

The Village Trier



fermi national accelerator laboratory

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DRICKEY MEMORIAL LECTURE CREATED HERE

The first memorial lecture in honor of the late Darrell Drickey will be held at Fermilab next week, sponsored by Universities Research Association Inc. Dr. Drickey, a physicist on the staff of Fermilab at the time of his death in December, 1974, was chairman of the Users Executive Committee. He was assistant head of the Fermilab Energy Doubler group and a collaborator on an experiment in the Meson Area.

Much of the work in arranging the memorial lectures has been led by the Fermilab Users Organization. Dr. Drickey's colleagues in the Users Organization point out his successful participation in the first scientific exchange in 1970 between the U.S.S.R. State Committee on Atomic Energy and the U.S. Atomic Energy Commission (now a part of ERDA).

It was a pioneering effort in international cooperation as well as being one of the first successful measurements of the size of the pi meson, carried out by Dr. Drickey and a scientific team at the Serpukhov Laboratory. The success of that exchange has been the foundation of the collaborations at Fermilab which have been continuous since 1972.

In the prospectus for the memorial lecture, Louis N. Hand, chairman of the Users Executive Committee, states, "Many people feel that Drickey's contribution in leading a group at Serpukhov was a major pioneer effort in an area where high energy physicists can make a unique contribution due to the international character of our field. It was decided that a memorial lecture by a prominent physicist would be one way to memorialize a man whose untimely death was a great loss to the high energy physics community."

Dr. Hand also notes, "The Users feel that Darrell Drickey generated a spirit that is still with us; we still operate from his impact. He was a very positive person and had that ability to change the attitude of the people with whom he worked. He was one of those rare persons who insisted on overcoming difficulties and this was always evident in the projects with which he was associated." A committee is being formed to plan and carry out future lectures.

The first Darrell Drickey Memorial Lecture will be held at Fermilab on Friday, May 14 at 8:30 p.m. It will coincide with the annual meeting at Fermilab of the 800-member Users Organization, May 14 and 15.

Nobel Laureate Luis Alvarez will be the first Darrell Drickey Memorial Lecturer. Title of his lecture is "Ernest Lawrence's Laboratory - Where the Big Machines Began."

Dr. Alvarez has been a physicist on the staff of the University of California at Berkeley since 1936. He received his undergraduate as well as his graduate degrees at the University of Chicago.

Dr. Alvarez has received many awards for his work, including the National Medal of Science and the Michelson award. He was the recipient of the Nobel Prize in 1968 for "decisive contributions to elementary particle physics." He was honored for "the discovery of a large number of resonance states made possible through development of the technique using hydrogen bubble chambers and data analysis."



