

PLANS PROGRESS FOR 1983 CONFERENCE



Program sessions and speakers are worked out by the full program committee at their meeting on October 22. Pictured working around the table (clockwise from the 12 o'clock position) are Fred Mills, Fermilab; Boyce McDaniel, Cornell; Mel Month, DOE; Helmut Wiedemann, Stanford Linear Accelerator Center; Rolland Johnson, Fermilab; George Trilling, Lawrence Berkeley Laboratory; Chuck Ankenbrandt (face), Fermilab; Horst Foelsche (face), Brookhaven National Laboratory; Don Edwards, Fermilab; Ernest Courant, Brookhaven; Ernest Malamud and Lee Teng, both Fermilab; Andrew Sessler, Lawrence Berkeley; Russ Huson, Rene Donaldson, and Tom Collins, all Fermilab. Missing from the photo are J. D. Bjorken and Phil Livdahl, Fermilab; Doug Stairs, McGill University; Burt Richter, SLAC; and Robert Wilson, Columbia University.

Next August Fermilab will host the 12th International Conference on High Energy Accelerators, a prestigious international conference held every three years and rotated between the United States, Russia, and Europe. The conference was last held in Geneva, Switzerland, in 1980, and in this country at the Stanford Linear Accelerator Center in 1974. It has never been held in the Chicago area.

The Fermilab organizing committee began planning in April for the six-day conference to be held August 11-16. It will attract between 300 and 400 international scientists, engineers, and students. Helping Russ Huson, Conference Organizer, to plan this event are the following Fermilab employees: Chuck Ankenbrandt and Fred Mills, poster sessions; Lee Teng and Ernie Malamud, invitations; Marilyn Paul and Don Young,

accommodations; Rolland Johnson, Don Edwards, and J. D. Bjorken, scientific secretaries; Don Beatty and Bruce Chrisman, business and budget; Joan Bjorken and Cynthia Sazama, social and food; Anne Burwell, registration; Frank Cole and Rene Donaldson, publications; Jackie Coleman, Director's Office; Tom Collins, lecture rooms and auditorium; Angela Gonzales, design and exhibits; Sue Grommes, typing; Peggie Roberts, secretarial; Tim Toohig, tours and buses. In addition to these individuals, the conference has an International Scientific Advisory Committee to assist them.

Attendance at this conference is by invitation which may be obtained by writing to Rene Donaldson, the Conference Secretary. Abstracts for 20-minute selected talks, posters, and publish-only papers are
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due May 1. A limited number of papers will be selected in each category. The program committee has included a session on detectors and interaction regions, in addition to sessions on proposed and operating facilities and accelerator physics. For more program information, contact Russ Huson or Rene Donaldson.

FERMILAB COLLOQUIA

Today...

"Compilation for the Supercomputers of Today and Tomorrow," by Professor David Kuck, Department of Computer Sciences, University of Illinois, will be presented at 4 p.m. in Ramsey Auditorium. A brief survey will be given of today's commercially available supercomputers and some thoughts will be presented about those of the future.

• Wednesday, November 17...

Dr. Al Clark, National Bureau of Standards, will present, "Future of Superconductivity," at the Engineering and Physics Colloquium at 4 p.m. in Ramsey Auditorium. A brief history of superconductivity will be presented as a basis for projecting its future role.

Thursday, November 18...

Mr. William Sippach, Nevis Laboratories, will present "Data Driven Processing" at the Advanced Computer R&D Seminar at 4 p.m. in Curia II.

GOVERNOR PICKS SCIENTISTS



Gov. Thompson (left) greets Frank Cole.

