

# FERMINEWS

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## SEMINARS TO COVER PARTICLES AND COSMOLOGY

Seven seminars will be given at Fermilab covering the general theme of particles and cosmology.

About the middle of this decade, Fermilab expects to be able to slam 1 TeV protons into 1 TeV antiprotons for center-of-mass collisions of 2 TeV, the most powerful ever created by scientists. These energy levels are so high that for the moment they remain the playground of theoreticians.

In order to gain some hint of what may happen when particles of those energies collide, Fermilab has organized this series of seminars devoted to the connections between particle physics, cosmology and cosmic rays.

Two of the seminars already have been given. They were Prof. James Peebles of Princeton University, who spoke on Oct. 29 about "Cosmology, New Physics and Old," and Prof. William Fowler of the California Institute of Technology, who spoke on Nov. 5 about "Nucleosynthesis in Supernovae."

The remaining five lectures are: Prof. Tom Gaisser, Bartol Research Foundation, University of Delaware, "Particle Collisions Above 10 TeV as Seen in Cosmic Rays," December, -(he will give four talks);

Prof. David Schramm, University of Chicago, "Neutrinos and the Big Bang," Jan. 14, 1981;

Prof. Malvin Ruderman, Columbia University, "Elementary Particles and Superdense Matter," Feb. 12;

Prof. Gordon Baym, University of Illinois, "How Can We Learn About Particles From Neutron Stars," March 11;

Prof. Steven Weinberg, "The Very Early Universe," sometime in April.

More specific information about these presentations will be given in FERMINEWS prior to each lecture.

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*From left, Saul Cepeda, Graciela Finstrom, and Bill Wickenberg.*

## THREE TO SERVE AS OMBUDSMEN

Two Fermilab employees have been selected to serve as ombudsmen for one-year terms. They are Graciela Finstrom and Bill Wickenberg.

Saul Cepeda, already an ombudsman, has agreed to continue to serve for another six months. The three ombudsmen can be reached personally at Ext. 3585 for Cepeda; 4316 or 3354 for Finstrom; and 4459 for Wickenberg.

In addition, each of the ombudsmen will be available for employees in a private conference room in the northeast area of the eighth floor, Wilson Hall, from 11:30 a.m. to 12:30 p.m. Cepeda will be at the conference room on Tuesdays, Wickenberg on Wednesdays and Finstrom on Thursdays and Fridays.

The overall mission of an ombudsman is to listen to problems of employees and attempt to open up channels of communication that will ultimately lead to just and viable solutions, explained Cepeda. More specifically, the Fermilab guidelines for an ombudsman say that an "ombudsman will be available to receive complaints and questions from any Fermilab employee re-

(Continued on page 2)

(Continued from page 1)

garding any problem related to the operation of the Laboratory or to the employee's relationship to the Laboratory."

The guidelines also say that an "ombudsman has authority to investigate all complaints or irregularities, generally has access to necessary information and should have the cooperation of all staff members. The ombudsman will, when requested, protect the confidentiality of information that is made available.

"It is envisioned that, after properly investigating complaints, rumors, misunderstandings and/or irregularities, the ombudsman will develop recommendations for the resolution of the problems which have been referred to him or her, preferably through normal channels. Recommendations can be made at whatever levels seem appropriate, up to and including the directorate."

Ombudsmen are appointed by the director and deputy director and report to the directors.

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#### NUTRITION SUBJECT OF FERMILAB TALK

Jeannette C. Schneider, a registered dietitian and nutrition coordinator with the DuPage County Health department, will speak at Fermilab Nov. 12.

She plans to speak about nutrition basics with the focus on individual needs. The talk will begin at 11:30 a.m. in Wilson Hall auditorium and last for about an hour. A question and answer session will follow her talk. Schneider's appearance here is sponsored by the Fermilab Medical Department and is another in its series of talks aimed at promoting better health among employees.

The speaker has been with the county health department for four years. She was awarded her bachelor of science degree in foods and nutrition by the College of St. Elizabeth in New Jersey. Her master's degree in nutrition was earned at New York University.

She is a member of the American Dietetic Association, Illinois Public Health Association, DuPage County Cooperative Extension Executive Council and the West Suburban Dietetic Association, of which she is president-elect.

Dr. Charles A. Lang, Fermilab's physician, is coordinating the series.

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#### JOHN DEUTCH TO SPEAK HERE

John M. Deutch, former undersecretary with the Department of Energy, will give a special colloquium at Fermilab Nov. 11.

Professor of chemistry at the Massachusetts Institute of Technology, Deutch's talk will be on "Energy Issues in the 1980's." It will begin at 3 p.m. in Wilson Hall auditorium.

When Deutch was with DOE, he served as director of the Office of Energy Research. In this position, Deutch negotiated an agreement with the Office of Management and Budget to keep support of high energy physics constant at a level of \$300 million (1979), escalating each year with inflation. This became known as the "Deutch Plan," and it had the beneficial effect of stabilizing the high energy physics budget for the first time since 1967. In a feat of administrative tour de force, Deutch managed to add almost \$10 million to the Fermilab budget in fiscal year 1979 and 1980.

From 1961 to 1965, he worked on systems analysis in the Office of the Secretary of Defense. The next year he was a consultant for program analysis in the Bureau of the Budget.

