

# FERMILAB NEWS

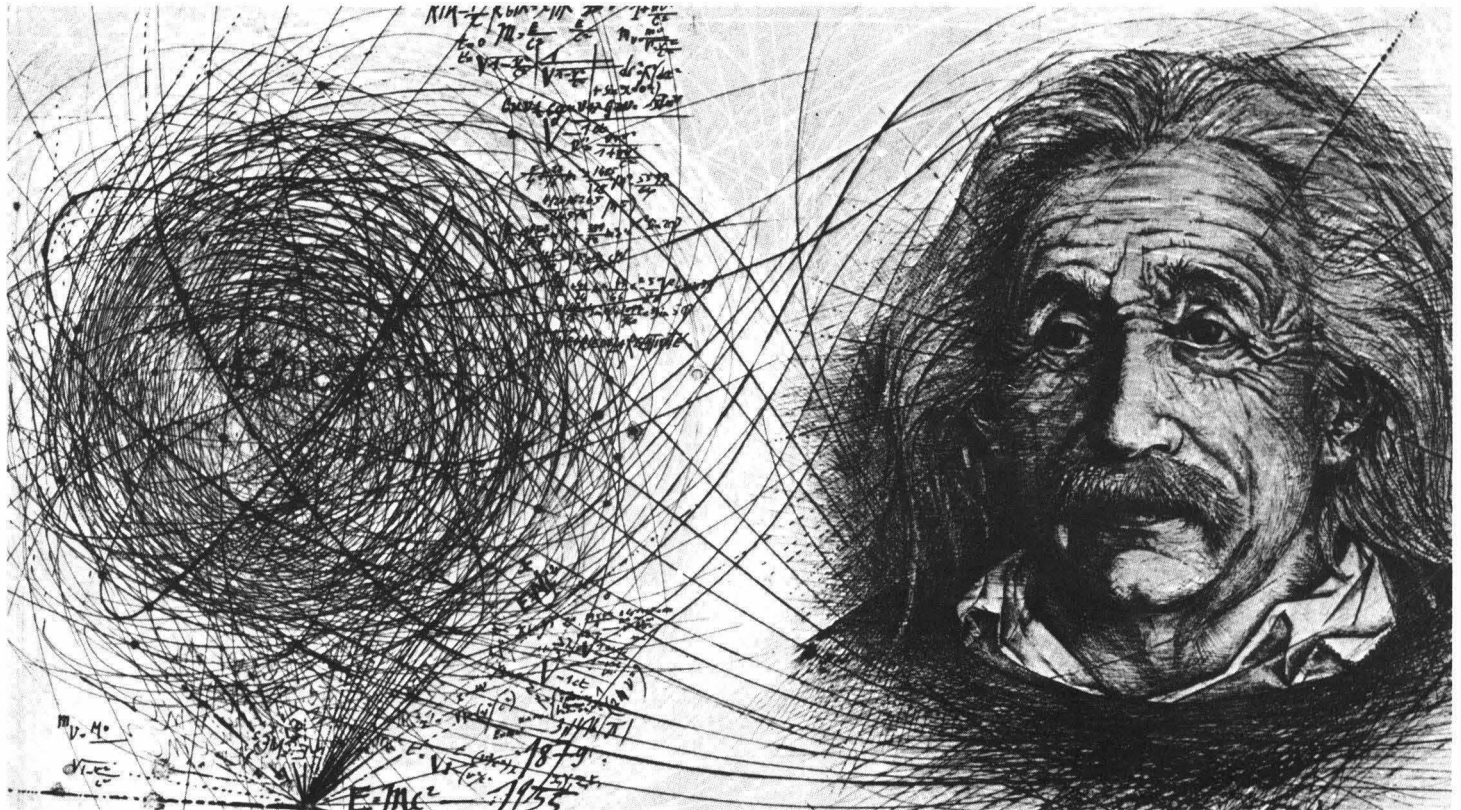
 Fermi National Accelerator Laboratory

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## EINSTEIN CENTENNIAL EXHIBIT COMING TO FERMILAB



The Einstein Centennial Exhibit is coming to Fermilab for a showing August 1-18, and possibly longer.

It will be set up in the conference room in the southwest section on the first floor of the Central Laboratory (1-West). At the same time, the film "Albert Einstein: Education of a Genius" will be shown at 11 a.m. and 3 p.m. The exhibit and the film will be available to the public seven days each week.

The exhibit, prepared by the American Institute of Physics for the Institute for Advanced Study in Princeton, N.J., under a grant from the National Endowment for the Humanities and the film are being circulated throughout Illinois under the auspices of the Illinois Humanities Council.

