

FERMILAB NEWS

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USERS PREPARE FOR ANNUAL MEETING

The 1979 annual Fermilab users meeting will be held April 28 in the Central Laboratory auditorium.

"At this year's meeting, the Laboratory will be defining goals and timescales, including a review of the Doubler project," said Frank J. Sciulli, chairman of the Users Executive Committee and affiliated with the California Institute of Technology.

In the opening session, Sciulli will present a report of the Users Executive Committee. Philip V. Livdahl will give the report of the acting director, and Dr. Leon M. Lederman, Fermilab's director designate, will talk about the Laboratory and its future. Also addressing the group will be Dr. Norman F. Ramsey, former president of Universities Research Association. The afternoon session will begin with a short address by Prof. Milton G. White, newly-elected President of URA.

Other topics that will be discussed include: the Energy Doubler and its design, installation and commissioning; plans for the Tevatron along with plans for the external experimental areas, antiproton source development and plans for the colliding beam detector; and the 400 GeV program along with accelerator operations and the Neutrino, Meson and Proton areas. Also, the users will be brought up to date on the Laboratory's new CYBER 175 computing system.

Fermilab's Users Organization is made up of 955 scientists and engineers currently engaged in high energy physics who anticipate substantial involvement in the accelerator facility and the experimental program at the Fermilab accelerator.

Helping to coordinate the annual meeting are Cynthia S. Reay, administrator of the Users Office, CL-1E, and Phyllis Hale, Users Office secretary.

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...That's Jeannine Birkenmaier, a technician with Experiment 537, sharing her Easter candy eggs with Phyllis Hale in the Users Office...another sign of Spring...

FINAL PLANS FOR WILSON SYMPOSIUM COMPLETE

The Wilson Symposium Committee has completed its plans for one of the major events that will be held this year at Fermilab.

The final program calls for some of the world's most distinguished physicists to speak at the "International Symposium in Honor of Robert R. Wilson" April 27. Dr. Wilson is Fermilab's former director and now Peter B. Ritzma professor at the University of Chicago.

Dr. Leon M. Lederman, director designate of Fermilab, will give the opening remarks. Also appearing on the program will be Wolfgang Paul, Physics Institute, University of Bonn; S. Chandrasekhar, Morton D. Hull distinguished service professor at the University of Chicago; Nobel laureate Hans A. Bethe, professor emeritus at Cornell University; and Victor F. Weisskopf, professor emeritus at the Massachusetts Institute of Technology.

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LIBRARY SERVES FERMILAB IN MANY WAYS



...At your service, L-R, Roger S. Thompson, Julie Zaborowski and May West...

Service above and beyond the call of duty. It has to be called that. Nothing else fits just right.

A request from a physics professor at The Catholic University of America came into Fermilab's library earlier this year asking for a copy of a Fermilab preprint. Unfortunately, the professor couldn't recall the Russian author's name nor any other information about the article. He did, however, enclose two pages from an article with similar figures of electron scattering and multipole vibrations.

Now it was up to the staff of the library to find the article. Did Roger S. Thompson,

NEW ADDITIONS TO LIBRARY

Zeitschrift fur Physik C, Particles and Fields, Vol. 1, No. 1, a journal on original research in experimental and theoretical elementary particle physics.

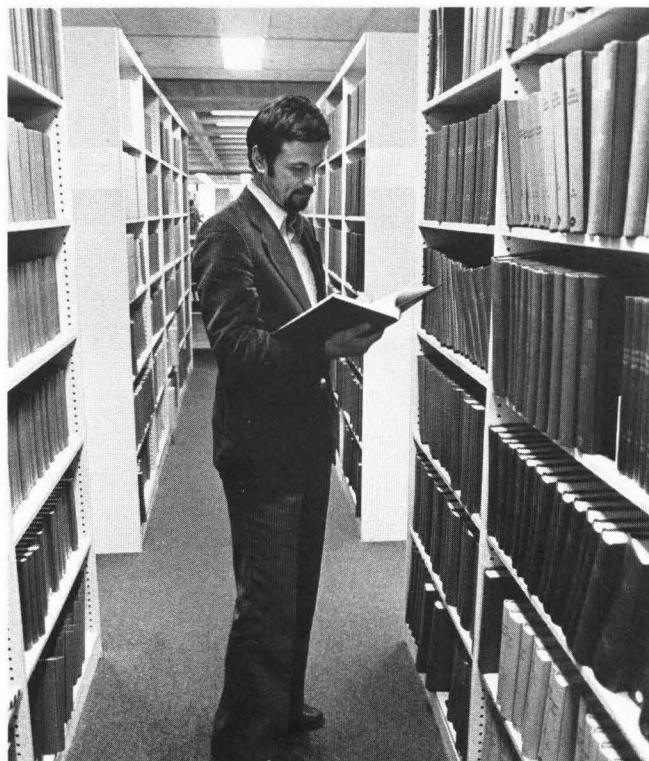
1979 IC Master, a reference volume on integrated circuit elements.