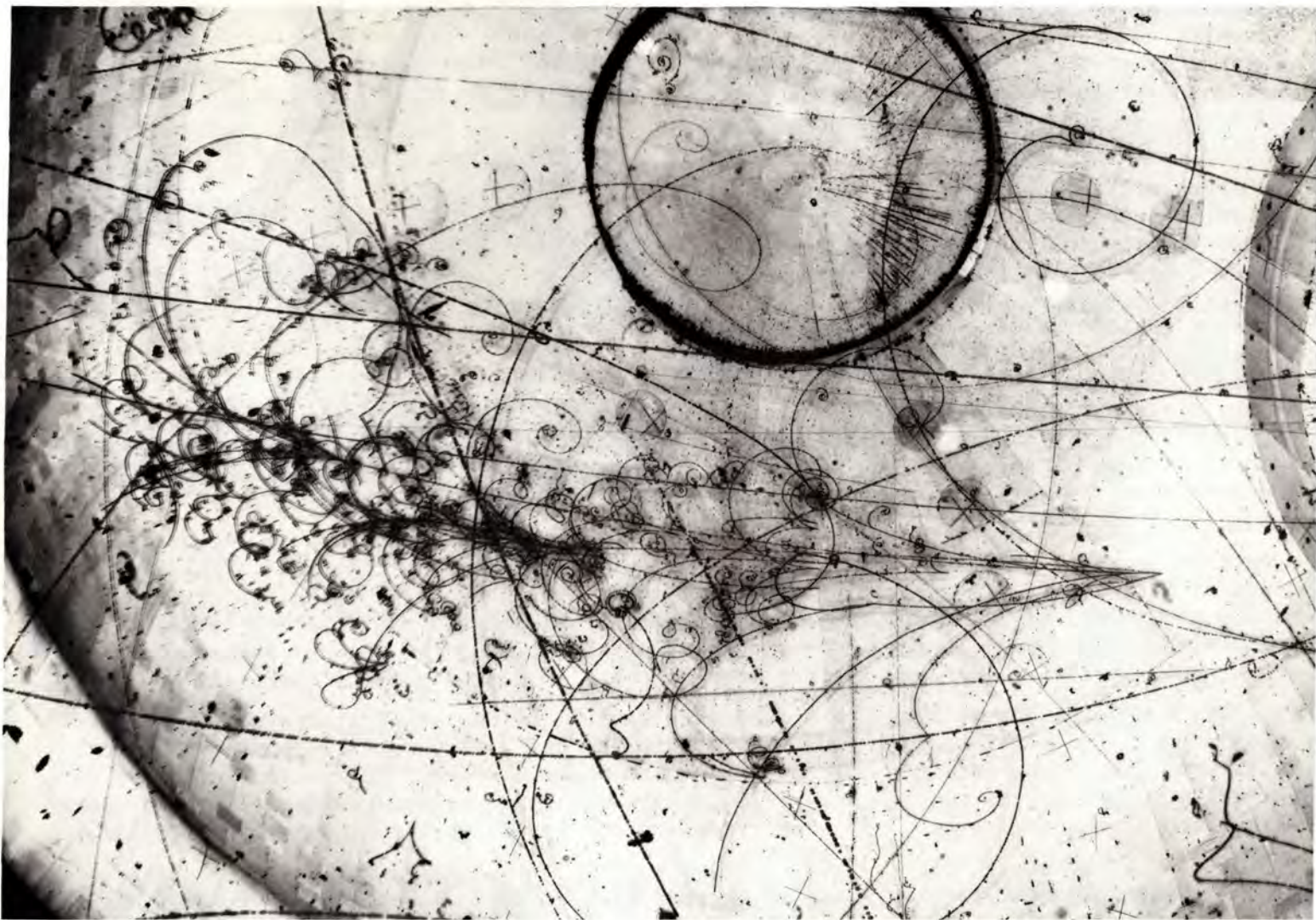
...Darrell Drickey... ...Luis Alvarez...

His lecture at Fermilab deals with the stimulating atmosphere which prevailed at the Lawrence Radiation Laboratory in the 1930's under the direction of Ernest O. Lawrence, an atmosphere he knew well as a young scientist and for nearly forty years. Writing in the book, "All in Our Time," in a chapter entitled: "Berkeley: A Lab Like No Other," Alvarez says,

"I was as much impressed by the 'atmosphere' in the Radiation Laboratory as I was by the marvelous pieces of experimental equipment that I found so fascinating. The whole 'style' of the laboratory was set by Ernest Lawrence, and one felt his presence at all times, even when he was not in the laboratory building. I am convinced that Ernest Lawrence's greatest invention was not the cyclotron, but the modern way of doing physics in cooperative teams."

Tickets for the lecture are available in the Guest Office, CL-1W. They are free.

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...Picture of neutrino interaction in the Fermilab 15-foot Bubble Chamber with heavy neon-hydrogen liquid mixture taken in April, 1976. Nearly one neutrino interaction per picture is found with the current run targeting 10^{13} protons at 400 GeV with the wide band - two horn system. Frequently the chamber is flooded with tracks from several neutrino interactions in the same exposure.

In addition to increasing the interaction rate, the heavy neon mixture allows many of the particles from neutrino interactions to be recognized by direct inspection of the track appearance: protons, charged pions and kaons produce secondary interactions; neutral pions are evidenced by their gamma rays converting to electron pairs; muons sail right through the liquid without interacting and direct electrons or positrons from the vertex are recognized by successive kinks and associated gamma ray conversions along their tracks. A major interest in the present experiment by a Columbia University-Brookhaven Laboratory collaboration is the study of "di-lepton" events in which two muons or a muon and an electron are produced in high energy neutrino interactions...

ARBOR DAY, 1976



...Rudy Dorner and Dave Cosgrove...



