September 18, 1992 Vol. 15, No. 17

# Ferminews

FERMI NATIONAL ACCELERATOR LABORATORY

## Fermilab receives first alternative fuel vehicle

*In an effort to reduce energy costs, Fermilab took delivery of its first alternative fuel vehicle from the General Services Administration August 31.*

The vehicle, a 3/4 ton Chevrolet 2500 Series pickup truck, runs on compressed natural gas (CNG), a cleaner burning and more efficient fuel than gasoline. Its use will help improve air quality by emitting less hydrocarbons and carbon monoxide and decrease consumption of petroleum imports.

Tony Lindsay, Northern Illinois Gas representative, commended GSA for taking a leading role in marketing these energy-efficient vehicles. "I applaud Fermilab for doing this," said Lindsay. "I am excited for Fermilab, they will reap the benefits."

The truck is the first of six such vehicles Fermilab will receive. Currently, Fermilab's fleet of vehicles runs on unleaded and ethanol blends of gasoline.

CNG costs less than standard transportation fuels and is an abundant energy source. CNG sells for about $0.89 per gallon while gasoline sells for $1.15 a gallon. Unleaded gasoline has a 92 octane level, whereas natural gas has a higher 130 octane rating. This difference significantly increases a CNG-powered vehicle's fuel and maintenance savings.

CNG is also a safer fuel, igniting at 1,200°F, compared to 600°F for gasoline. This high ignition temperature makes accidental ignition or combustion unlikely. The structure of a CNG vehicle also adds to its safety. The tanks used to store the natural gas are made of forged steel or fiberglass-reinforced aluminum one-half to three-quarter inches thick. These cylinders, which are stronger than a gasoline tank, are usually mounted in the trunk of a vehicle or under the frame. When mounted in a trunk, the cylinder actually adds to the structural integrity of the vehicle and helps protect passengers in the event of a rear-end collision.

*George Davidson (l) (BS/Support Services/ Vehicle Maintenance) and Jim Finks (r) (head of BS) accept the keys to the new CNG vehicle from Grant Jahr (GSA).*

In addition, the fuel systems are a "closed loop," which prevents spills or evaporative losses. If a leak did occur in such a vehicle, the natural gas would dissipate into the atmosphere because it is lighter than air.

The Research Division has been assigned the first CNG vehicle and will equip its fleet of vehicles with five other CNG trucks in the near future. The Fleet Utilization Committee will review the performance of the vehicles and track the vehicles' cost savings and overall performance.

Fermilab's In-House Energy Management program will also benefit from the CNG procurement. According to **V. Kumar**, the Laboratory's energy engineer, this will help Fermilab meet the requirements of the presidential executive order on federal energy management. The Executive Order 12759 of April 17, 1991 titled "Federal Energy Management" signed by President Bush sets a goal of 20 percent energy reduction in all federal buildings and facilities. Among the various requirements of this order are minimization of petroleum use in federal facilities and procurement of alternative fueled vehicles.

## inside



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The deadline for the Friday, October 2 issue of *Ferminews* is Wednesday, September 23. Please send your article submissions or ideas to the Publications Office.

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# Timeline a date to remember . . .

## Robert Rathbun Wilson Hall: Building a Monument

*The Illinois prairie, flat for eons, began a skyward metamorphosis in 1972. That was the year the National Accelerator Laboratory's Central Laboratory Building began to rise up from the otherwise flat plains, marking the spot where new scientific frontiers would be explored and changing the continuity of the Midwestern landscape forever.*

Designs for the Central Laboratory Building had been proposed several years earlier by the architectural engineering consortium of DUSAF (Daniel, Urbahn, Seeleye and Fuller) and varied greatly in appearance. One design was nearly triangular; one resembled an old-style Prell shampoo bottle and another looked like an enlarged version of what would become the Proton Pagoda. The fourth design, a truncated cone with a domed atrium, met the physical requirements for laboratory and administrative space but didn't completely duplicate Director Robert Wilson's vision of the Central Laboratory Building as an heir to the Gothic French style of cathedrals that inspired him. Wilson, a physicist and a sculptor, insisted that the Laboratory not only be a place of great scientific accomplishment but that it be a place of great physical beauty as well. While the fourth design won the initial competition, Wilson instead chose a design by Alan Rider, an architect with the firm of Daniel, Mann, Johnson and Mendenhall, as the model for the Central Laboratory Building.

