

FERMILAB NEWS

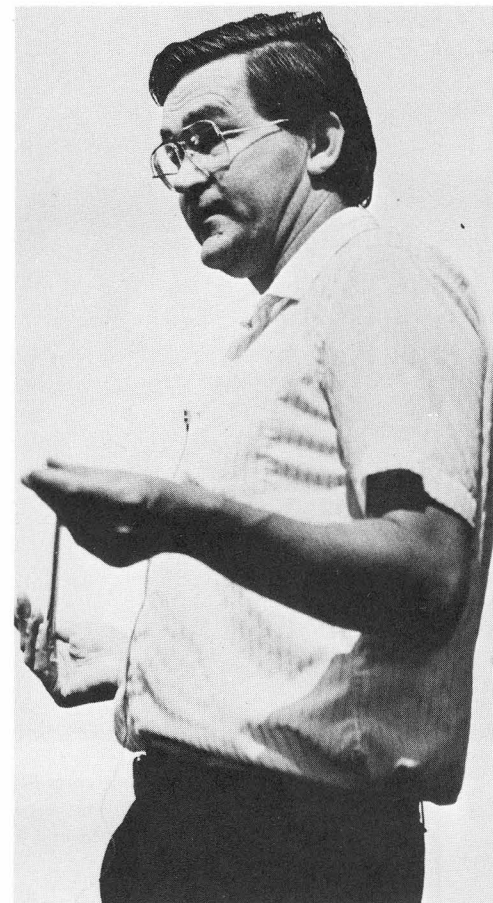
 Fermi National Accelerator Laboratory

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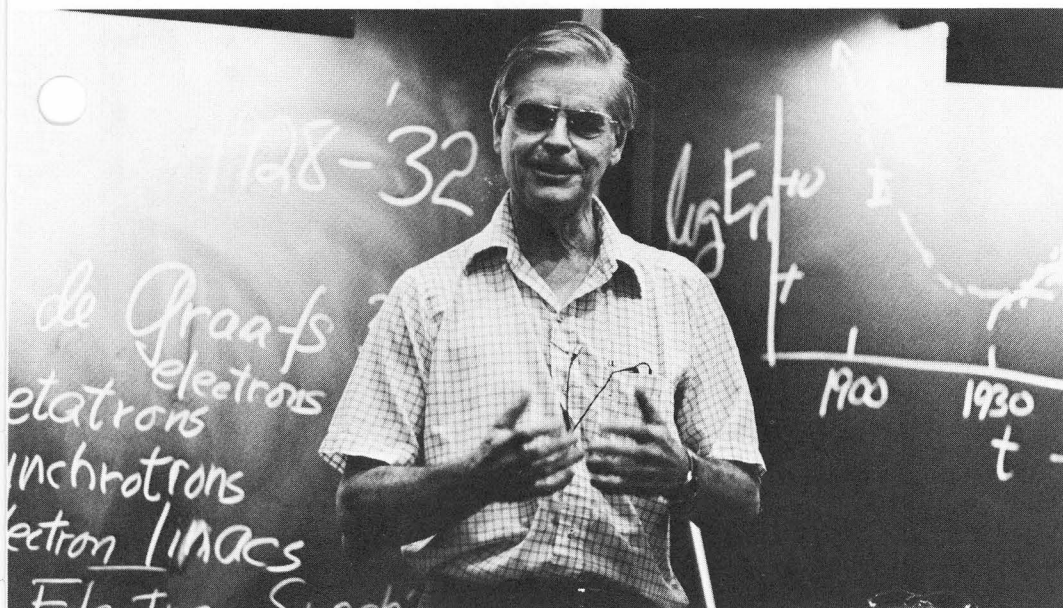
July 23, 1981

The candid scenes from the 1981 Summer School on High Energy Particle Accelerators that appear on this and the next page show the blend of learning and relaxation that has characterized the school during the two weeks it was conducted at Fermilab. The first of its kind ever held in this country, the school took participants from the early days of particle accelerators into the new new frontiers expected in the coming

