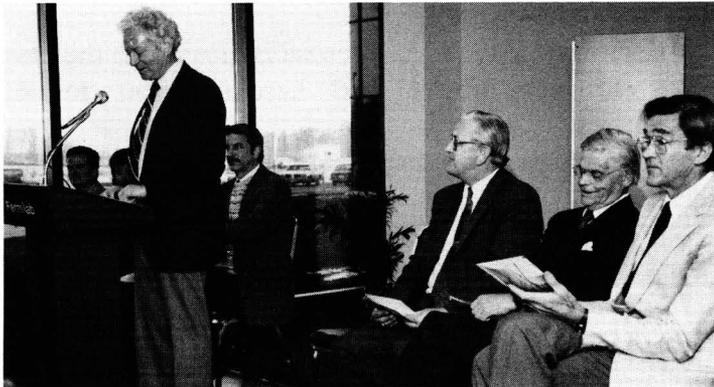


A Day of Celebration Marks Fermilab's 20th Anniversary and the Dedication of the Feynman Computing Center

Fermilab was awash in dignitaries, pomp, and circumstance on December 2, 1988, when the Laboratory acknowledged the past in celebrating the twentieth anniversary of the groundbreaking for the Lab, and looked to the future with the formal dedication of the Feynman Computing Center.

The late Richard P. Feynman (1918-1988), after whom the Center is named, was hailed by Fermilab Director Leon M. Lederman as "one of the giants of our age in theoretical physics. His contributions to the body of our understanding are as many as they are profound. Quantum electrodynamics was perhaps the jewel of his oeuvres, but his ability to teach and communicate were legendary and included Feynman diagrams ('computational power for the masses') and Feynman lectures for college freshmen (and their professors). . . In naming this Center after him, it is our fervent hope that out of this architecturally elegant computer house, good science will emerge which would have pleased him very much."



Leon M. Lederman speaking at the Dedication of the Feynman Computing Center. Behind him on the dias are (l. to r.) Carl Feynman, Gweneth Feynman, Jeffrey A. Appel, Hilary J. Rauch, Robert R. Wilson, and James D. Bjorken. Not pictured: Joan Feynman.

Feynman shared the 1965 Nobel Prize in Physics for his work in quantum electrodynamics. He also formulated the so-called "Feynman diagrams" as a way of visualizing the intricate mechanisms of subatomic physics, and as a guide to the calculations required to describe the basic interaction processes. These calculations are among those done on the computers at the Center.

The dedication ceremony, which began at 12:00 noon at the Center, was attended by Richard Feynman's wife, Gweneth; his son, Carl; and his sister,

Joan. After introductions by the Director, James D. Bjorken, until recently Associate Director at Fermilab and now with the Lab's Theoretical Physics Department, spoke on "Feynman the Physicist." Fermilab Director Emeritus Robert R. Wilson, who served as architectural consultant to the design of the building, reminisced about "Early Days with Feynman." Hilary J. Rauch, Manager of the Department of Energy's (DOE) Chicago Operations Office, delivered "A Word from Our Sponsor," and Jeffrey A. Appel, Head of the Fermilab Computing Department, ended the ceremony with observations on "Building for the Future."

Designated the Central Computing Facility during construction, the Center is now home to the Lab's Digital Equipment Corporation VAX Cluster, the Amdahl 5890/300 scientific computer (soon to be doubled to an Amdahl 5890/600), and various support elements of the Computing Department, such as the Instrument Repair Group, the Data Acquisition Hardware Groups, and the Physics Research Equipment Pool.

Funded by a Congressional Line Item, the project's goals are stated to be a five-fold increase in "the computing capacity available for scientific applications and to provide new space for these and related activities," according to the Department of Energy's description.

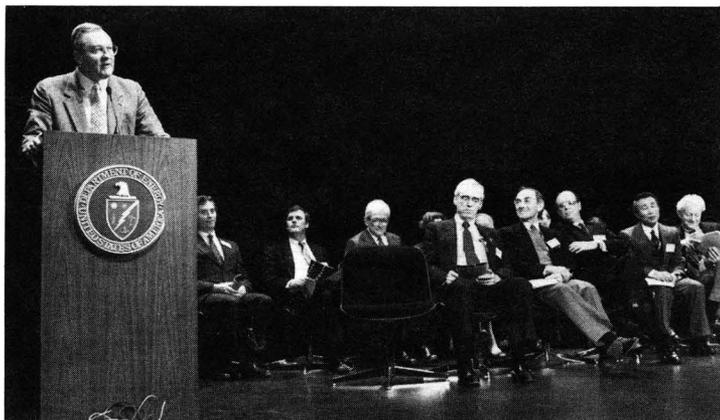
"The new building provides growth space. . . for a decade and beyond," said Appel. "In addition, the facility allows for upgrades without interruption to the current system."



