

The Village Courier

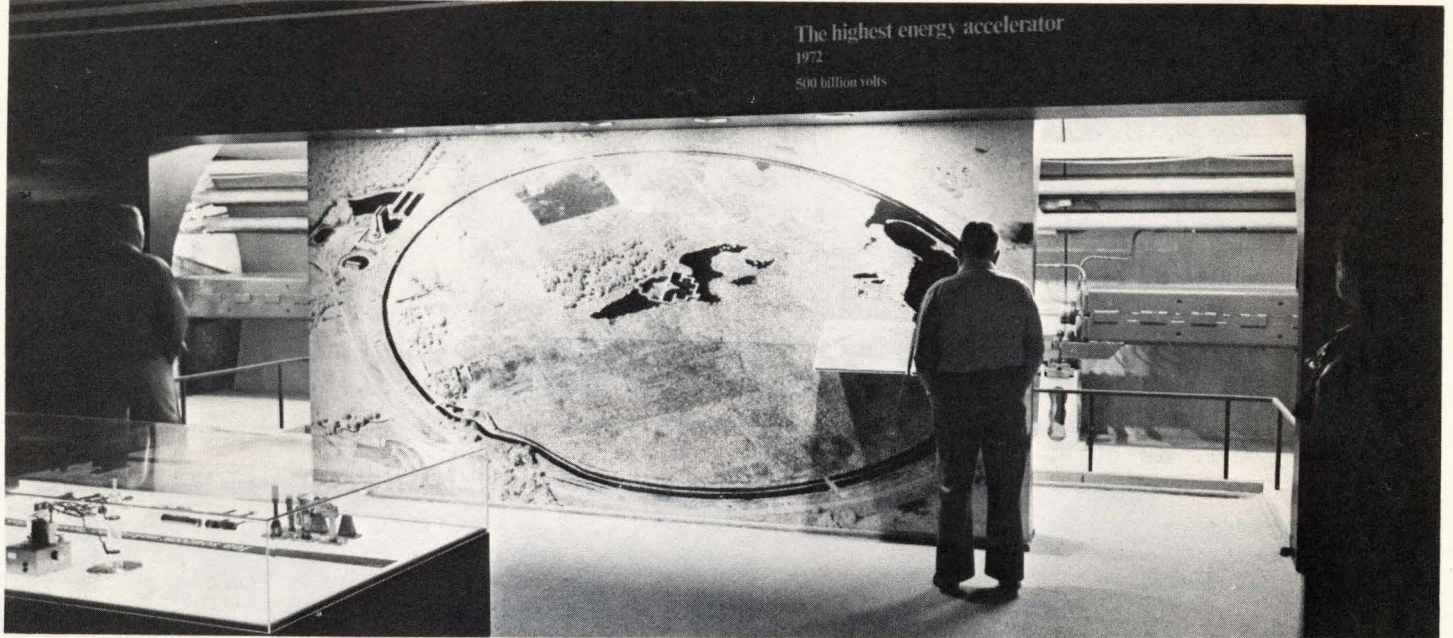


fermi national accelerator laboratory

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The highest energy accelerator
1972
500 billion volts

...Fermilab accelerator display opened December 1, 1977, at the Smithsonian Institution...
SMITHSONIAN MUSEUM FEATURES FERMILAB

Visitors at the Smithsonian Institution, Washington, D.C., can walk through a 35-foot replica of a section of Fermilab's Main Ring tunnel.

The display is part of a new Smithsonian exhibit opened Dec. 1 titled "Atom Smashers: 50 Years." The exhibit, in the Museum of Science and Technology, is the first in the nation to assemble machines and techniques tracing the development of high energy particle accelerators. Photos, artifacts, and working displays comprise the 8,000-square-foot-exhibit.