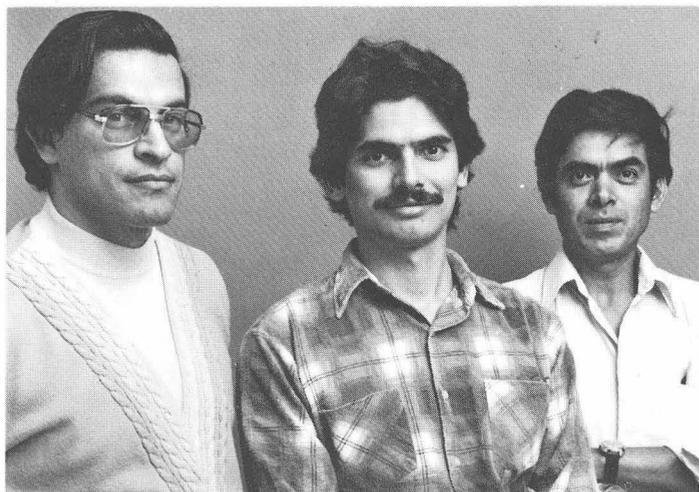
Fermilab physicist Frank Cole and Director Leon Lederman have been appointed to Governor James Thompson's Commission on Science and Technology (see October 28, 1982, issue of **Ferminews**). The commission's task is to establish a long-range plan to stimulate high-technology industry in Illinois, to facilitate the implementation of the plan, and to monitor the results.

DOE PROCUREMENT AWARD PRESENTED TO FERMILAB



Left to right Jim Miller, Andy Mravca, and Ron Zeitler, DOE, and Dick Auskalnis (Purchasing), Bruce Chrisman (Business Services), Leon Lederman, Director, and Ed West (ContPacts) of Fermilab display DOE award in recognition of Fermilab's procurement programs to assist small disadvantaged businesses. Each year the Secretary of Energy recognizes those organizations that have demonstrated exceptional performance in carrying out procurement programs to assist small disadvantaged businesses.

LEDERMAN PROPOSES PAN AMERICAN COLLABORATION



Latin American theoretical physicists (left to right) William A. Ponce, Director of the Physics Graduate Program at the Universidad de Antioquia, Medellin, Colombia; Rodrigo Huerta from Centro de Investigacion y de Estudios Avanzados del Instituto Politecnico Nacional, Mexico; and Arnulfo Zepeda, Director of the Physics Graduate Program at Centro de Investigacion y de Estudios Avanzados del Instituto Politecnico Nacional, Mexico.

An "Office of Pan American Collaboration" (OPAC) was proposed earlier this year by Director Leon Lederman at a Latin American symposium in Mexico attended by ten Latin American countries. The goals of this proposed collaboration would be to explore the possibilities of increased cooperation with the United States in the form of providing assistance to groups interested in becoming users of high-energy physics facilities and to provide a stimulus to scientists in any field of physics who would benefit from exposure to advanced technology associated with accelerator building and high-energy laboratories. Implicit in these objectives was the assumption that a strong physics capability is a necessary component in the potential for technological development. At the present time, Latin America has approximately 2000 Ph.D. physicists for a population of 350 million. Based on U. S. statistics (25,000 for 200 million), one might expect 30,000 Latin American physicists.

Progress has been made as evidenced by the various meetings and the above-mentioned symposium that took place in Cocoyoc, Mexico, on January 5-7, 1982.

This symposium demonstrated that there was a viable Pan American community of high-energy physicists. In addition to the symposium, a fast electronics laboratory has been started at the National University of Mexico, and Mexico is currently collaborating on high-energy physics experiments at Fermilab and Brookhaven National Laboratory. There is also a small collaboration between Mexico and Fermilab on
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PINE ST. - KIRK RD. LIGHT!



On hand for the long-awaited traffic signal "activation" are (left to right) Bud Stanley, Fermilab Buildings Manager and alderman for Batavia's first ward, John Paulk, Head of Site Services, and Paul Sheets, Assistant Public Works Director for Batavia.

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an accelerator project. Fermilab is also collaborating with the University of Honduras on setting up a physics laboratory for small experiments. Back issues of **Physical Review** and **Physical Review Letters** have been sent to the libraries at various Latin American institutions, and we have established a mechanism for assisting Latin American institutions in the purchasing of scientific equipment (Colombia and Peru). Several Latin American theorists have come to Fermilab for short stays, and Fermilab is anxious to receive both physicists and engineers when these visits would benefit the sending institution. Fermilab is presently seeking modest foundation and international agency support to provide help to visiting Latin American scientists.