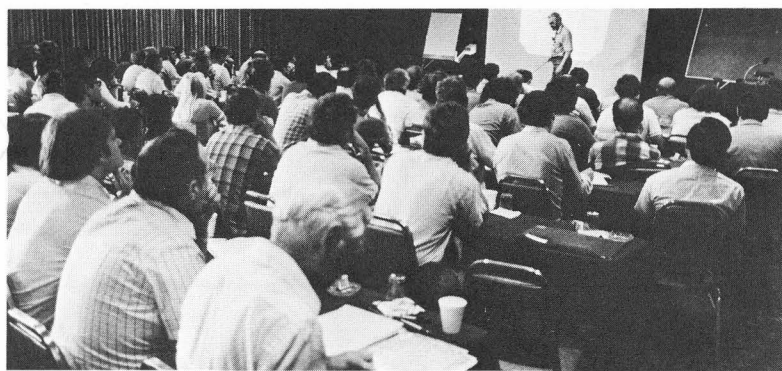
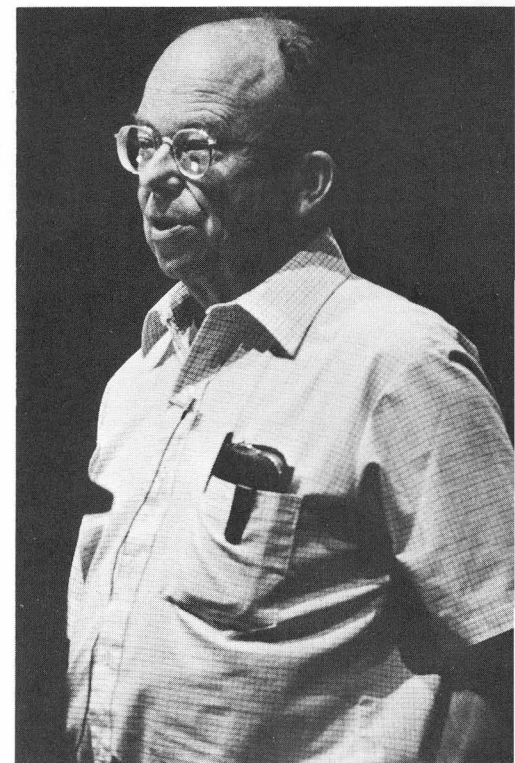
decades. It was a time of renewing acquaintances, exchanging ideas and sharing ambitions. "I am extremely pleased with the large participation by young physicists," said Russ Huson, one of the school's organizers. The organizers of the 1981 summer school extended their thanks and appreciation to the many people who worked together to make the school such an enthusiastic success.



James D. Bjorken of Fermilab lectures about the future.



"Bob" Wilson of Fermilab and Columbia University reaches into the past with personal anecdotes that catch the flavor of the early days of high energy physics.



A classroom scene (left) and W. Panofsky of SLAC (right).



A steam-powered tractor from the early 1900's brewed the hot water that cooked the corn cobs at the buffalo roast. It was Minneapolis engine No. 8306.



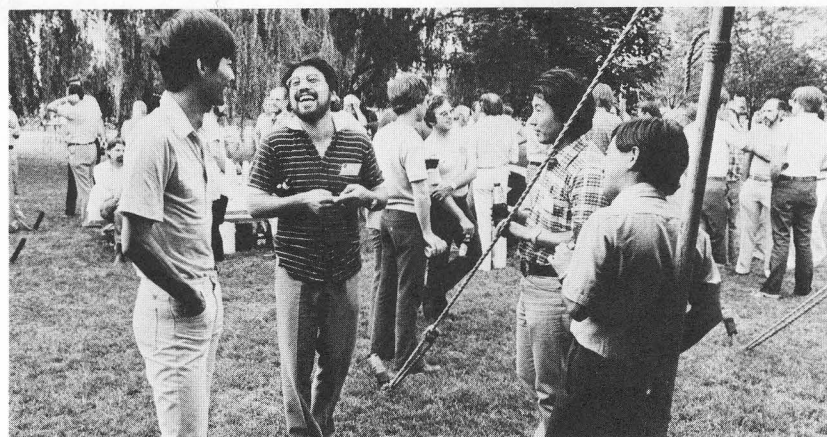
Faces at the buffalo roast.



Summer school participants tour Fermilab.



From left, Angie Velasquez, Joyce Dieter, Helen Thompson, Peggy McAuliff and Jane Pesetski of Fermilab's cafeteria serve food at one of the afternoon picnics.