Contractors broke ground for the foundation and ground floor laboratories in early spring of 1971. By late January 1972, 19 technicians from the Accelerator Section's Controls Group had moved into the ground floor of the Central Laboratory Building to continue working on the interface between the accelerators and their associated computers. Walsh Construction Company had completed Phase I of the project—the first stories of the Central Laboratory Building had been poured. While work on building the twin towers continued above their heads, Controls Group technicians labored in the basement to ready the accelerators. Phase II would extend the building upward to its design height of 16 stories, hopefully by mid-1973 when the building was scheduled to be ready for partial occupancy.

In September 1972, the National Accelerator Laboratory welcomed over 800 visitors to the XVI International Conference on High Energy Physics held in the partially complete (Ramsey) Auditorium. Some 400 U.S. high-energy physicists and over 400 physicists from around the world arrived to find the Central Laboratory Building nearly 60 percent complete with 13 of its 16 stories already in place. Interior design of the building accounted for the balance of the work.


*One week before its dedication, the final letters are secured to Robert Rathbun Wilson Hall.*

In early November, the 15th floor of the high-rise was in place, and by December, the 16th floor was in the process of being poured. By February of the new year, plans were being laid for space allotments inside the building. Since the atrium made the building naturally open and airy, the offices would be created the same way, with few obstructions to obscure views of the outside and no permanent walls or corridors.

On April 5, 1973, Corbetta Construction Company hoisted the last bucket of concrete 240 feet above ground to top off the building. Over 27,000 yards of concrete had been used to construct the twin towers. Another 2,000 yards would be needed to build the main entrance and portions of the lower level. Although the structure was complete, mechanical and electrical installations on the upper floors would be completed later under a separate contract.

The opening of the cafeteria in November of 1973 marked the beginning of a social atmosphere for employees, and the May 1974 dedication of the National Accelerator Laboratory after physics pioneer Enrico Fermi gave the Laboratory a new name—the Fermi National Accelerator Laboratory. The Society of American Registered Architects of the Illinois State Council were so taken with the Central Laboratory Building that in 1975 they gave it an award for its "superior achievement and for design and professional excellence."

While Fermilab's monument to science has always been the accelerator, its monument to its builders was the Central Laboratory Building. On September 18, 1980, the driving force behind Fermilab and its unique meld of science and aesthetics received an honor reserved for people with vision enough to undertake such a project. The building imagined and built under the directorship of Bob Wilson took his name and became Robert Rathbun Wilson Hall.—*Brian Charles*

# Venard appointed new head of ORTA

Director **John Peoples** has announced the appointment of **John Venard** as head of the Office of Research and Technology Applications (ORTA) and coordinator for the Fermilab Industrial Affiliates.

John is replacing **Richard (Dick) Carrigan**, who is leaving his post for a one-year assignment to the High Energy Physics Division of Energy Research at the Department of Energy in Washington, D.C. beginning in October.

Dick led the technology transfer effort at the Lab for nearly ten years. During his tenure, he established the Office of Research and Technology Applications, created an intellectual property licensing office and set up the Fermilab Applications Assessment system, a technology appraisal system. Under Dick's guidance that system now has information on more than 680 Fermilab technologies. Dick was responsible for adapting Leon Lederman's concept of an Industrial Affiliates organization to the Fermilab environment. The Fermilab Industrial Affiliates is now one of the oldest and healthiest technology transfer efforts within DOE and often a model for other Laboratories.

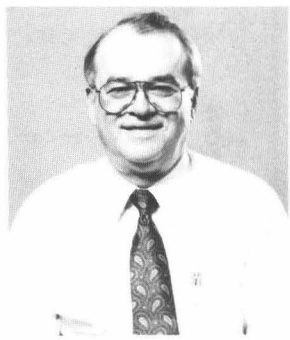
Prior to his role in ORTA, Dick served as the director of Personnel Services and assistant head of the Research Division. He has also been actively involved in the Fermilab research program.

