FERMINEWS

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LEDERMAN STRESSES IMPORTANCE OF TWO-DAY, THREE-PART PROGRAM HERE

Leon Lederman, Fermilab director, opened a two-day program here by emphasizing the importance the talks and discussions will have on the future of high energy physics.

The events consisted of a workshop on hadron and photon physics at 1 TeV, May 1; the Fermilab users annual meeting, May 2; and the meeting of the Woods Hole Subpanel of the High Energy Physics Advisory Panel, May 1 and 2.

In welcoming the participants to Fermilab and the sessions, Lederman stressed the importance the Woods Hole Panel will have on the "future of our field during the next 10 years." He said there is a connection between the physics now being discussed and long range policy.

The director also said many realistic philosophical questions face the physics community in the years ahead. Some that will need evaluation include: Will there be enough experimentalists? Are experiments becoming too costly and complex, with 20 to 30 scientists per experiment now? Is the utilization of laboratories and experiments realistic?

Lederman identified three broad areas of high energy physics that will be getting evaluation. The first is the near term future, that is, the physics expected to be conducted in the next few years. The Energy Saver and ISABELLE are examples. The second is the 1982-83 period, with Fermilab's Tevatron phases I and II as examples. The final broad area is the physics that will be conducted beyond 1984, when energies may reach into the 5 TeV range, particularly at Fermilab.

The issues physicists must consider are the opportunities, costs, goals and schedules, and "hopefully they will take into account the winds that blow from Washington," Lederman said.

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PHYSICISTS ENTHUSIASTIC ABOUT FUTURE

J. D. Bjorken, Fermilab physicist, and Sam Treiman, member of the Woods Hole Subpanel of the High Energy Physics Advisory Panel, looked into the unfolding decade with a critical eye and both found abundant opportunities for substantial and creative physics.

Speaking at the Fermilab users annual meeting here, Treiman said it might surprise some members of the audience to discover there is "a growing divergence between scientific opportunities and the resources to exploit them." However, he added this did not dismay him, and he finds physics in a state of "high excitement."

He described for the users the mission and responsibilities of the panel, pointing out he and other panel members must "look at the bigger view" and examine in great detail what some might regard as "pompous general questions." He then left the stage in the Central Laboratory auditorium to sit in the audience while John P. Rutherfoord, chairman of the Users Executive Committee, moderated a frank and far-reaching discussion by committee members and other users about what they believe priorities in this country should be in the coming years.

Bjorken, a theorist, also addressed the users, but he spoke from the world perspective, giving his own views about what physics to expect from the new machines that will be coming on line in the next several years. He carefully developed in detail what he called a "standard scenario," then pointed out the things that "can change the direction of the field." Among these he listed proton decay, forbidden decays, fractional charge does not exist in matter, unexpected dynamics, expected particles absent and five others. "How does Fermilab fit in?" he asked. And answering his own question, he said, "The Fermilab program is relevant at a 10-year time scale."

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SAFETY COMMITTEE TAKES HARD LOOK AT PARKING VIOLATIONS

The Laboratory Safety Committee is taking a hard look at parking violations.

At their last meeting, committee members expressed their concern about continuing parking violations. "Many employees complain about apparent disregard for the rules," said John Paulk, head of Site Services. "Safety also is involved because fire lanes and building exits are frequently blocked."

The committee decided that the current method of handling parking violations should be continued. Tickets will be placed on the windshield of any car improperly parked and a copy sent to the Safety Section. However, instead of sending the traditional admonishing follow-up letter to the vehicle's owner, these letters instead will be sent to the owner's supervisor. "It was felt that the supervisors are in the best position to deal with repeated offenders," Paulk said.

The committee also endorsed the practice of towing vehicles that are parked outside designated spots and are considered a traffic or fire protection problem. Towing, in these cases, will be initiated by the Security Office.

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RAMSEY BECOMES CHAIRMAN OF AIP GOVERNING BOARD

Dr. Norman F. Ramsey, president of Universities Research Association Inc., has been elected chairman of the Governing Board of the American Institute of Physics.

Higgins professor of physics at Harvard University, Ramsey succeeds Dr. Philip Morse, Massachusetts Institute of Technology who had been chairman for five years. Dr. John C. Johnson, professor of physics at Penn State University, was elected the new secretary of the AIP. He succeeds Dr. Sidney Millman, formerly of Bell Laboratories, who had served in that post since October 1974.

