

The Village Flier



fermi national accelerator laboratory

Operated by Universities Research Association Inc.
Under Contract with the United States Atomic Energy Commission

Vol. 6 No. 23

June 20, 1974

VISITORS WELCOME AT FERMILAB OPEN HOUSE

The general public and all friends and families of employees and associates of the Fermi National Accelerator Laboratory are invited to the Open House at the Laboratory on the afternoon of Sunday, June 23. Several areas and many of the unique features of the Laboratory will be open and available to visitors, allowing them to see and to hear of the Laboratory's operation for the first time since completion.

Dr. Frank Cole, chairman of the committee in charge of the event, suggests that Open House visitors come first to the Auditorium to hear a general 15-minute narrated slide presentation about the Laboratory which will be shown continuously, every half hour, during the 1 p.m. to 5 p.m. Open House hours.

From the Auditorium, people may wish to begin their tour by walking past the observation window of the impressive Cockcroft-Walton pre-accelerator. Then they may proceed through the gallery of equipment adjacent to the Linear Accelerator, and on through the lobby of the Main Control Room. FERMILAB staff members will be stationed along tour routes to answer questions and assist visitors. The accelerator system will not be operating during the Open House.

A variety of magnets will be on display in the high bay area of the Cross Gallery, just beyond the Control Room, and just ahead of the point where busses will load for tours of the site. Busses will be available to take visitors from the Booster Pond loading point to service building number D-2 of the Main Ring where it will be possible to go down into the Main Ring tunnel and to walk through this portion of the tunnel, coming up at service building D-3.

Busses will then proceed to Road A, which runs tangent to the Main Ring. They will stop at the Muon Area where two experiments will be on view, Experiments 98 and 26. Experiment 98, a collaboration of scientists from the University of Illinois, the University of Chicago, Harvard University, and Oxford University, includes the cyclotron built by Enrico Fermi at the University of Chicago in the 1950's. Experiment 26 is studying muon scattering and has published a number of interesting results achieved by collaborators from Cornell University and Michigan State University. Guides on the busses will point out interesting features of the Laboratory as the busses proceed past the Bubble Chamber Area and then return to the Central Laboratory, driving past the Scottish Highland cattle and the buffalo herd. Children and grown ups alike will enjoy seeing the nine new buffalo calves.

After leaving the busses, visitors may wish to see an overview of the entire laboratory layout by taking the elevators to the 15th floor of the Central Laboratory.

Lemonade will be served in the cafeteria on the Atrium floor of the Central Laboratory during the afternoon. Photography is welcome anywhere in the Laboratory.

Open House visitors will be given a map of the Laboratory when they arrive that will include this schedule of events of the day.



...FermiLab facilities open to public Sunday, June 23...

* * * * *

SOME POINTS OF INTEREST FOR
OPEN HOUSE VISITORS

The Auditorium - Carefully-planned acoustics allow speakers to be heard clearly in back rows without use of microphone. Amphitheater-style seating gives good visibility from each seat. On the roof of the auditorium is a sculpture done by Dr. Robert R. Wilson, Director of the Laboratory.

The Cockcroft Walton Pre-Accelerator - A modern version of the first particle accelerator, built in England in 1932 by John D. Cockcroft and Ernest T.S. Walton. The "Cockcroft Walton" serves as a spark to light the rest of the accelerator system. Protons are extracted here from hydrogen gas and injected into the accelerator system where they are accelerated to high energies.

The Main Control Room - An array of the most advanced uses of electronic equipment. The entire accelerator system is operated and controlled from this room.

The Booster Accelerator - Water from pond in center of Booster Accelerator circulates through the magnets of the accelerator in the tunnel below ground, then up to the surface for air cooling, and back through the magnets. Water above Main Ring serves same purpose.

The Main Ring tunnel - Four miles in circumference, 20 feet below ground, containing 1,000 magnets through which the proton beam travels 50,000 times per second.

Muon Experimental Area - Typical of the facilities built by experimental groups to study sub-atomic particles.

Central Laboratory - Atrium on the main floor is one of the largest in the world. The entire FERMILAB and surrounding communities (including Chicago skyline on a clear day) are visible from the 15th floor. This is the administrative headquarters and the center of activity at the FERMILAB.