As the new head, John will assume Dick's duties as the Laboratory's patent officer and of facilitating the transfer of technology developed at Fermilab out to wider use.

John had been licensing officer for ORTA since November 1988. In that position, he was responsible for various technology transfer related activities, including the licensing out of patented or copyrighted innovations. Before coming to the Laboratory, John served as the Technology Utilization Representative and also as head of the Technology Transfer Office at Argonne National Laboratory. Prior to his position with Argonne, John was a research metallurgist at Oak Ridge National Laboratory.

John holds an M.S. degree from the University of Tennessee in metallurgical engineering and an M.B.A. from the University of Chicago.

*Dick Carrigan*



*John Venard*

# Americans with Disabilities Act prompts change in Laboratory policies

The recent passage of the Americans with Disabilities Act has prompted Fermilab to make modifications to existing policies and facilities.

The act requires a variety of items, said **David Gassman**, chief legal counsel. Employers must remove physical and communication barriers; provide "reasonable" accommodations, such as special equipment; remove job application questions on illness, injuries and disabilities; remove unrelated physical requirements from job descriptions; and limit medical examination reports to job-related concerns.

According to **Dianne Engram** (LS/EEO), the Laboratory had to make only a few changes in order to comply with the act. "Most of the legislation was not new for the Laboratory due to the fact that Fermilab had been held to very similar regulations through the Rehabilitation Act of 1973," said Dianne. That act required federal contractors to have a policy of non-discrimination in hiring, promotions and general employment features, as well as taking affirmative action to make sure that those who are disabled have the kind of mobility offered to all employees.

Among the policy modifications the Laboratory made are changes to the personnel requisition process and the elimination of pre-offer physicals for potential employees. Future facility modifications include renovation work on several washrooms in Wilson Hall (see story on 6).

The changes made to the personnel requisition process because of the Americans with Disabilities Act require that job postings must now include the essential job functions of a position. An essential job function for some positions might be specifying lifting requirements, specifying the need to operate a special kind of equipment or specifying that the position requires the worker to be ODH certified.

Dianne said Fermilab is doing this with the postings because "the job descriptions as they exist are generic. A Technician I position in the Accelerator Division, for example, might have different essential functions than a Technician I position in the Research Division."

As part of these changes, Dianne said she will be involved in training supervisors in each division and section who are responsible for completing personnel requisitions so they know how to properly write a requisition and know what kinds of requirements need to be included in a job category.

The act also required Fermilab to eliminate pre-offer physicals, Dianne said. "Physicals will no longer be given prior to an offer of employment. This will only affect out-of-state applicants whom we might be inviting for an interview. It had been our practice in some cases to complete the physical while they were in the area, but the new law prohibits this."

Referring to required facility modifications, Dianne added that along with the renovations to washrooms in Wilson Hall,

Continued on page 6

# Prairie Committee seeks volunteers for seed harvest

The Fermilab Prairie Committee will hold its annual seed harvest on four dates in September and October at the Laboratory and at Markham, Illinois. Volunteers are needed to hand gather seeds that will be used to maintain the diversity of plant life in the nearly 800 acres of reconstructed prairie on site. All interested persons are welcome to participate.

Harvesting will take place at the unprotected prairies in the Markham, Illinois area on Saturday, September 26 and Saturday, October 31. A van will leave Wilson Hall at 9 a.m. sharp for those seeking transportation. Harvesters will meet at the McDonald's restaurant on 159th Street, two blocks east of Kedzie Avenue at 10 a.m. From there, the groups will go to the prairies. Lunch may be purchased at McDonald's. Harvesting will continue until 3 p.m.

On Sunday, September 27 and again on Sunday, October 1 harvesting will take place at Fermilab from 9 a.m. until 3 p.m. Follow the signs starting from the intersection of Eola and Batavia Roads. Lunch may be purchased at the Fermilab cafeteria or volunteers may bring their own food. Groups are welcome, but advance notice would be appreciated.

Volunteers are welcome to spend as little or as much time as they wish on the appointed days. No experience is necessary. All harvesters should wear field clothing and gloves and bring pruning shears and paper grocery bags if possible. Coffee and donuts will be provided. For more information call the Fermilab Public Information Office at x3351. In case of bad weather on the scheduled harvest dates, call the Fermilab switchboard to verify harvest plans at x3000.