BIRTH

Jana Margaret was born at noon to Peter M. and Rebecca McIntyre April 16 at Community Hospital, Geneva. McIntyre is group leader of the Internal Target Group.

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EVERYONE INVITED TO SYMPOSIUM

"We extend an invitation to everyone at Fermilab to attend the International Symposium on the History of Particle Physics," said Laurie M. Brown, physicist and historian at Northwestern University and one of the principal organizers of the symposium.

It will be held May 28-31 in the Central Laboratory auditorium.

The lectures are free and open to the public; however, fees will be charged for the social events and meals. The symposium Organizing Committee needs to know how many people to expect at the various lectures and functions. Therefore, it has asked interested participants to fill out the information form below and return it to Lillian Hoddeson, symposium secretary and another principal organizer, Fermilab, mail station 109 (library, CL-3S).

I (and friends) will attend:

	Number
Session, P.M. May 28	☐
Session, A.M. May 29	☐
Session, P.M. May 29	☐
Session, A.M. May 30	☐
Session, P.M. May 30	☐
Session, A.M. May 31	☐

	Number	Cost
Cocktails, May 29, $5.00 each person	☐	_____
Banquet, May 29, $15.00 each person	☐	_____
Wine-buffet, May 30, $10.00 each person	☐	_____
Concert, May 30, $5.00 each person	☐	_____
	TOTAL COST	_____

☐ I enclose TOTAL COST listed above.

☐ I enclose $50.00 for one full registration covering all events and the proceedings.

☐ I will submit the fee later, but before May 15.

EMPLOYEES HELP TELL ABOUT FERMILAB

During April, a number of Fermilab employees helped the Public Information Office tell about Fermilab and high energy physics as well as conduct tours.

Ray Stefanski gave a general orientation to the Downers Grove Kiwanis Club April 15. John O'Meara spoke on April 21 to The Sierra Club of DuPage County on new developments in nuclear physics; and George Biallas represented Fermilab at Geneva High School's career day April 22.

Helping PIO with tours were Bernard Assell, Joe Biel, Charles Briegel, David Carey, John Ernwein, Bob Flora, David Harding, Frank Hendrickson, Dave Johnson, Jack Lockwood, Tom Peterson, Roger Rice, Sue Shaver, Dan Smith and Irene Wolff.

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FIRST 1980 BABY BUFFALO

Fermilab's first 1980 baby buffalo--a male--was born early the morning of April 29, reported Vic Kerkman, the Laboratory's unofficial buffalo caretaker.

The site's popular buffalo herd now totals 45. Thirty-three head are located at site 52. These are two mature bulls, 24 mature cows, one 2½-year-old heifer, three 1-year-old heifers, two 1-year-old bulls and the new-born bull calf. Site 50 contains 12 head. These are two 2-year-old bulls, one 2-year-old heifer, three 1-year-old bulls and six 1-year-old heifers. The count was taken April 29.

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NEXT COLLOQUIUM SPEAKER

Dr. Kosta M. Tsipis, Massachusetts Institute of Technology, will speak May 14 at the Fermilab Physics Colloquium on "Strategic Vulnerability: The Interference Terms Between Prudence and Paranoia." His talk will begin at 4 p.m. in the Central Laboratory auditorium.

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SOFTBALL LEAGUE READY TO PLAY

Eight teams have been organized to battle it out in the Fermilab 16-inch Softball League.

Play will begin May 20 at the baseball diamond in the Fermilab Village. Games will be played at 5:15 and 6:45 p.m. Tuesdays and Thursdays. The teams and their captains are Satalites, Fred Walter; Bubble Chamber, John Urbin; X-Gallery, Rudy Gonzales; Horny's Bushwhackers, Dave Hornbeck; D V 8's, Glenn Smith; Receiving, Don Stanley; Lab. 5, Jim Wright; and Downtime 95, Ike Sykes.

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SPECIAL NOTICE

Please put only computer punched cards in the recycling receptacle in the lower level of the Central Laboratory, asked Albert L. Lindner Jr., property management supervisor with Support Services. The Laboratory is paid by a vendor for those used cards. Any time other items are put in the container, they must first be removed, he explained. And this costs the Laboratory time and money.