Buffalo Herd - FERMILAB buffalo herd started in 1970 with six Colorado animals, joined by twelve from a State of Illinois herd in 1971. Herd now numbers 38. They roam on an 80-acre pasture on Road B.

CLAUDE DICKENS APPOINTED AEC DEPUTY AREA MANAGER

Claude W. Dickens, a Naperville resident, has been appointed Deputy Area Manager of the U.S. Atomic Energy Commission's Batavia Area Office. Mr. Dickens was previously Director of the Budget Division of the U.S. Atomic Energy Commission's Chicago Operations Office, Argonne. He was Chief of the Chicago office Budget and Contract Finance Branch from 1967 to 1974. He first joined the AEC in 1954 as a finance trainee in the AEC's Oak Ridge, Tennessee, office. In 1956 he moved to the Chicago office as an auditor in the Finance Division and, in 1959, joined the Budget Division as a budget examiner.

Before coming to the AEC, Mr. Dickens owned and operated a food processing and freezing plant and managed a refrigeration and farm machinery business.

He attended the University of Indiana and received a bachelor's degree from the University of Miami, Coral Gables, Florida. He has also done graduate work at the University of Miami.

Mr. Dickens served as a combat pilot in the Armed Services during World War II. He retired as a Lieutenant Colonel from the U.S. Air Force Reserve.

Mr. Dickens and his wife Martha (Younce) have two children, Thomas 21, and Timothy, 19. They reside at 212 South Basswood Street, Naperville, Illinois.



...Claude W. Dickens...

FERMILAB BOWLING CHAMPS



...The Mudballs (L-R): B. Mau, D. Maxwell, C. Plezbert, J. Smith, and H. Scheppman...



...The Bumsteers (L-R): R. Wagner, H. Satter, B. Hill, B. Flores, and B. Fray...



...The Steamrollers (L-R): J. Raczek, S. Nila, D. Dewitt, J. Santori, and N. Hill...

FERMILAB bowlers finished their 1973-74 season and awarded trophies at a gala banquet at the Back Door on Friday, May 3. In the final night doubles, Joe Otavka and Jackie Satter (Mrs. Hal), came out on top with 1104; Dave Dewitt and Hal Satter were second with 1099.

Season winners, 1st place, were The Mudballs. Team members were Bob Mau, Doug Maxwell (captain), both of the Accelerator Division; Colleen Plezbert, Computer Department; Harold Scheppman, Plant Maintenance-Operations; and Jack Smith, Accelerator Division. Second place winners were The Bumsteers. Team members were Bali Flores and Bill Fray, Machine Shop; Barbara Hill (Mrs. Norman); Hal Satter, Accelerator Division; and Ralph Wagner, Employee Benefits. Third place team was The Steamrollers. Members were Dave Dewitt, Accelerator Division; Norman Hill and Sherry Nila, Material Support; Joe Raczek, Technical Services-Architectural; and John Santori, Research Services-Cryogenics.

Individual awards presented at the banquet were: Most Improved female bowler, Anna Hively (Mrs. Robert); Most Improved male bowler, Tom Hornyan, Accelerator Division. High Series for male, Doug Maxwell; High Series for female, Helen Ecker, Technical Services. High Game for male, Gene Stark, Plant Maintenance; for female, Barbara Schluchter, Research Division.

League officers during the past season were Harlan Gerzevske, Accelerator Division (president), Gene Stark (vice-president), and Barbara Hill (secretary-treasurer).

* * * * *

FOR THOSE WEEKENDS COMING UP...

Five canoes are available for loan to people at the Fermi Laboratory. They are very popular, and thus, it is necessary to check with Florence Foley, Village Services, Ext. 3421, if you want to use a canoe on a particular weekend. Life preservers must be worn when canoeing, and these are not provided by the Laboratory.

Other recreational equipment is available on loan through the courtesy of NALREC, including a small sailboat for use on the waters on the Laboratory site. Horseshoes, volleyball equipment are also available. Call NALREC President, Helen Ecker, Ext. 3393, for further information.

* * * * *

LIBRARY NEEDS YOUR HELP

The FERMILAB library would like to obtain the following issues of Scientific American for its collection: September 1970 and April 1968.

If anyone has these issues and would contribute them to the library, it would be greatly appreciated. Call Roger Thompson, Ext. 3401.