# Benefit note

## Opportunity to transfer your health insurance

During the open enrollment period, September 14 through September 25, active employees can elect to transfer their medical and dental coverages from one plan to another.

Open enrollment information was mailed to your mail station. Please review it carefully. No changes can be made after September 25 for this fiscal year. For further information, contact the Benefits Office at x3395 or x4361.—*Paula Cashin*

# Gallery features photo display

An exhibit titled *History of Particle Physics 1964-1979* is currently featured in the Fermilab 2nd Floor Art Gallery. The exhibit is a collection of 18 photographs assembled by Rene Donaldson, editor of the SLAC Publications Office and former Fermilab employee.

The photos feature pioneers of the period and representations of the equipment of the times. The photographs were taken at SLAC, Brookhaven, CERN and Fermilab.

The exhibit will be open to the public September 9 and close October 31.

# A note from the Exhibit Committee

Members of the Fermilab Exhibit Committee, which include **Carol Denby**, **Angela Gonzalez**, **Saundra Poces**, **Sue Mills**, **Mizuho Mishina**, and **Nancy Peoples,** are currently exploring the idea of creating a history of Fermilab display. They invite employees, retirees and users to give them ideas regarding photos, drawings and memorabilia for possible inclusion in such an exhibit.

If you have an idea to share, contact Saundra Poces, MS 105, x3211.

# Nalrec news

Don't miss the **September Social Hour** tonight! It will start at 5:15 and rock until 9:15 with D.J. Michael "Angelo" Stinson. Stinson—from Dial a D.J.— will be spinning five decades of platters featuring your favorite songs from the 50s to the 90s. Sharpen up your "name that tune" skills because there will be contests and prizes. Pizza will be served—imported from West Chicago. This will be a great party thanks to George and Mike. See you there!

**Mark your calendars for the following social events:**

The **Octoberfest** will be held on October 16. Read *Ferminews* for more details later.

The Christmas Dinner Dance will be December 18 at the Wilton Manor in Wheaton. Plans are shaping up and it looks to be a great time that you will not want to miss. —*Charlotte Smith*

# AVS offers bus service

The American Vacuum Society will offer bus service to the convention and exhibits to be held November 10-12 at the Chicago Hyatt Regency Hotel.

The buses will depart for Chicago at approximately 8 a.m. and return at approximately 4 p.m. Pickup will be available from Fermilab (Wilson Hall) as well as Argonne and Amoco.

The bus service is intended to be a convenient way to get to the AVS Convention and exhibits without having to battle the traffic and pay parking fees. There is no cost for the bus service.

The buses will be large, air-conditioned, "Trailway" style buses which seat approximately 48 people. Multiple buses will be arranged if enough people sign up for service. Departure, arrival and pickup locations are still changeable depending upon interest.

In order that adequate and convenient service can be provided, please fill in the questionnaire below and FAX the information or call the Midwest Vacuum, Inc. as soon as possible. FAX # 708-323-2142, telephone 708-323-5399.

## AVS Show Bus Questionnaire

To: Midwest Vacuum, Inc.
Attn.: AVS sign up
FAX #: 708-323-2142

Dates: ❑ Tues. ❑ Wed. ❑ Thurs.

Leave for Chicago:
❑ 7 a.m. ❑ 7:30 a.m. ❑ 8 a.m. ❑ 8:30 a.m.

Return from Chicago:
❑ 3 p.m. ❑ 4 p.m. ❑ 4:30 p.m. ❑ 5 p.m. ❑ 6 p.m.
❑ 7 p.m.

Last name: _____ First name: _____

Company/Location for pickup: _____

Telephone: _____

Number of people in party: _____

Comments and suggestions: _____

# Movie schedule announced

The Fermilab International Film Society presents movies from all over the world. Movies are shown at 8 p.m. Fridays in Ramsey Auditorium. The October movie schedule is as follows:

October 9: *Ju Dou*

A tale of lust, murder and revenge set at a dye works in the 1920s rural China. Frenzied emotions are expressed with bold use of color. Zhang Yimou, dir. China-Japan 1990, 93 minutes.