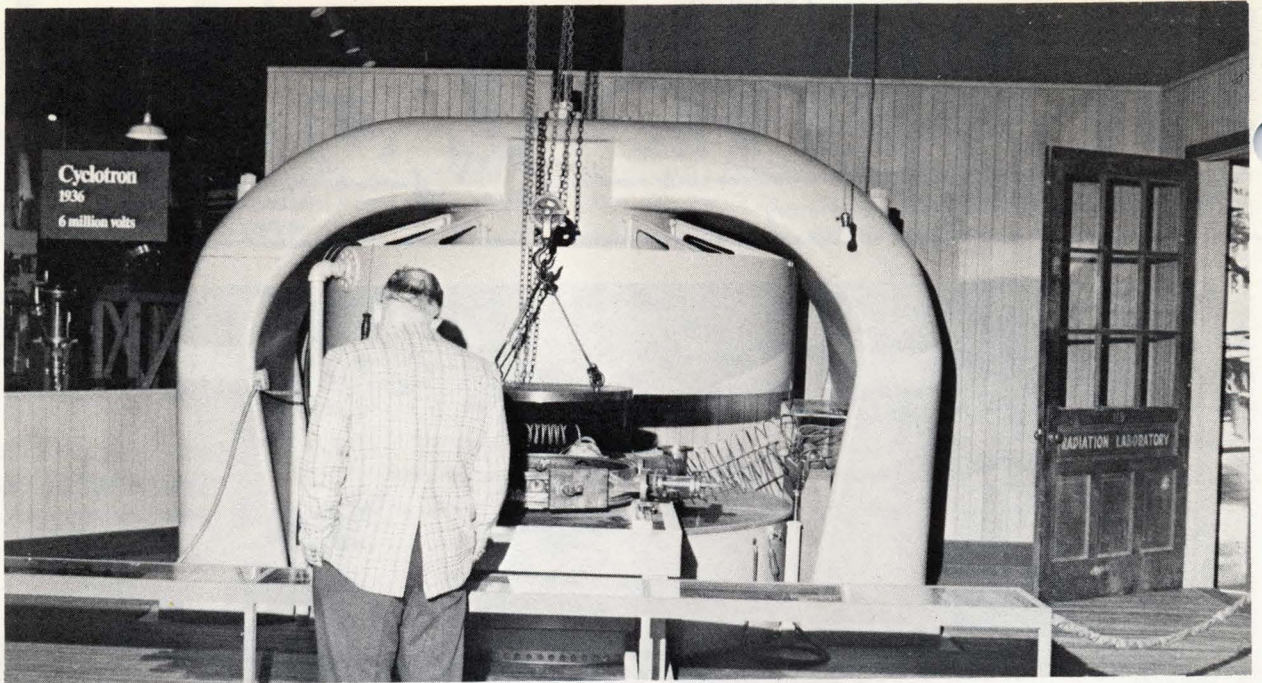
Magnets, pumps, pipes and cables outfit the Fermilab Main Ring mockup. The Laboratory donated magnets actually used in the main accelerator. Newspaper clippings mounted on the wall recall selection of the Illinois site for the Laboratory in 1966-67. Fermilab's superconducting research is explained in a section looking at the next generation of high energy accelerators. Prototype superconducting magnets from Fermilab and Brookhaven National Laboratory are among those on display.

The tunnel facsimile includes a bending magnet, quadrupole magnet and associated hardware. A cross section opening reveals the bending magnet's interior. Mural photos at each end of the display create the illusion of being in the Main Ring. A large black and white aerial photo mural of the Fermilab site highlights the exhibit's exterior.

In another section, taped background music features Fermilab physicist Arthur Roberts singing original music celebrating the progress of physics during the past 40 years.

Paul Forman, exhibit organizer and museum curator of modern physics, visited Fermilab a year ago to finalize plans for Fermilab's contributions. Other laboratories represented are: Brookhaven National Laboratory; Lawrence Berkeley Laboratory; Oak Ridge National Laboratory; and Stanford Linear Accelerator Center.

John McCook, Associate Director for Administration, coordinated Fermilab's participation. Support groups assisting were: Accelerator Mechanics; Technical Services; Photography; Machine Shop; Saw Shop; Fabrication Procurement; Support Services; T & M Contracts; Radiation Physics; Magnet Facility; and Public Information.



...On display at the Smithsonian is E. O. Lawrence's 27-inch cyclotron as it stood in his laboratory at Berkeley in 1936...