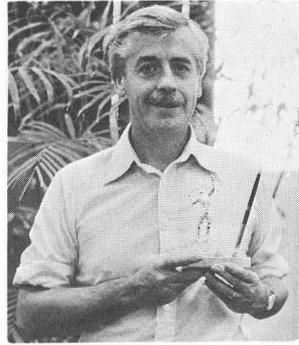
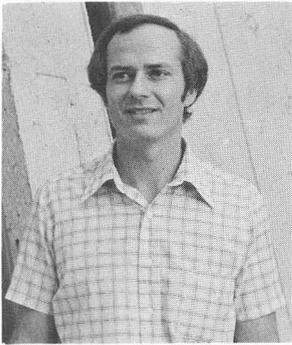
Deutch served on the Defense Science Board and the Army Science Advisory Panel. He also has been an editorial board member of Annual Review of Physical Chemistry and Chemical Physics.

The speaker became an assistant professor of chemistry at Princeton University in 1966 and remained at that institution for three years. He joined the MIT faculty in 1970 as an associate professor. Before his leave of absence from MIT to work at DOE, he was chairman of the Chemistry Department, accepting the position in 1976.

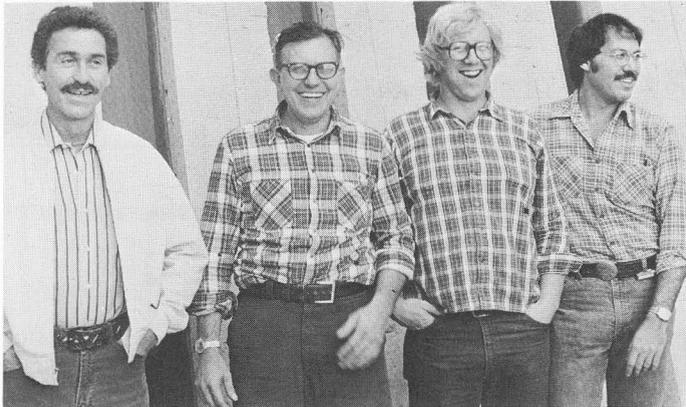
Born in 1938 in Brussels, Belgium, Deutch became an American citizen in 1946. He earned his bachelor's degree in history and economics at Amherst College and in 1961 a bachelor of science degree in chemical engineering at MIT. Four years later, he was awarded a Ph.D. in physical chemistry by MIT. The National Bureau of Standards accepted him as a post-doctoral fellow.

He has many technical publications to his credit. His areas of expertise and research interests include liquids, transport processes, light scattering and polymer theory. Deutch was awarded an honorary degree of doctor of science by Amherst College in 1978. \* \* \* \* \*

I N T H E W I N N E R ' S C I R C L E



*Rich Krull (above, left), first place, and Jim Walker (above, right), runner-up, in the Fermilab tennis tournament, A-division. In photograph at right, Bob Oudt (left), first place, and Frank Kleber, runner-up, in B-division*



*From left Don Tinsley, Gerry Czop, Frank Juravic and Joe Lazzara, first place team in the Fermilab Monday Night Golf League.*



*From left Bob Scherr, Marty Solis, Al Guthke and Bill Strickland, first place team in the Fermilab Wednesday Night Golf League.*

*1980-81 committee members for the Fermilab Golf League. From left Holly Clark, Vic Kuchler and Marty Solis. Not shown, Norb Lesnieski and Tim Gierhart.*





...Angie in action...

SUPER DAY FOR ANGIE

Anyone familiar with bowling knows that a series score of 621 is an outstanding performance. And Angie Velasquez can claim that distinction with three consecutive games of 234, 226 and 161.

She accomplished the feat Oct. 20 during competition with the Fermilab (Monday night) Bowling League. She's a member of the Whatever's team, one of 12 teams in the Monday league.

Angie, who works in the cafeteria, has been with Fermilab five years. Her interest in the sport was fired up when a friend took her bowling about six years ago.

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SHARE DRAFTS AVAILABLE AT CREDIT UNION

The Argonne Credit Union's new service, share drafts, is available at the Fermilab branch.

Share drafts are in many respects similar to checks and may be used to pay bills and make purchases. With a credit union share draft plan, the money in a member's account earns interest. There's no monthly service charge and no minimum balance required. Additional details may be obtained by contacting the Fermilab Credit Union branch at Ext. 3293, WH1W.

HOLIDAY PARTY SEASON  
OPENS WITH FALL COLLAGE

NALREC's ever popular Fall Collage will open the holiday party season at Fermilab.

The collage will be held Nov. 21 in the Village Barn from 5:15 to 10 p.m. A variety of live music will be played from 6 p.m. Hot food will be served.

This also is the time of NALREC's annual raffle. Gift certificates worth \$10 toward groceries will be raffled off throughout the evening. Tickets for the raffle may be purchased from NALREC members. They may be obtained also at the party.

For additional information, contact Nancy Shanahan, Ext. 4665, or Pat Yost, Ext. 4365.

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CHEZ LEON MENUS

Wednesday, November 12, 12:30 p.m. \$6.00

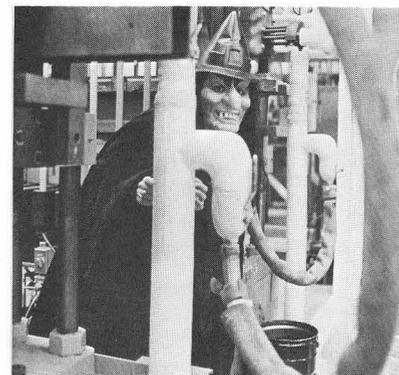
Fresh pumpkin soup  
Seafood crepes w/cream & sherry sauce  
Chicory and escarole salad  
Pecan-Praline frozen souffle

Thursday, November 13, 7:00 p.m. \$10.00

Spinach and gruyere souffle  
Stuffed filet of sole  
Braised pearl onions and peas  
Mixed fresh salad  
Crepes stuffed w/blueberry mousse  
and raspberry sauce

Chef Tita Jensen has returned to the Chez Leon. Tuesday night dinners will no longer be offered.

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...Halloween at Fermilab...