October 23: *Jacob's Ladder*

Screenplay by the author of *Ghost,* this is a creepy, nerve-jangling experience. Life of Vietnam vet merges with recurring dreams of death and entrapment. Adrian Lyne, dir. U.S. 1990, 113 minutes.

# Gym memberships now on sale

Recreation Facility 1993 Gym Memberships are now on sale in the Activities Office, WH15W. Regular membership is $40. Student membership is $20. For more information contact Jean Guyer, Activities Office, x4544. Remember: 1992 memberships expire October 1.

# Gross National Product

...known internationally for its scathing, topical brand of political humor will appear in Ramsey Auditorium, Saturday, September 19 at 8 p.m. Call xARTS for ticket information.

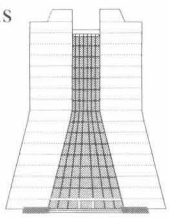
# Harper's index

Tons of trash generated by the Rio Earth Summit in June, per day: 7.

# Quality corner

If you have a suggestion on how to improve the quality, efficiency, reliability or effectiveness of a Laboratory service or operation, please send it to Mark Bodnarczuk, MS 200 or Bitnet Bodnarczuk @FNAL.

# Wilson Hall Mezzanine update



Work is continuing on the Wilson Hall ground floor renovation project that will add a new mezzanine and approximately 6,000 square feet of new office and conference space to the central laboratory building.

Phase I of the project, which included the construction of the new mezzanine and other structural work, is now complete. The remaining work, phases IIa and IIb, will begin later this fall and winter.

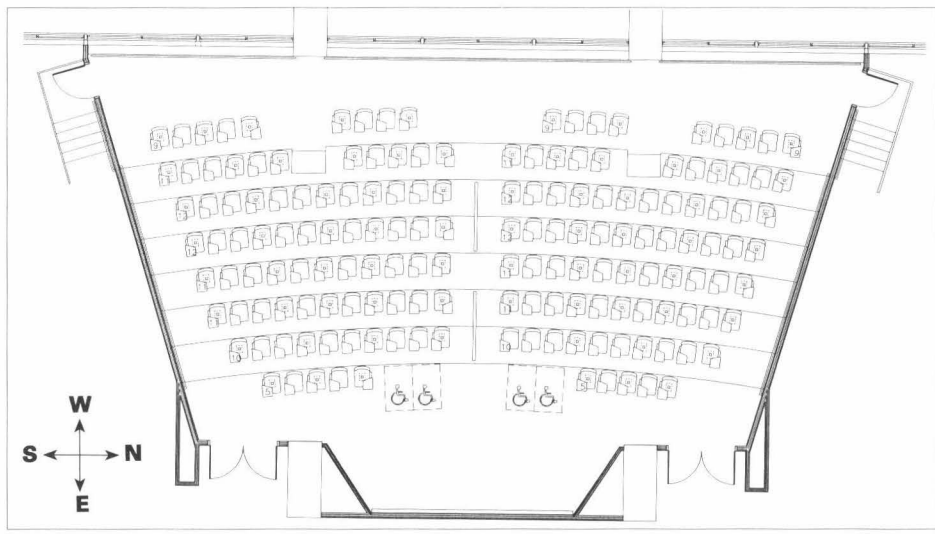
Phase IIa work includes the architectural build-out of the ground floor area. Mechanical work, electrical distribution and lighting will be completed in this phase. Construction is scheduled to begin in October. The area will be ready for beneficial occupancy in January 1993.

Phase IIb work includes the architectural build-out of the upper mezzanine level. Work will begin in January and it will be ready for beneficial occupancy in April 1993.

As construction continues, employees are reminded that the Pine Street overflow parking area is available to handle additional parking needs.

# Construction begun on Wilson Hall 1W Conference Room

Construction began in late August on a renovation project that will expand the Wilson Hall 1W Conference Room.




The conference room will be converted into a 160 seat auditorium with handicapped seating.

The auditorium will have raised platform seating similar to Curia II, with the stage area on the east side and entrances on both the north and south sides of the room.