The exhibit consists of nine seven-foot high frames holding 18 panels, each two feet wide by four feet high, describing the

life of Einstein. The main feature is the growth of Einstein's scientific work, presented in layman's terms. But the exhibit devotes even more space to explaining his extensive public and political work, his role in world culture, his philosophy and his quality as a human being. Also included is an authoritative text prepared in consultation with leading historians; an extensive selection of quotes, in color overlay; and illustrations that include photographs, drawings and reproductions of manuscripts taken from a variety of sources.

The film shows the man and the environment out of which his great theories grew. It develops the relationship between his non-verbal and imagistic thinking and the experiments that underlie his theories, and shows the special linkage of science and art. This link is a recurrent theme in his life.

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## REINCARNATION FOR COCKCROFT-WALTON

It happened at 12:14 p.m. July 16.

Cyril D. Curtis pulled the plug...

...On the east Cockcroft-Walton pre-accelerator, saying it was "at the end of its natural life."

But the unit will be reborn in a few months as an H-minus source, joining its companion (the west Cockcroft-Walton) in being the starting point for the particles that eventually end up whizzing around the Main Ring.

Until then, a whole host of people will be working in it, giving the unit a new insides, but keeping the same exterior appearance.

Yet to men like Curtis and Charles W. Schmidt, both physicists with the Linac Group, the machine with the shiny aluminum skin needed a dignified decommissioning after having served Fermilab as the proton source. "It's been a workhorse for nearly ten years," said Schmidt. "It seemed to us like it needed some recognition when we shut it down for the final time."

So Curtis and Schmidt and others who had worked with, in and on the preaccelerator gathered by the dome at shortly past noon to pay their last respects.

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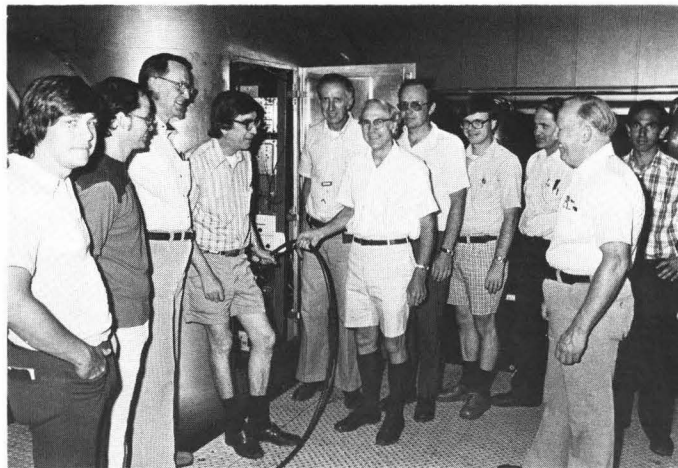
## ENERGY FUTURE SUBJECT OF FERMILAB LECTURE

Two Harvard University faculty members, both energy experts and authors, will speak at Fermilab Aug. 3.

The lecture by Robert Stobaugh and Daniel Yergin--"After the Second Shock: Our Energy Future"--will begin at 8:30 p.m. in the Central Laboratory auditorium. It is presented jointly by Fermilab and the Illinois Humanities Council as another lecture in the science and human values series.

In 1972, Harvard Business School began an exhaustive study of the energy issue. Stobaugh is the director of that study, and professor of business administration at the Harvard Graduate School of Business Administration. Yergin is a lecturer at the Kennedy School of Government at Harvard and the author of the widely acclaimed study of the cold war, "Shattered Peace."

Together, they edited "Energy Future," a report of the six-year study. The book, published by Random House, already is



...Pulling the plug that at the same time heralds a new assignment for the Cockcroft-Walton preaccelerator are (L-R) Larry Allen, Rolland Johnson, Phil Livdahl, Curt Owen, Glenn Lee, Cy Curtis, Ed Gray, Bob Goodwin, Mike Shea, Max Palmer and Chuck Schmidt...

"I feel like I'm destroying something many people have put a lot of work into," said Schmidt.

But he and others knew that the old workhorse would be reincarnated as an H-minus source and back for many more years of service.

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appearing in bookstores around the nation.

Admission to the lecture is free, but tickets are required. They may be obtained from the Guest Office, CL1-W, Ext. 3124.

After the lecture, a reception will be held with refreshments in the atrium.

The Fermilab science and human values lecture series is co-sponsored by the Illinois Humanities Council and the National Endowment for the Humanities. The free lectures are intended to show the interaction between science and the humanities, as well as to help the audience appreciate and understand more fully the major issues.

Both men have been interviewed on national television and in print media that have national circulations.

In one interview that appeared in the New York Times, Stobaugh said about the energy project: "We tried for a more balanced approach, a more hard-headed analysis."