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librarian and head of Technical Information, and librarians May West and Julie Zaborowski find it? They sure did, and in under three days. The preprint turned out to be "Hydrodynamic Model of Collective Resonances in Hadronic Matter," written by Victor A. Matveev of Fermilab and dated June 1976.

By the way, the experimental people said it was a theoretical paper and the theoretical people said it was an experimental paper, recalls Thompson. He has fond memories of the search and is extremely proud of the creative persistence of his staff who tracked the article down.

That's the kind of spirit library visitors will find, perhaps best described as a friendliness and eagerness to help them fully understand what services the library offers. In that limited space on the south side of the Central Laboratory's third floor are neatly and logically arranged 7,200 books, 4,700 bound journals, 9,000 preprints and 6,000 reports: a vast source of up-to-date technical information on a number of subjects, particularly on high energy physics. Not so obvious, however, but nonetheless extremely valuable to Fermilab employees are special files,



...Prof. Harald Fritzsch of the University of Bern examines a bound journal...



...Elliott Treadwell, L, a Fermilab research associate working on Experiment 546, and Herman White, a physicist with the Research Division, exchange ideas...

collections and systems that make the library a major resource for the Laboratory.

The preprint collection--one of the most important parts of the library--with its special retrieval system helps an investigator quickly find what he or she is after and determine if a particular preprint has been published. Proof sheets of photographs taken since 1967--from the beginning of the laboratory--and an accompanying index of photographs listed by experiment number and subject, guide persons pictorially to Fermilab's many activities.

The library has an extensive collection of slides that speakers may use to illustrate their talks. Equipment in study carrels enlarge microfilms for reading and can provide a copy of the image that is on the screen. A section of the library contains proposals for experiments as well as publications of experimental results written by various experimenters.

Getting to know the library and how it works obviously can save a user considerable time, said Thompson. The cards in the main

catalog are color coded: green for volumes available only from a librarian; red for publications that are reference volumes and usually for use only in the library; and white (no color) for all circulating books. The publications along the south wall are divided into preprints, technical journals and non-scientific magazines, sometimes called the cultural section.

The staff maintains a paperback book exchange as well as video-tapes about relevant scientific topics. Interlibrary loans and a history room are more aspects of the library that add to its versatility.

Terminals can reach across the country to tap information contained in data banks at the Stanford Linear Accelerator and at Oak Ridge. Eventually the library will have the capability to tie into commercial data banks.

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..Pat Olek, a secretary in Theoretical Physics, reads microfilm...

NUCLEAR ACCIDENT REPORT IN LIBRARY

An analysis of the Three Mile Island nuclear accident is available in the Fermilab library. The special report was prepared by the American Nuclear Society and published in the April 6, 1979, issue of Nuclear News.

Science Magazine also carries a report of the incident in its April 13, 1979 issue.

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THANK YOU BRIAN JONES

March 28, 1977
 Patricia C. Zack
 Fermi National
 Accelerator Laboratory
 P.O. Box 500
 Batavia, Illinois 60510

Dear Miss Zack,

Thank you for the tour
 of Fermilab. I'm the 7-year-old
 boy that came for a tour on
 Monday with my Grandmother,
 and I really, really, really,
 REALLY liked it!!!!

...Winds in excess of 60 miles per hour recently blew over Fermilab's unofficial Christmas tree located at the north end of the Linac building. Members of the roads and grounds crew work to set it upright. They are, L-R, Mike Becker, Jim Kalina and Cornelius Chandler...

ENERGY CONSERVATION BOOKLET AVAILABLE

"Tips for Energy Savers," a 30-page booklet, is available free in Fermilab's Public Information Office.

Distributed by the U. S. Department of Energy, the booklet is filled with energy saving ideas for use in and around the home, on the road and in the marketplace.

President Jimmy Carter, in a letter published at the beginning of the booklet, calls the energy crunch the most serious domestic challenge Americans are likely to face in their lifetimes.

Overall, the booklet is divided into three major sections: "How to Save Energy and \$\$\$ at Home," "On the Road" and "In the Marketplace." The major thrust of the booklet is on saving energy at home.

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What I liked best was the
 Cockcroft-Walton pre-accelerator
 I also like the folder you gave me
 Thank you

Sincerely,

Brian Jones

2060 Pokeberry Court,
 Valparaiso In. 46383

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