Relaxing at a picnic in the Village.

FERMILAB ACQUIRES NEW FIRE ENGINE

The acceptance test will tell you about the new fire engine Fermilab recently acquired.

"The new truck was subjected to a three-hour acceptance test," said Chief Ralph Kramp. "It was required to deliver 1,500 gallons per minute at a minimum of 150 pounds pressure for the entire three-hour period. A total of 1,127 tons of water was pumped in the test to meet a performance standard set by the National Fire Protection Association."

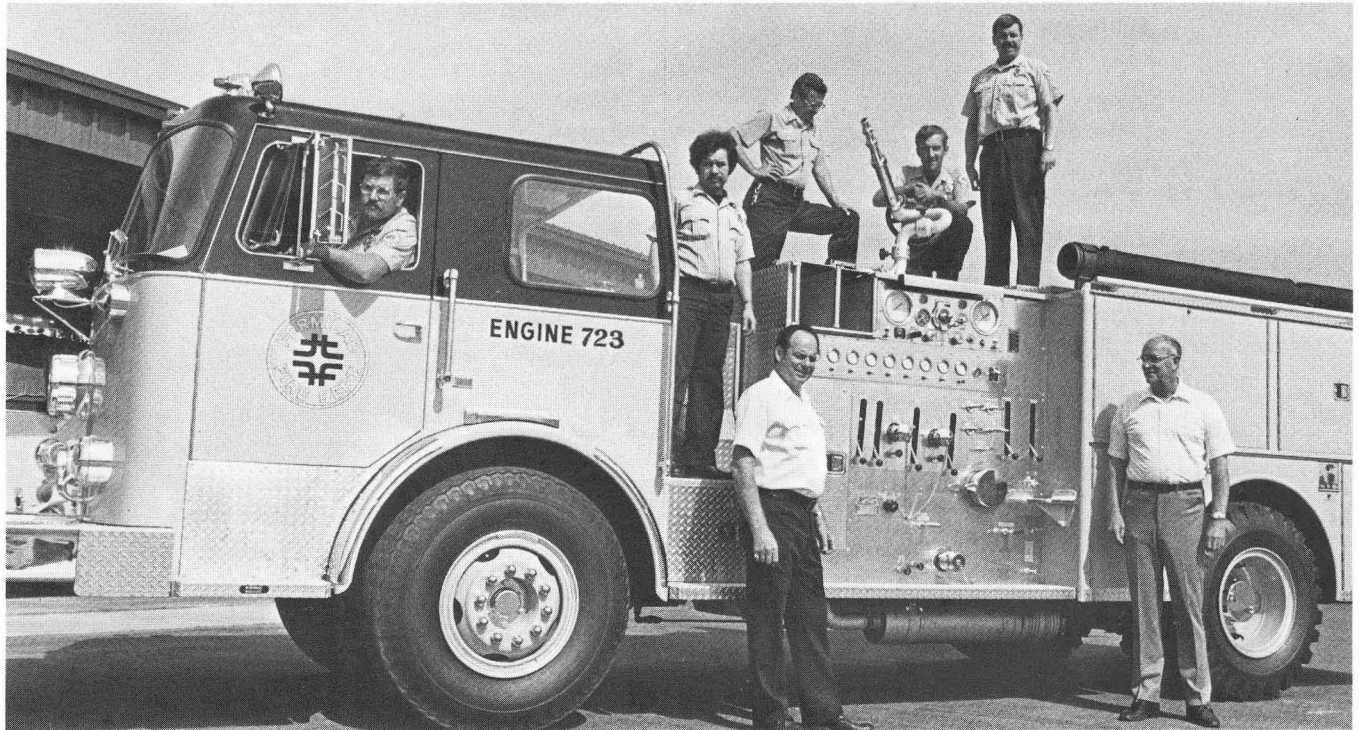
The Laboratory already had two pumping engines, and "when two pumps initially respond to a general alarm, this is considered standard good practice," the chief said. "The third engine ensures two engine responses even during those times when one engine is being repaired or undergoing periodic maintenance. The Department of Energy inspects twice yearly the fire protection capabilities of national laboratories and considers the new pumping

engine to be a significant fire protection improvement."

The chief noted that this custom Seagrave diesel has been on order for two years.