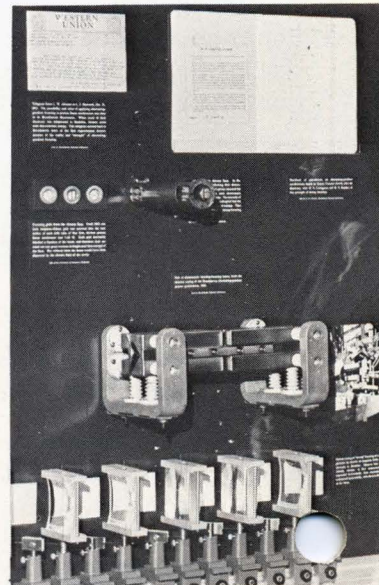
Atom Smashers

50 yrs.

Supercond



...Accelerator pioneers are portrayed in a display chronicling early physics research programs...



...P. Brindza, Fermilab Group, built an optical focusing for the ex



...Visitor views facsimile of Main Ring tunnel section at Smithsonian...



...Prototype of superconducting magnet donated by Fermilab...



Energy Doubler/Saver
ical analog of strong
hibit...



...At the exhibit opening
were above (L-R): E.M.
McMillan, synchrotron
designer; G. Seaborg,
former AEC chairman;
P. Forman, exhibit
coordinator; and the
S.D. Ripleys (Smith-
sonian Secretary)...



FERMILAB HOLIDAY OFFICE HOURS

Friday, December 23 (full day) Offices Closed
Monday, December 26 (full day) Offices Closed
Monday, January 2 (full day) Offices Closed

The full holiday on December 23 results from combining half-holidays for Christmas and New Year's eves. Since Christmas falls on Sunday in 1977, a four-day Christmas weekend accrues. New Year's Day, 1978, also falls on Sunday and will be observed with a full holiday on Monday, January 2, 1978.

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WE NEED A NEW NAME

Note to Readers: The Village Crier may have outgrown its name. Your Fermilab newsletter no longer is just the Village voice; we now serve 1,300 employees on 6,800 acres. So, perhaps a new name is needed. And that's where you come in. We invite you to send us your suggestions. Be imaginative and creative and get your name suggestions to us by Friday, Jan. 13. Suggestions should be submitted in writing, with rationale for the name you propose. There's no big prize for the winner; just your photo in the former CRIER. Please send all entries to the Public Information Office, CL-1W.

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BIRD COUNT COMING

For the second straight year, Fermilab will be the focal point of a Christmas bird count by the DuPage Audubon Society. From 7 a.m. to 5 p.m., Saturday (Dec. 17), 40 birders will take a census in eight sectors within a seven and one-half mile radius of the Laboratory. Dave Carey (Computer) will be among five counters assigned to Area I (Fermilab). Richard Hoger, staff assistant in the supply division at Argonne National Laboratory, is Christmas bird count committee chairman. He said the National Audubon Society and the U.S. Fish and Wildlife Service are co-sponsoring the 78th annual count. Last year in the Fermilab area, about 50 observers in 12 parties covered 51 miles on foot and 340 miles in cars. They counted 8,177 birds of 60 species. The Fermilab census area was one of 13 Chicago-area regions counted. Nationally, about 28,000 persons participated. 1978 count results will be tabulated in the Central Laboratory at the end of the day.

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DENTAL SURVEY RESULTS

John McCook, Associate Director for Administration, has announced that results of the dental survey distributed in early November to all Fermilab employees do not support further action toward obtaining coverage at this time.

Out of about 1400 potential participants, only 587 persons returned their questionnaires. Of this group, 331 persons indicated that they were interested in dental insurance; however, 97 of this group were not interested in this plan. Thus, according to the survey results, approximately 234 persons at the Lab are interested in the dental plan as presented.

In order to establish a significant unit for group coverage, leading dental plan insurers desire at least 75% participation of the group (1050 at the Lab). The number of people interested at this time does not come close to this requirement.

The costs quoted in the survey are typical of the costs of plans written by a number of insurance companies. We intend to continue studying all possibilities in this area and continue watching the market for more favorable premium possibilities. Any significant developments will be reported.

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LAST REMINDER . . . CHRISTMAS DINNER DANCE, "Red Ribbon," Friday, December 16, St. Andrews Country Club, West Chicago, 6:30 p.m.-midnight, Tickets from NALREC committee members. . . . END-OF-YEAR party for employees Tuesday, December 20, at the Village Barn, 6-10 p.m. For information, contact Helen Ecker, Ext. 3126.

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