The new auditorium will be slightly smaller than the area currently marked off by the construction partitions.

According to **Kent Collins**, Wilson Hall building manager, all of the demolition work is finished and construction is on schedule. The project should be completed by early December.

# Washroom modifications to begin

The washrooms near Ramsey Auditorium and on the first and 15th floors of Wilson Hall will be renovated to improve accessibility.

Work on the men's and women's washrooms near the auditorium will include the addition of a new self-contained stall in each washroom and the installation of new vanities. Each new stall will have a lavatory, mirror, toilet and dispensers. The washroom entrance doors will also be reversed to give wheelchair users easier access to the washrooms.

On the first and 15th floors of Wilson Hall, the lounge areas in the women's washrooms will be converted into unisex accessible washrooms with one lavatory, mirror, toilet and dispensers. Entrances to the women's washrooms will change, but existing toilet facilities will remain the same.

According to **John Titus** (FESS/Eng. & Planning), by leaving the existing handicapped stalls in the washrooms and adding the new unisex washrooms, disabled persons will have more options available to them.

The electric water coolers currently located next to the washrooms on each side of the 15th floor and on the east side of the first floor will also be changed to be more accessible to handicapped users.

John said that these changes are part of the process to bring Wilson Hall into compliance with the Americans with Disabilities Act and with the Uniform Federal Accessibility Standards (UFAS). The UFAS is similar to the ADA Accessibility Guidelines, but has some minor variations.

The construction schedule is predicated on final funding arrangements and may start as soon as October, John added. Construction is expected to take 10 weeks.

## ADA continued

Fermilab will be making sure that all extensive renovation and new construction comply with the code. A good example of this, Dianne said, is the interior of the Science Education building and the Feynman Computing building.

"This will be an on-going process," Dianne said of the changes created by the act. "It's not static and we will need to accommodate people based upon their needs and their requests. It has always been our policy to try to do that."

*If you have questions regarding making accommodations or completing the essential job functions category of the personnel requisition, contact Dianne Engram, x4633.*

# Lederman Symposium announced

An international symposium in honor of **Leon M. Lederman** titled *Joy and Imagination: A Legacy to Science* will be held Thursday, September 24 in Wilson Hall's Ramsey Auditorium. The symposium will mark Leon's 70th birthday.

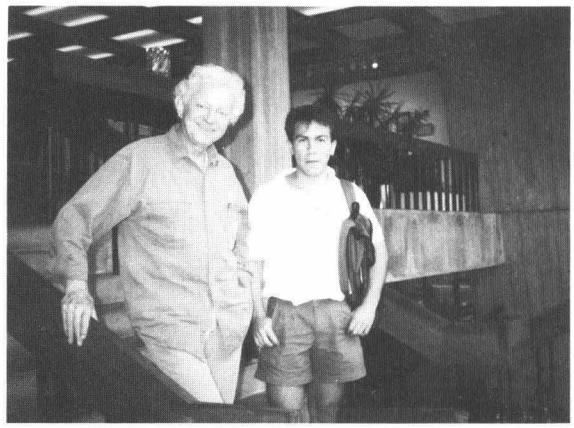
Arrangements for the symposium were made by **Rocky Kolb**, head of the Astrophysics Department. Many distinguished physicists will participate in the scientific program.

Following the opening remarks to be made by Director **John Peoples,** the speakers will include **Val Fitch**, Princeton (*Physics with Mesons*); **Richard Garwin**, IBM (*Parity Violations and the Properties of the Muon: the Revolution of January 1957*); **James Cronin**, Chicago (*Early Results at High Transverse Momentum*); **Michael Shaevitz**, Columbia (*Neutrino Physics*); **R. Keith Ellis**, Fermilab (*Present Status of Lepton Pair Production*); **Jon Rosner**, Chicago (*Physics of the b Quark*); **Paul Grannis**, Stony Brook (*Experiments at Hadron Colliders*); and **James D. Bjorken**, SLAC (*Back to the Future*). Following the presentations, a "Colleagues of the Round Table" discussion will be held. Participants will include John Peoples (*History of OSHA violations at Nevis*), **Bernard Pope**, Michigan State (*Cold Shoulders in the BNL Dimuon Experiment*); **Alvin Tollestrup**, Fermilab (*SAG, PMG and Building the Tevatron*); and **Jess Brewer**, University British Columbia (*muSR, a Lederman Spin off*).