The new engine was in action soon after it arrived. When the deluge of heavy rains came in that final week of May, the engine was called on to rescue the pump house and Casey's Pond, both of which had been flooded. "To prevent additional damage, our new truck pumped water for 16 hours from the pond and pump house into Cress Creek," reported Ralph Kramp, Fermilab's fire chief. "We moved 1,500,000 gallons of water in that time."

The Laboratory maintains a full-time Fire Department with a 24 to 48 hour shift schedule. The department now has three first line pumpers, a fully-equipped rescue vehicle and an ambulance. Department members conduct all fire inspections and suppression system testing.



Members of the Fermilab Fire Department are proud of their new fire engine-- No. 723. On the ground beside the vehicle are Chief Ralph Kramp (right)

and Deputy Chief Ron Grosklaus. The others, from the left, are Dan Jackson, Lt. Jay Luna, Steve Lustig, Joel Hurst and John Babinec.

JUST A HANDFUL OF HOURS AWAY

NALREC's family picnic is almost here--this Saturday (July 25) from 11 a.m. to 6 p.m. at the grounds by the Barn and pool.

It'll be a fun time for everyone--you and your family--with many games and activities as well as food and refreshments. So take note that the picnic is on a Saturday this year, and check your calendar to make sure you

noted it appropriately. According to the many hard-working NALREC members organizing it, this picnic promises to be one of the best ever.

As an added embellishment, three bands will play at Teen Town in the Barn. They are "Hammersmith" from noon to 1 p.m.; "Black Knight," 1:30 to 2:30 p.m.; and "Mark Brant's Band," 3 to 4 p.m.

FERMI MOTION ON TOP

Fermi Motion captured the top spot at the end of the first round of competitive volleyball.

Team	Standings
Fermi Motion	18 points
Diggers	14
Ballbusters	13
Beyond Controls	9
Turkeys	3
Low Blows	3

Team captains are: Fermi Motion, Chuck Ankenbrandt and Keith Meisner; Diggers, Brian Pientak; Ballbusters, Mark Augustine and Bert Yost; Beyond Controls, Jim Zadel and Roger Rice; Turkeys, John Urish; and Low Blows, Tom Droege.

CHEZ LEON MENUS

July 29, 12:30 p.m., \$6--*Cheese Souffle, Salad de Boeuf Vinaigrette, Potato Salad with Bacon and Onions, Mixed Green Salad, Apricot Mousse.*

July 30, 7:00 p.m., \$10--*Sancocho, Red Snapper Filet Caribbean Style, Fresh Green Beans, Yuca, Avocado and Red Onion Salad, Papaya Stuffed with Fruit and Mantecados.*

July 31, 7:00 p.m., \$10--*Chilled Avocado Soup, Hawaiian Chicken Salad, Steak and Lobster, Crepes Ratatouille, Lemon Sorbet.*

For reservations call ext. 3082.

PUBLICATION DATA

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BUSHWACKERS TAKE FIRST ROUND

The Bushwackers captured the first round crown in the Fermilab Softball League. Players are captain Joe Morgan, Jim Jensen, James M. Holloway, Ed Podschweit, Bob Oberholtzer, Harlan Dick, Gary W. Smith, Jack McCarthy, Dave Hornback, Keith L. Coiley, Virgil West, Keith Meisner, William Strickland, Roy Justice, Lloyd Klein, Chuck Hess and Bill Smith.

The second round of play began July 7. Standings at the end of the first round are:

Team	Won	Lost
Bushwackers	7	0
Jedi	6	1
Pleasure	5	2
Magic	4	3
Gamblers	3	4
15-Foot Bubble Chamber	2	5
PREP	1	6

NEXT BLOOD DRIVE

The Aurora Area Blook Bank will hold its next blood drive at Fermilab on Aug. 19. Blood will be drawn from 9 a.m. to 2 p.m. in the conference room, west side, first floor, Wilson Hall.

Anyone who wishes to donate blood should first register the day before, Aug. 18, at the conference room. The sign-up times are 11:30 a.m. to 1 p.m. Dorothy Poll of the Medical office is coordinating the drive. To determine if you qualify to give blood, contact her at ext. 3232.

The blood bank serves 18 hospitals with a combined bed count that exceeds 4,100. The bank meets the complete blood needs of patients in seven counties west of Chicago.