TURKEYS RAFFLED TONIGHT IN BARN

Plan to attend NALREC's annual Thanksgiving Party this evening in the Village Barn from 5:15 p.m. to 10:30 p.m. See a NALREC representative and buy a chance to win a holiday turkey (5 tickets for \$1). Food will be available. Dance to the music of "New Issue."

TICKETS AVAILABLE FOR DANCE

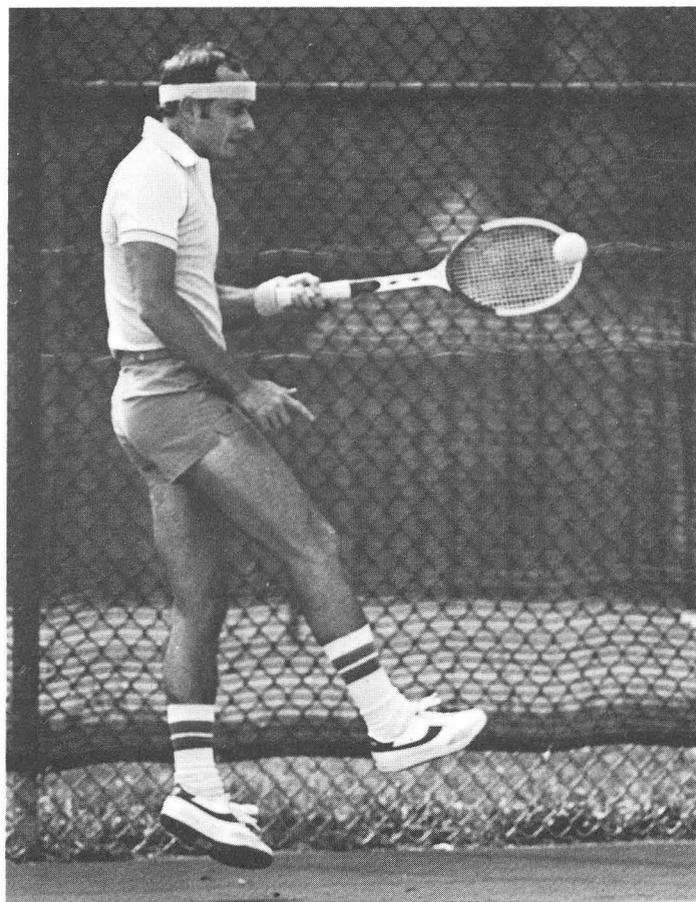
NALREC's Christmas Dinner Dance will be held on Saturday, December 4, at St. Andrews Country Club, West Chicago. The evening will begin at 6:30 p.m. with cocktails; dinner, featuring prime rib, soup, baked potato, green beans almondine, rolls, coffee, and vanilla ice cream, will be served at 7:30 p.m. Door prizes will be given from 8:30 p.m. to 9 p.m.

Dancing from 9 p.m. to 12:30 a.m. in the Main Ball Room will be to the "Big Band Sound." As an added attraction, dancing in the 19th Hole will be to the contemporary music of "Denise, Davis & Fame."

Tickets are available from NALREC representatives through November 23. Tickets will be sold on a first-come, first-serve basis. The price of tickets is \$17 per person (includes two drinks). For further information, contact Jo Baaske, ext. 3046, Jean Plese, ext. 3211, or Jesse Guerra, ext. 4305.

Fermilab is operated by Universities Research Association, Inc. under contract with the U. S. Department of Energy. Fermilab news is published by the Publications Office, P. O. Box 500, Batavia, IL 60510, phone (312) 840-3278.

KRULL WINS TENNIS CHAMPIONSHIP



Rich Krull

On Wednesday, September 29th the final match in the "A" Division Fermilab Tennis Tournament was played between Rich Krull, CDF, and Jim Walker, Experimental Areas Department. Rich defeated Jim for the 1982 Championship with scores of 6-4, 7-6. Rich and Jim have met in the final match each year since 1976 with the exception of 1981 when Jim was not entered in the tennis tournament because he was away from the Laboratory.