* * * * *

INTERNATIONAL FOLK DANCING

Everyone is welcome Friday, June 21 to join the Folk Dancing Group in the Village Barn. Dancing begins at 8:00 p.m. Refreshments are served. Leaders are Marilyn and Jim Griffin.

* * * * *

...LOOK AHEAD TO OKTOBERFEST IN AUSTRIA...

8 days and 7 nights
September 27 - October 5, 1974

\$369.00

"Gaiety reigns supreme during Europe's fabulous Oktoberfest in the Tyrol region. Troubles wash away in the spirit of friendship that you'll experience from the great Hofbrau Haus in Munich to every little village gasthaus, even in the mighty Alps, where life takes on a new meaning in the clear mountain air. It's spirit you won't soon forget...and you'll love every minute of it during this once-in-a-lifetime opportunity to experience the Oktoberfest celebration where it all began."

Price includes round trip air fare; bus transportation Munich to Seefeld, Austria; continental breakfast daily, airport transfers, baggage handling, and gratuities. Call Eric Jarzab, Ext. 3398, to make your reservation before July 1. Final payment is due on or before August 2.

!!! REMEMBER, CREDIT COSTS LESS AT YOUR CREDIT UNION !!!

CLASSIFIED ADS

FOR SALE - 1974 Dodge Van Sportsman Royal; a 1970 Suzuki 250 motor cycle, will sell to highest bidder; a Sears 8 trk. tape deck w/FM radio + 2 stereo spkrs., \$75; two G78-14 Sears stud. snow tires, used 1 mo., w/sell for \$75. Call Ernie, Ext. 3210.

FOR SALE - 1971 Datsun 1200, 34 mpg, \$900. Call LaDaune, Ext. 3555.

FOR SALE - 1969 Rebel, 4 door, A/T, A/C, low mi., \$825; a 9000 BTU Air Conditioner, 115V, 7½ amp. Call Howard Hart, Ext. 3382.

FOR SALE - 1968 Charger, 383 cyl., auto., excel. running cond., \$650. Call Greg Lawrence, Ext. 3677.

FOR SALE - 1968 Buick Skylark, 6 cyl., 2 door, p/s, gold w/blk. vinyl top, new carburetor, clean interior, Diehard bat., runs good, \$750. Call Doris Ferrell, Ext. 3211 or 896-8679.

FOR SALE - 1973 Honda, 450cc, \$900. Call Jack Smith, Ext. 3701.

FOR SALE - Solid birch Connant Ball dining set (6 chairs, china cab., buffet, server); a bedroom set (dresser & chest, w/bookcase head board); a 5 ft. diameter pedestal white formica kitchen table, 5 swivel bucket chairs; '69 4 door Impala, pwr., a/c. Call Art Streckius, Ext. 3580.

FOR SALE - 1960 Cadillac 4-door Sedan; an Argus C-3, 35MM slide camera, \$25; a 134 Kodak Instamatic, \$10; a double bed frame, \$15. Call M. Kampikas, Ext. 3377 or 879-1712.

FOR SALE - Hi-Lo Camper, 18', sleeps 6, furnace/refrig./stove & water tank, trailer hitch and mirrors, \$1,950. Call George Korpan, 852-9094.

FOR SALE - 1972 Fleetwood Mobile Home, 14'x 64', 1½ bath, 3 bedrooms, shed, skirted and fenced in yard. Call for appointment, Wayne Smith, 815-786-2918.

FOR SALE - Fruitwood dining room set, oblong table, 4 chairs, \$125. Call E. Laukant, 665-0439 after 4 p.m.

FOR SALE - Johnson, M-124, Citizen Band radio, equipped w/antenna & accessories, \$230 or best offer. Call Curtis Danner, Ext. 3595 or 638-6681.

FOR SALE - Two Memrod dive masks, a wide angle view (triple), a purge valve, and a nose equalizer, all \$10 each. Call Mike, Ext. 3892 or 653-4645.

WANTED - Dog sitter for 3 yr. old Bassett Hound, great with kids, from July 10 to approximately August 15. Fee negotiable. Call Ron Martin, Ext. 3943.

WANTED - Foreign Stamps. Please send to Arlene Alexander, Hi Rise Cafeteria.

TO GIVE - A 1 yr. old male, blk. Labrador Retriever to approved home ONLY. Call Chris Christenson, Ext. 3728.

* * * * *