"Rejected Bridegroom" performers (L-R) Judith Inglis, John Nelson, Stephanie Tisheff and Tony Tamburello.

NEW YORK LIGHT OPERA TO PERFORM AT FERMILAB

The New York Light Opera will perform "The Rejected Bridegroom" and "With a Straight Face" at Fermilab May 30.

The program will begin at 8:30 p.m. in the Central Laboratory auditorium. Tickets are $5 each and may be obtained at the ticket sales desk in the atrium, Ext. 3353. Seating is reserved.

"The Rejected Bridegroom" by Offenbach is about a bride who must keep her husband out of her room because a strange man has accidentally gotten in. Arthur Roberts, a physicist formerly with Fermilab, translated the operetta for the company.

A medley of songs in operas from 1866 to 1928 forms the framework of "With a Straight Face." Some of the music the audience will certainly recognize include "Indian Love Call" from Friml's "Rose Marie" and "You Naughty, Naughty Men" from "The Black Crook." Raymond Ericson in the New York Times described the two operettas as "a captivating double bill."

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CREF UNIT VALUES FOR 1980

The College Retirement Equities Fund (CREF) unit values for the first quarter of 1980 are:

Jan. 31, $45.37; Feb. 29, $44.59; and March 31, $40.33.

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TILLERS AVAILABLE FOR FERMILAB GARDEN PLOTS

Earth tillers are available for rent from Fermilab, but they must be used only on site at the renter's garden plot, said Bud Stanley, building manager.

The rental fee is $5 for each day. The tillers will have gasoline in them when they are picked up, and they should be returned with gasoline, Stanley added. For rental arrangements and additional information, call the building management office at Ext. 3421.

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SEASON MOVIE PASSES MAY BE OBTAINED

The Fermilab International Film Society is now offering season passes at considerable savings for its 1980-81 season.

Savings amount to 33% below the regular ticket prices. A regular pass costs $15 (a $22.50 value) and will admit a moviegoer to all of the films except those shown during three special weekends. The special pass costs $25 (a $40.50 value) and includes admission to all movies including those run during the special weekends.

These passes will be on sale in the Central Laboratory auditorium lobby before each film. They also may be purchased at the ticket sales desk in the atrium through June 21.

For this upcoming season, the Society has organized three special weekends, each with a particular theme. The movies shown on June 20 and 21 explore the recent renaissance in German cinema. On Aug. 22 and 23, the Society takes a retrospective look at the films of Howard Hughes. The films of John Ford are featured Oct. 10 and 11.

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ANYONE FOR TENNIS LESSONS?

Fermilab will offer tennis lessons this season as part of its recreation program.

They will be taught by Pat Morgan of the Norris Recreation center, St. Charles, June 2 to July 23.

Lessons for beginners will be held from 5 to 6 p.m. on Mondays and those for advanced beginners and intermediate players will run from 5 to 6 p.m. on Wednesdays. The fee is $25 per person for eight one-hour lessons. Each class size is limited to eight pupils.

To register, contact Helen McCulloch, recreation program coordinator, Ext. 3126.

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A tennis ladder will be organized this summer. Interested players may sign up by calling McCulloch.

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CHEZ LEON MENUS

Tuesday, May 13 - 7:00 p.m. - $8.00

Artichauts au sauce hollandaise
Steak au poirire
Haricots verts au naturel
Gratin dauphinois
Tomatoes ala provencale
Mousse au chocolat

Wednesday, May 14 - 12:30 p.m. - $4.50

Greek salad
Moussak moussaka
Baklava

Thursday, May 14 - 7:00 p.m. - $8.00

Watercress soup
Broiled salmon steaks with garlic and herb butter
Julienne of carrots and green beans
Swiss roste
Escarole and romaine salad
Pineapple stuffed w/fresh fruits & rum

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"STRAIGHT TIME"
Presented by Fermilab International Film Society

Friday, May 9 — 8 p.m. — Central Laboratory Auditorium

Gifted actor Dustin Hoffman directed by Ulu Grosbard portrays a man who is released after serving six years for armed robbery. He is unable to handle the pressures society places on an ex-convict and returns to crime. "A film of grim wit, uncommonly interesting.. vividly staged," reported Vincent Canby in the New York Times.

Color — 107 minutes — Rated R — Adults, $2

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