The symposium, which is open to the public, will begin at 12:30 p.m. and end at 6:30 p.m.

# Student receives Leon Lederman Award

**Luis Climaco**, an undergraduate physics student from Mexico, is the first recipient of the Leon M. Lederman Award.



Luis was given the award in a ceremony at the Instituto Politecnico Nacional on June 24 in Mexico City.

He was chosen for the award by its sponsors, the Mexican Association of Physics Teachers, from a group of 11 students. The award was based on high grade point average, English competency and interest in basic science. His award consisted of a summer research job in the Undergraduate Summer Honors Program at Fermilab.

Luis spent his summer at DØ, and has since returned to Mexico to complete his seventh semester in electronics engineering and physics.

Luis said he felt happy receiving the award and enjoyed being at Fermilab for the summer. "It was a great opportunity to be in touch with the top technology. I took full advantage of being here. It was a great experience."

Luis said he would like to come back to Fermilab in the future either as an engineer or a physicist.

The Leon M. Lederman Award will be awarded annually to an outstanding Mexican undergraduate physics student.

*"It was a great opportunity to be in touch with the top technology. I took full advantage of being here. It was a great experience."*
*—Luis Climaco, first recipient of the Leon Lederman Award*

# GIVE IT YOUR ENERGY: CARPOOL TO WORK

With the current construction projects at Wilson Hall and consequent reduced parking, maybe it is time to consider carpooling to work. It would help alleviate parking lot congestion, save you money and help the environment.

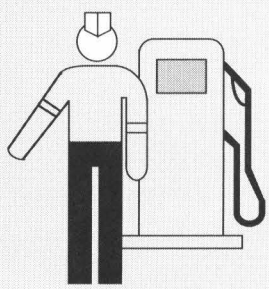
We all know that it makes sense to carpool to work if we are commuting to an urban area such as Chicago, however, did you know that carpooling even 8 miles—from say Naperville to Fermilab—would save about 4,000 auto miles per person every year.

The growing number of cars on the road pose an enormous threat to the environment. Yet there are few alternatives to driving; mass transit is woefully inadequate.

To help you decide if carpooling is right for you, here are some facts from the Earth•Works Group:

- In one year, traffic congestion alone wasted 3 billion gallons of gasoline—about 5% of the nation's annual gas consumption.
- One-third of all private auto mileage is racked up commuting to and from work.
- The average commuter car carries 1.3 riders. If each commuter car carried just one more person, we'd save 600,000 gallons of gasoline a day and would prevent 12 million pounds of carbon dioxide from polluting the atmosphere.

If carpooling makes sense to you, you can advertise ride-sharing on the free-speech bulletin board next to the Credit Union or in *Ferminews*.



*Note: At this writing there were no available statistics that linked riding to work with your "significant other" to the increasing U.S. divorce rate.*

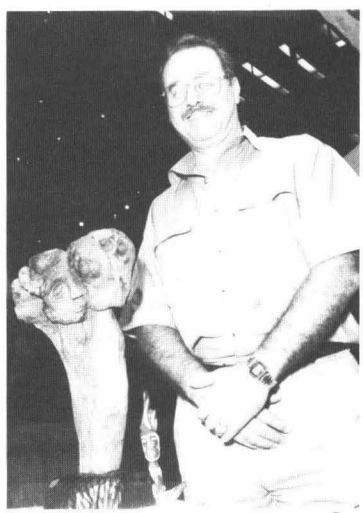
# Arts & Crafts Show a success

This year's Arts & Crafts Show was once again a success as 28 employees or members of their immediate families participated.

Items on display throughout the month of August ranged from quilts, to color photographs, to wooden furniture and musical instruments.

