able to make him feel guilty enough to give me a hand when I needed it. Who says buying a car from a friend is a bad idea?"

Not only are they still friends, but the 1990 Eclipse is still running.

"We now have four drivers in our family," Chase reported. "When I bought it, my three young boys all could fit in the back seat. Now two of them are over six feet tall, so those days are long gone. I still enjoy taking it out for a drive in the country, though. It's been a good car."

Flora knows just what he means.

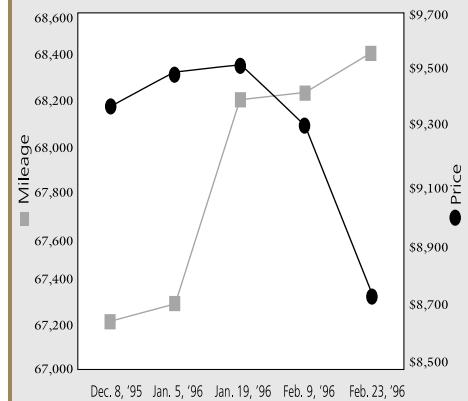
"When I sold that one," Flora said, "I went out and bought another one exactly like it. I'm still driving it." ☀



Photo by Reidar Hahn

Friendship and used cars do mix, as long as you keep the oil changed. Here are Bob Flora (left) and Brian Chase today, with the 1990 Mitsubishi Eclipse sport coupe that Chase bought from Flora in March, 1996. The car was the subject of the longest-running Classified ad in *FERMINNEWS* history.

PRICE AND MILEAGE AS A FUNCTION OF TIME



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