



Russians Say "Da" to More HEP Cooperation

The truly international nature of high-energy physics (HEP) was spotlighted when a delegation of Russian scientists and high officials in the Soviet Union's scientific apparatus visited Fermilab on Thursday, April 28, 1988. The delegation was in the midst of a tour of scientific and nuclear-related installations in the U.S. following the signing, in Washington, D.C., on the 26th of April, of a "memorandum of cooperation" between the the U.S. and the U.S.S.R. formally reestablishing the so-called 1973 Nixon-Brezhnev agreement. That agreement calls for negotiations on limited nuclear missiles and cooperation in research and development of civilian nuclear enterprises, including HEP.

At Fermilab, this U.S.-Soviet cooperation in HEP has been a long-standing affair, with Russian physicists participating in E-761, E-715, and the DO Experiment, among others. The Soviets have made important technological contributions to these experiments, for instance the transition radiation detector which was assembled in Russia and shipped to Fermilab for use in E-715 and E-761.

By formally extending the agreement, the two countries in essence affirmed that HEP collaboration across oceans and borders is a viable course for furthering research into the fundamental forces of nature.

Leading the 13-member Soviet delegation visiting Fermilab was Alexandor W. Protsenko, recently appointed Chairman of the State Committee for the Utilization of Atomic Energy, which manages more than half of the HEP laboratories in the U.S.S.R., among them Serpukhov and Dubna. (The other Soviet labs, such as Novosibirsk and the Leningrad Nuclear Physics Institute, are managed by the Soviet Academy of Sciences. Both organizations operate independently, the former being roughly equivalent to the U.S. Department of Energy [DOE], the latter to our Academies of Science.)

James Decker, Acting Director, U.S. Department of Energy Office of Energy Research, led the DOE delegation, which included Andy Mravca, Manager, DOE Batavia Area Office.

The visit included a tour of the Fermilab Magnet Test and Development Facility, where the Russians expressed great interest in Fermilab's magnet-production capabilities in general and the SSC test magnets in particular. From there the group moved on to the Collider Detector at Fermilab. At a luncheon on the 15th floor of Wilson Hall, formal toasts to increased scientific collaboration and world peace were exchanged by Protsenko, Decker, and Fermilab Director Leon Lederman. (*Information for this article was provided by Joe Lach.*)

Wilson Hall Front Entry Paving to Begin

Summer will soon be upon us, bringing with it the inevitable summer construction cycle. Although most construction projects affect only localized areas and relatively small groups of Fermilab personnel, this summer's agenda includes one project which will affect most employees, visitors, and users.

Tentatively scheduled for some time between July and September, the paving bricks at the front entrance to Wilson Hall will be replaced. During the actual construction, currently estimated at six to eight weeks, the front entry doors, deck area, and horseshoe drive will be closed to all non-construction vehicular and pedestrian traffic. The inconvenience to all who work in, or travel to, Wilson Hall is obvious; however, safety considerations for all parties involved dictate this approach to the problem.

The adverse effects notwithstanding, there are several benefits to be gained from this project.

Once the existing pavers are removed, a new waterproof membrane will be installed over the structural slab to eliminate the water leaks into the ground-floor Stockroom and Duplicating areas. A concrete surface slab will then be poured over the new membrane, impressed to match the color and pattern of the existing pavers. This will eliminate the current problems associated with the uneven surface of the existing pavers. Also incorporated into the surface slab will be a new snow-melt system to provide a

Continued on Page 2

Folk Duo² at the Fermilab Folk Showcase

It's double the pleasure, double the fun, with two, two, two duos, not one, in Fermilab's annual Folk Showcase! Folklorists John Roberts and Tony Barrand, and the vocal treasure of Claudia Schmidt and Sally Rogers share the stage on Saturday evening, June 18, 1988, at 8:00 p.m., for an unforgettable evening of story and song.



Folk singer Sally Rogers

From the North of England via their current home in New England, Roberts and Barrand have regaled audiences with their outrageous sense of humor, rare versions of ballads and street songs, storytelling, Morris dancing, and superb renditions of folk songs for seventeen years. Unaccompanied

two-part harmony, as well as a variety of instruments (button accordion, English and Anglo concertinas, banjo, bodhran, bones, spoons), are the vehicles through which they illustrate the lives and social history of the people who made the songs. Their numerous records and festival appearances have made them folk favorites throughout North America and Great Britain.

"I'd rather be singing" could be the motto for Claudia Schmidt and Sally Rogers, two native Midwesterners (although Sally now lives in the East), whose vitality, warmth, wit, and spirit immediately endear them to their audiences. Their repertoire ranges from traditional ballads to original songs, from the whimsical to the spiritual, punctuated with sensitivity and zest. The artistry and strength of these two voices are accompanied by their own guitar, banjo, dulcimer, and deluxe pianolin musical arrangements.