Carl Lindenmeyer

Participants and their exhibits included: **Carmino Andreuzzi**, metal and ceramic sculptures, charcoal drawings and acrylic paintings; **Gerry Cload**, needlepoint; **Patrick Colestock**, wood music stand and hammer dulcimer; **Barbara Danner**, mixed media statutes; **Steve Delchamps**, watercolor and pencil paintings; **Carol Denby**, fired-clay sculptures; **Albert Dyer**, photographs; **Alex Elwyn**, photographs; **Alicia J. Filak**, color photographs; **Elynor Gering**, quilted wall hangings and quilts; **Olivia Gonzales**, chromogenic development prints; **Mia Holt**, calligraphy; **Hank Ji**, photographs; **Todd Johnson**, reflection hologram and photographs; **Brenda Kirk**, silverware and silver jewelry; **Pern Krider**, oil paintings; **Carl Lindenmeyer**, wooden furniture; **Richard Meaderdes**, charcoal and mixed-media drawings; **Mizuho Mishina**, textile paintings; **Nancy Peoples**, acrylic paintings; **Saundra Poces**, clay urn; **John Satti**, driftwood sculptures; **Martin Schub**, photographs; **Mary Lynn Skirvin**, pen and ink and mixed-media drawings; **Kathy Slimmer**, oil paintings; **Dorothy VanLeesten**, watercolor paintings; **Karl Williams**, watercolor and acrylic paintings; and **George Wyatt**, photographs.



John Satti

One participant, **Alicia Filak**, (DO/Internal Audit) who has been an amateur photographer since high school, said she enjoyed displaying her color photographs at the exhibit. Although this was Alicia's first show, she said she felt this was "a good opportunity for artists to display their work on a formal basis."

**Carl Lindenmeyer** (RD/Mechanical) submitted a wooden shaker table and chest of drawers to the exhibit. Carl has been making furniture for most of his life, he said, and decided to display his work for the first time this year at the Arts & Crafts Show. Carl added he has seen many of the Arts & Crafts Shows over the years. "I remember when the shows were in the Atrium," Carl said. "I like them."

The Fermilab Arts & Crafts Show was started by NALREC in the late 60s. The first show was held April 16-17, 1969 in the Village in the old cafeteria, which is now the Users Center. The show was eventually moved into the Atrium in Wilson Hall and when the Directorate assumed responsibility for the show in 1976, it eventually moved to the 2nd Floor Art Gallery.

# Classified Ads

## Miscellaneous

Older upright piano, fair condition, sounds good, $200 obo. Call Dan at x3916 or FNAL::KAPLAN

Baldwin acrosonic piano, great sound, $1500 obo. Call 708-513-5102 evenings.

Objectivist/Ayn Rand study group now forming in west suburbs near the Lab. For info contact Cathy at x8717, 708-665-6073 or FNALD::CRETSINGER.

Riding lawn mower, 8 horsepower with bagger, $400. Call Pat at x8030.

Dining room table with 4 chairs. Dark wood with a beautiful top finish. Seats 12 with 2 leaves. Asking $125. Call 708-978-1627.

Pentax 8x42 DCF Roof Prism binoculars. Soft case, neck strap, box, papers. As new $175. Call Dick at x3180.

Household items for sale. VHS VCR, $130; remote color TV, $70; stereo receiver, $60; speakers, $55; washer and gas dryer, $60 each. Call Ian at x2561 or Jane at 708-879-0559.

Microsoft Works with Microsoft mouse for DOS and OS/2 systems - Version Work 2.00 new in unopened package, $100. Call John Satti at x3088 or 369-3210 evenings.

## Real estate

3 BR house in Batavia available for rent Oct. 1. Large living/dining room, front porch, full attic, full basement and a small yard. Four miles from Wilson Hall. Please call Ian (current tenant) at x2561 or FNAL::IANM or Gary Larson (owner) 708-879-8833.

Nice family house in Aurora, 522 Fourth Ave. 3 BR, large living room and dining room. Maintenance-free exterior and 2-car garage. Asking $64,900. Call Gerri at 708-556-3347.

Room for rent: Bedroom with private bathroom and telephone jack in new townhouse in Batavia. Rent is $355/month, includes utilities plus use of washer/dryer. Only 10-15 minutes from Lab. Call x3281.

## Vehicles

1982 Toyota Corolla station wagon, 72k miles, 5-speed, AM/FM, $1700. Call Kevin Barson at x2893 or 708-717-1587.



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