NO TRAPPING ALLOWED AT FERMILAB

No hunting, trapping, or firearms are permitted on Fermilab property. Violators will be prosecuted.

NALREC SPONSORS HOLIDAY EVENTS

Scheduled NALREC events for the holidays include a Children's Christmas Party (ages 2-7) on December 19 from 2 p.m. to 4 p.m. and an Employee's Christmas Party after work on Friday, December 17.

CLASSIFIED ADS TO BE DISTRIBUTED WITH FERMINES NOVEMBER 11, 1982

FOR SALE:

HOUSES:

BRICK AND CEDAR THREE-BEDROOM RANCH. Living rm., dining rm., kitchen, finished rec. rm. in bsmt.; includes refrig., oven/range, disp., dishwasher, washer/dryer, CAC, and attic fan. In Winchester Circle (Warrenville) close to pool. VA, FHA, or assume at 13% for 25 years. \$54,900. Call E. Henry Schram, ext. 3377 or evenings, 393-1711.

LARGE THREE-BEDROOM RANCH. Includes fireplace, central air, and large fenced lot, located in Marywood. \$76,000. Call 898-8453.

TWO-BEDROOM FOR RENT OR POSSIBLE OPTION TO BUY. NW Aurora, Living rm., dining rm., kitchen, fam. rm, attached garage, stove, refrig., dishwasher, central air, carpeted, and fenced yard. Call 898-8453 before 5 p.m. and 859-3510 after 5 p.m.

CARS:

1980 MUSTANG GIA. A/C, AM/FM, cassette, sun-roof, pwr. str., pwr. brakes, auto trans. \$4,800. Call Israel Williams, ext. 4524.

1978 4-DR. CHEVY IMPALA. Immaculate condition, 55,000 mi., A/C, auto trans., pwr. str. and brakes, 305 V-8 engine, and radio. Owner going abroad. \$3,300. Call Prince Malhotra, ext. 4094, or home 840-3549.

XLT FORD 250 RANGER. Excellent condition, crew cab, pwr. str., new pwr. brakes, new muffler system, heavy hitch, stereo radio, A/C, and many extras. \$4,600 or best offer. Call Charles C. Cross, page 171.

MISC.:

STUDIO UPRIGHT PIANO. Excellent tone, mahogany finish, 2 years old; \$1,400. Call Carl Albright, ext. 3346, or evenings, 232-7476.

VIOLIN. Full size, good tone, dark color, new case. \$200. Call Henry Koecher, ext. 3377.

HARPSICHORD. New Zuckermann single manual Flemish instrument; one 4', and one 8' and buff stops; almost 5 octaves. Call Al Brenner, ext. 3923 or 858-5493.

ZENITH 19 IN. COLOR PORTABLE TV. Good condition, \$200. Call Prince Malhotra, ext. 4094, or 840-3549.

CB BASE STATION ANTENNA INSTALLATION. Shakespeare Big Stick II antenna, gable mount, 50 ft coaxial cable; \$40. Call Ralph Niemann, ext. 4896.

FOOT JOY WHITE GOLF SHOES. Size 8D, like new, \$15. Call Ralph Niemann, ext. 4896.

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SPECIAL:

For the following items, call Nora at 858-9443.

- BUNK BEDS. Danish modern, teak and black enamel, complete with mattresses etc; good condition, \$290.
- KITCHEN TABLE AND CHAIRS. Large two-leaf hardwood table with 5 chairs, \$90.
- DESK AND CHAIR. Small 1930's decorative desk and chair, \$160.
- SOFA AND CHAIR. Beige, upholstered, good condition, \$150.
- SCHOOL DESK. Child's with seat attached, \$30.
- LOVE SEAT. Birch frame, needs new cushions, \$20.
- COFFEE TABLE. Dark hardwood, \$20.
- MISCELLANEOUS. Strong folding cot, T.V. cart, high-chair, bed frame and foundation, and more.