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## 4,000 COME TO THE NALREC FAMILY PICNIC

The statistics are impressive: 3,000 cans of pop and enough fried chicken for 4,000 people. And they ran out of everything. Which means, according to Brenda Moylan, member of the NALREC family picnic plan-

ning committee, that "we had well over 4,000 people" at the picnic July 22.

One of the largest crowds ever, she said.



*...Dandy duty for a centipede...*



*...Watermelon eating contest...*

## PODSCHWEIT FUN-RUN OVERALL WINNER

Twenty-four minutes and 43 seconds after he started, Ed O. Podschweit, Accelerator Division, crossed the finish line at the NALREC family picnic to post the fastest time for the four miles.

One minute and one second later, Rick Warner finished second, and close on his heels came Tom Cwik with a time of 26 minutes, 29 seconds.

Out of a field of 24, the first place finishers according to age and sex were:

Men, 12 and younger--Jack Albright; 13-16, Jon Marofske; 17-20, Rick Warner; 21-30, Tom Cwik; 31-40, Ed Podschweit; 41-50, Ken Edwards; and 51 and older, Marv Warner.

Women, 12 and younger, Nancy Marofske; 13-18, Peggy Chizzo; 19 and older, Mariette Kobrak.

Each of the top 10 finishers was awarded a Fermilab T-Shirt for outstanding performance in a race that was the first main event of the picnic.

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*...An anxious moment away...*



## SIGN UP DATES FOR MIXED BOWLING LEAGUE

Persons interested in joining the Fermilab mixed bowling league have been asked to sign up on August 6-10.

A league member will be in the Central Laboratory second floor lounge from noon to 1 p.m. to accept members. League membership will be limited to the first 80 persons, but substitutes will be accepted.

The bowling season opens Sept. 5 and will continue through April 23, 1980, each Wednesday at 5:45 p.m. at Bowling Green Lanes, West Chicago. The weekly bowling fee is \$4.

The league membership fee is \$14. This amount covers bowling on the first, 33rd and 34th weeks as well as the ABC-WIBC membership, and is due at the time a person joins the league.

For more information, contact Sharon Koteles, Ext. 3598; John Robb, Ext. 3387; Linda Even, Ext. 3097; or Jackie Coleman, Ext. 3211.

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## NEXT DIRECTOR'S PHYSICS SOIREE SCHEDULED

"Contrasts between ep Collider and up Fixed Target Experiments" will be the topic of the second director's physics soiree Aug. 6.

The session will begin at 8 p.m. in the Users Center. Persons who plan to attend have been asked to contact Judy Ward, Ext. 3211. Any person who wishes to participate in the discussion on either side of the issue should contact Brad Cox, Ext. 3152.

Refreshments will be available.

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## FACILITIES REQUEST FORM

Have occasion to arrange a group tour or a professional, social or recreational event at Fermilab? If it requires the use of Laboratory facilities or equipment, special meal service or other support, then a "Facilities Request Form" should be filled out at least two weeks before the scheduled event.

This procedure has been devised to assure that all necessary arrangements are made for an event and that there is no

## IN MEMORIAM

Yong W. Kang



Yong W. Kang, a programmer with the Computing Department since Sept. 1, 1972, died July 20.

He had been with Fermilab since March 4, 1968, coming here as a physicist with Experimental Facilities. At the time of his death, he was working on a program that would support on-line data acquisition systems, especially small ones. He was responsible, either by himself or as a member of a team, for a number of software programs that are being used throughout the Laboratory.

"Kang was a conscientious man who did his job very carefully," said Al Brenner, head of Computing Department. "He always was respectful of other people. We found his abilities exceptionally helpful, and many of his programs were very useful to the people who made use of his support."

Kang joined Fermilab after working as a post doctoral research associate at the Ames Laboratory, Iowa State University. He had earned his bachelor's degree in 1948 from Seoul National University, Korea. Nine years later, Washington University, St. Louis, Mo., awarded him a master's degree in physics. He earned his doctorate in 1961 at Tufts University, Medford, Mass.

Yong entered this country Feb. 6, 1954. His wife preceded him in death. He is survived by three sons, Jon, Hyun and Syuk.

conflict or overlapping of dates for activities. When returned to the requestor with appropriate approvals, the form will confirm that the activity has been approved and scheduled for the requested date.

The Facilities Request form may be obtained from any of the following: Patricia Zack, Public Information Office (for group tours of 10 or more people); Helen McCulloch, Recreation Office; John Barry, Accommodations; J. Paulk, Site Services; J. Coleman, Directors Office; and J. Adams, Laboratory Services.