Admission to Fermilab's Folk Showcase is \$8. Reserve your tickets by calling ext. ARTS weekdays between 10:00 a.m. and 12:00 noon, or 1:00 p.m. and 4:00 p.m. Phone reservations are held for five days, but due to ticket demand, those not paid for within five working days will be released for sale.

- Tammy Kikta



'Wellness Works' News

Frank Dmuchowski, Program Manager of Copley Memorial Hospital's Care-Unit, will give a presentation entitled "Recognizing Substance Abuse" on Thursday, May 12, 1988, between 12:00 noon and 1:00 p.m. in 1West. Dmuchowski will discuss the nature and progression of chemical dependence as a disease and will focus on the signs, symptoms, and behavioral manifestations of chemical dependence. He will also discuss intervention strategies and provide a summary of assistance resources available in the Fox Valley area.

- Dotti Swanson

Join in the Fun - Walk/Jog Event

Governor Thompson proclaimed May 13 as Illinois Employee Fitness Day to encourage employee fitness programs throughout Illinois. To mark the day, Fermilab will have a noon-hour non-competitive walk/jog event. Participants can earn

ribbons if they complete the two-mile course. For additional information and pre-registration, please contact Dotti at ext. 4367. (The American Heart Association would appreciate a donation on that day to support their programs in research, public health education, and community service. A "Drop in Dollars for the American Heart Association" box will be posted along the route.) Individuals with medical/health problems which may be aggravated by this event should consult their personal physicians prior to registration.

- Paula Cashin

"Paving" continued from page 1

clear walkway from the front entry doors to the roadway paving and side stairways during the winter months. Exact dates for the project will be circulated prior to the beginning of work. The cooperation of everyone affected during this interruption to normal daily activities will be greatly appreciated.

- Chuck Anderson

Playgroup Seeks Enrollees

Fermilab Playgroup, located behind the Children's Center in the Fermilab Village, presently has openings in its Tuesday and Thursday sessions. As openings become available, children move into a Monday, Wednesday, Friday session.

Playgroup runs from 8:45 a.m. to 11:30 a.m. and is open to children, between 18 months old and kindergarten age, of Fermilab employees and visiting scientists.

Playgroup is run on a parental cooperative basis. Each parent works one day per week and is free to leave their child on the additional day or days of the session. Parents are welcome to bring their infants or older children on the day the parent works.

The fee for the Playgroup is only \$3.50 per month for a two-day-per-week session, \$5 per month for a three-day session. Each session is three months. The fee covers the cost of snacks and art materials. Additional children from the same family pay half price. If you are interested in participating in the Playgroup, please contact Sylvia Thompson at 393-1335, or 840-2034 on Wednesday mornings.

Congratulations to...

Judy Majewski and Greg (*Site Ops.*) Bock on the birth of Scott William at 8:10 p.m. on April 1, 1988. Scott weighed 8 lbs, 12 ozs, and was 21.5 in. long. Scott has a big brother, Kevin.

Beth and James (*CDF*) Shallenberger on the birth of Joshua Lane on April 16, 1988, at 12:00 p.m. Joshua weighed 8 lbs and measured 19.5 in. long. Amanda and Matthew are Joshua's big sister and brother, respectively.



The Activities Office.

Did you know that . . . many employee discount opportunities are available through the Activities Office? Travel brochures, amusement attractions cards, local vendor purchase and service discounts, as well as restaurant discount information, may be found in the pamphlet rack at WH1E. See the Cla\$\$ified Ad\$ for a current list or stop by the Activities Office and browse. - Jean Guyer

.....
: Watch for the thrilling "Name the Falcon" contest:
: in the next *FermiNews*. We're talking major prizes. :
:

Next Art Exhibit by SAIC Faculty

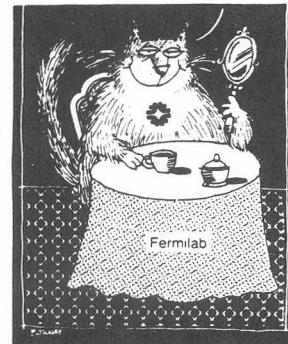
Eight faculty members from The School of the Art Institute of Chicago's Fermilab extension program will exhibit their paintings and photographs from May 17 through June 29, 1988, in the Fermilab Gallery, Wilson Hall 2nd floor crossover.

Exhibitors will include Jane Fisher, Kathleen Johnson Fisher, Alain Gavin, Marion Kryscska, Ellen Carr Lederman, Sandra Perlow, Olivia Petrides, and Elizabeth Rupprecht.