...Jim Kalina and John Barry...



...Sam Baker and Larry Coulson...



...Gerry Reid and George Doyle...



...(Front L-R) Khabiba Nigmanova, Vassiliu Nomokonov, Sherzod Nigmanov, (Back L-R) Tonia Nomokonova, and Erna Morozova...



...Tonia Nomokonova (L), Sherzod Nigmanov, Vassiliu Nomokonov, Khabiba Nigmanova (front) and Erna Morozova...

EMERGENCY WARDEN TRAINING
IN VILLAGE

With the advent of the tornado season, training sessions are being scheduled for Emergency Wardens at Fermilab.

During March training sessions were held for the floor wardens in the Central Laboratory Building. A training session will be held Friday, May 7th, at 10:00 a.m. in the Village Curia for wardens in the Village.

Tornado shelters in the Village area are located in the former proto-boost tunnel in Lab #6 on Neuqua Street, in the basement of dorm #3 at the S.E. corner of Sauk and Shabbona, in the basement of Aspen East, and in the basement of 18 Sauk Circle.

Employees and visitors should be familiar with emergency plans in their area and be prepared to seek shelter when the tornado warning signal (a steady siren tone three minutes in duration) is sounded.

"All clear" information will be transmitted to Fermilab personnel through the 113 pagers and by other communication systems, such as the phone in the shelters.

Maps indicating shelter locations and emergency procedures for the Village are being circulated by Dorothy Carlson, Housing, and George Doyle, Village Services.

Special Notes:

...The Fermilab Users Center will be closed from 5:00 p.m. until 8:00 p.m. on Friday, May 14. It will open at 8:00 p.m. on that evening and remain open until midnight.

...The Inter/National Film Society movie for May, "Forbidden Games," originally scheduled for May 14 at 9 p.m. is postponed to Saturday, May 15 at 8 p.m., due to the talk being given by Luis Alvarez.

...In another of the Bicentennial Lecture Series, Professor Martin Kamen, Director of the Chemical - Biological Development Laboratory, University of Southern California, will appear at Fermilab on Friday, May 21, 8:30 p.m.

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CLASSIFIED ADS

FOR SALE - House in Wheaton, 7 mi. from lab, lovely 3 bedroom with family room and fenced in yard. Call John Caffey, 665-3176 or Ext. 3677.

FREE - 6 wk. old kittens, house trained. Call Sam, Ext. 3987, 879-2269.

WANTED - Volunteers to help weed prairie nursery plot on Eola Rd. May 15 at 9 a.m.

FOR SALE - 1971 Renu/Trio, good cond., low mileage, clean inside & out, 4 speed, radio, good heater, 30 mpg, engine in top shape. Call 584-8166 for more info.

FOR SALE - '73 Camaro, green, P/S, 52,000 mi., auto. trans., 6 cyl. \$1800. Call after 6 p.m. 231-6451 or Ext. 0540.

FOR SALE - '74 Vega Hatchback, 40,000 mi., AC, P/S/B, auto., steel belted radials, \$2000 firm - \$900.00 & take over payments. Y. L. Robinson, 879-8820, 682-9215 after 5 p.m.

FOR SALE - 1974 Ford F-100, ½ ton, 6 cyl., 3 spd., new tires, 29,000 mi., camper top, call Tony, Ext. 3535 or 584-7347.

FOR SALE - 17' wood boat & trailer w/125 h.p., O.B. Merc engine, \$1800 or best offer. Ext. 3483, Hively 879-2465 after 5 p.m.

FOR SALE - 1975 Chev. Classic, 2 dr. h.t., P/S/B, air w/w 7,000 mi., \$3200. John Bockmier, Ext. 3259 or 393-2458.

FOR SALE - manual, portable French typewriter w/carrying case. Includes accent marks, \$25. Call Rich Parry, Ext. 3727.

FOR SALE - 1972 Trvl. trailer, comp. self-cont., sleeps 6, exc. cond., lux. int. w/spare & extras. J. Otavka, Ext. 3701 or 231-1723.

FOR SALE - Puppies. Mother is an Old English Sheepdog, AKC registration. Father is a resident of Winfield. \$20 ea. Phone 652-1263 after 5 p.m.