"The Next Twenty Years," the formal segment of Fermilab's twentieth-anniversary observation, began with a luncheon address by Bill Kurtis, WBBM-TV (Channel 2) anchorman, and continued with a program in the Ramsey Auditorium. Leon Lederman again served as master of ceremonies, introducing the invited speakers: Illinois Governor James R. Thompson; Harris W. Fawell, Member of Congress from Illinois' 13th District; Robert O. Hunter, Jr., Director of the DOE Office of Energy Research; Harry Woolf, Chairman of the Universities Research Association Fermilab Board of Overseers; Leonardo Baroncelli, Consul General of Italy; Haruhiko

Continued on page 4

Celebration" continued from page 3



James R. Thompson speaking from the stage of the Ramsey Auditorium. Speakers and members of the platform group shown in the photo include (l. to r.) Fermilab Deputy Director John Peoples; Jeffrey Miller, Thompson's Chief of Staff; Norman F. Ramsey, past President of URA; Harris Fawell; Harry Woolf; Leonardo Baroncelli; Haruhiko Shibuya; and Leon M. Lederman.

Shibuya, Consul General of Japan; and Michael Witherell, Professor of Physics, University of California, Santa Barbara. The program concluded with the first showing of "Water to the Ropes: The Evolution of an Accelerator," a videotape history of the Lab produced by Fermilab Visual Media Services.

And then it was time to party. Fermilab staff, visiting scientists, and invited guests ate buffalo burgers and partook of refreshment while they roamed the Wilson Hall Atrium, which was festooned with paraphernalia evocative of the Fermilab site's prairie history, including a tee-pee, hand-painted old-west street scenes, and "covered wagons," and peopled by square-dancers, Indians, and a country-and-western band.

The food, the fun, and the festoons were pulled together by members of Laboratory Services Section (LSS) Head Chuck Marofske's intrepid party team:

J. Barry, C. Sazama, and B. Burwell of the **LSS/Accommodations Department**, including M. McAuliff, R. Bahr, S. Cannon, J. Dieter, K. Falkner, C. Love, E. Martins, M. Oudt, D. Pegues, J. Pesetski, I. Schramer, O. Smith, E. Stupak, J. Sullivan, H. Thompson, M. Valenzuela, and A. Valesquez of **Food Service**; and C. Bentham, M. Garcia, P. Naber, L. Olson-Roach, M. Snyder, B. Kobiella, D. Lee, I. Corral, H. Jensen, M. Perez, M. Schomer, and J. Snyder of the **Housing Office**.

Representing the **Activities Office** were M. Paul, E. Berry, J. Guyer, and S. Winchester.

The **Business Services Section (BSS)/Buildings Management** crew: P. Loomis, N. Barnes, R. Fonseca, J. Hernandez, R. Skokan, and J. Trevino, as well as the personnel of **Custodial Contract Management**.

From **BSS/Emergency Services**: R. Dorner, and G. Verseput and **Security** contract personnel; **Roads & Grounds** crew members B. Hall, R. Lootens, W. Becker, C. Chandler, D. Cooper, M. Garcia, S. Grumboski, D. Hanson, J. Kalina, R. Kujath, L. LaSourd, B. Needham, A. Parker, J. Plese, D. Shemanski, L. Thomas, O. Trevino, and C. Winders.

LSS/Publications Office services were provided by R. Fenner, S. Hanson, and S. Novack.

LSS/Visual Media Services support came from F. Ullrich, S. Colson, R. Hahn, J. Olsen, and M. O'Toole. L. Johnson and J. Stevens provided **Duplicating** support.

M. Cullen and J. Lemke pitched in from the **Directorate**, as did P. LaVallie from the **Lab Services Section Office**.

Fermilab Artist A. Gonzales provided the designs for the poster and kerchief sent to all employees.

Universities Research Association picked up the check.

The photos (by R. Hahn of Vis. Med. Serv.) on this page and page 5 tell the rest of the story.

(The bulk of the information contained in the Feynman Computing Center Dedication segment of this article was supplied by the Fermilab Public Information Office.) ❁