And Don't Forget: The Fermilab Employees' Arts and Crafts Show is scheduled for July 11 through July 29, 1988. Any employee, visiting scientist, retired employee, or contractor, or member of his/her immediate family, is invited to participate. In order to accommodate as many entrants as possible, there is a limit of five items per entrant. In the past, the employees' exhibit has included painting, photography, sculpture, batik, quilting, pottery, weaving, stained glass, jewelry, drawing, and holography. Applications are available from Joyce Randle at the Wilson Hall Atrium Information Desk. Applications must be returned complete to Joyce by 4:00 p.m., Friday, June 24. For more information, call Saundra Poces, ext. 3211.

Cat Caught Napping

One of Fermilab's "10 Most Wanted Cats" was recently captured by the intrepid Roads & Grounds SWAT (So Where's 'at Tabby?) Team. The cat had been lurking in the general vicinity of the Linac without a film badge, but with change for the vending machines.



Dave Shemanke, of the SWAT Team, stresses that unescorted felines and other wild animals on the site should not be approached by non-SWATters. Rabies and/or distemper are always a possible outcome of any encounter with a clawed and/or toothed quadruped. (*Also submitted by Barbara Bennett of NTF*)

Trudy's News from NALREC

So . . . the folks that went to the **Night at the Races** had a great time. At least that is what was reported. A future trip to Dubuque, Iowa, to attend the dog races is in the works.

The **Easter Egg Hunt** was a great success. Nearly 150 kids and parents were in attendance. Jane Pesetski and her committee provided a good time for everyone. A special thanks to the cuddly Easter Bunny.

Spring fever is upon us. To mark the occasion, a Luau is coming up on June 4th featuring roast pig, chicken Hawaiian, etc. The Hawaiian Dancers will entertain, and a DJ will provide the tunes for dancing fun for all. This is a Saturday night date and a very special event. Tickets are only \$10 each. Call Glenn Lee, ext. 4448, for information.

Joe Morgan has negotiated with the White Sox for tickets to the May 20th game against the Tigers at a cost of \$19-\$20. The Cubs game will be June 17th against the Expos at 3:05, and it is "Sunvisor Day" for the first 25,000 fans. The Cubs game will cost about \$20. Watch for this space for exact prices and times.

A **Hard Times Party** is coming up, complete with Cruzin' the Loop and Little Ceasar's pizza. August 7th is the date for the **Family Picnic** featuring steam engine-boiled corn, so plan your vacation accordingly, you wouldn't want to miss this one. If you have any suggestions regarding this affair or any other, please contact your NALREC representative. Have a nice day! - **Trudy Kramer**

Service Disruption in Vis. Med. Serv.

The Duplication, Photography, and Video departments (known collectively as Visual Media Services) are undergoing remodeling aimed at centralizing group services and improving work areas and service. During the construction phase, some areas of service may be interrupted from time to time and customers may experience some delays or inconvenience.

Percentage change, in the first month of the 1987 season, in the three TV networks' combined prime-time ratings: **-11** - *Harper's Index*

FermiNews Cla\$ified Ad\$

5/6/88

FOR SALE

Motorized Vehicles:

1986 HONDA CIVIC HATCHBACK, 4 speed, AM/FM cassette, Michelin radials, 40+ mpg, very good condition, \$4750. Call Larry, ext. 3715.

Miscellaneous:

TROLLING MOTORS (Minn Kota) 1. 565, 5-speed, 28-lb thrust, foot operated, \$225. 2. 65, weedless, 28-lb thrust, transom mount, \$125. Both are like new and have 36" shaft. Call George, ext. 3363 or 557-2591 after 6:00 p.m.

EMPLOYEE DISCOUNTS. Disneyland/World discount cards; Henry Ford Museum discount; Busch Garden discount card; Wet and Wild Surf Club (Florida, Texas, and Las Vegas locations) discount; Cave of the Mounds discount cards; Opryland USA discount cards; King's Island Park discount coupons; Wisconsin Dells (20-50%) discount cards and ticket books; Borg Vehicle Incentive Plan (automobile purchase discount); Gold Key Club (automobile purchase discount); Buying Power Card (sales & services); Candlelight Dinner Playhouse discount info.; Encyclopedia Britannica discount cards. Ask at the Activities Office, WH1E, for more information.

FOR RENT:

ONE-FAMILY HOME in Naperville near train and schools, 4-5 bedrooms, 2 baths, 2-car garage. June 1st occupancy. \$795/month plus utilities. Call 355-0299.

Average number of disclaimers a man makes before telling a joke: **1.9** Average number a woman makes: **3.4**

Amount of U.S. humanitarian aid the *contras* spent on baseball and volleyball equipment in 1985 and 1986: **\$1245** Amount they spent on deodorant: **\$5760** - from *Harper's Index*

FermiNews is published by the Fermilab Publications Office, P.O. Box 500, Batavia, IL, 60510 (312) 840-3278
Editor: R. Fenner **Editorial Assist.:** C. Kania
 Fermilab is operated by Universities Research Association, Inc., under contract with the United States Department of Energy.