

the Bulletin Board

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I.A.E.C. TO SPONSOR SYMPOSIUM AT BNL

A five-day symposium on chemical exchange reactions will be held at the Laboratory beginning May 31. This is the second scientific symposium to be held in the United States under the sponsorship of the International Atomic Energy Agency (IAEA), a United Nations-affiliated organization with headquarters in Vienna, Austria. The symposium is being held in cooperation with Brookhaven and the U.S. Atomic Energy Commission. The first IAEA Symposium to be held in the United States, on the biological effects of neutron irradiations, was also held at the Laboratory.

Some 50 scientists from 11 countries are expected to attend. The following countries will be represented: Australia, Canada, France, Germany, Hungary, Italy, Japan, Mexico, Switzerland, United States, and Yugoslavia.

At the symposium, scientists will present papers dealing with the mechanisms by which electrons and atoms transfer from one molecule to another. Two Australian scientists, D.R. Stranks and J.R. Yandell, will discuss electron transfer reactions induced by light; Hungarian scientists E. Koros, L. Pataki, L. Ladanyi, and M. Orban will survey the role of the medium in the exchange of iodine atoms; and a German scientist, K.H. Lieser, will discuss exchange reactions on the surface of crystals. Other papers deal with exchange reactions of aromatic molecules and electron and proton transfer reactions in biological systems. These studies shed light on a variety of fundamental chemical and biological processes. These include some aspects of chemical bonding, catalysis, and electron conduction.

PAYROLL NOTICE

Thursday and Friday, May 27 and 28, are the scheduled pay days for weekly and monthly employees respectively. However, in order to facilitate the cashing of payroll checks at the bank, the weekly employees' checks will be distributed to them on Wednesday afternoon and may be cashed at the bank on Thursday, May 27. Monthly checks will be distributed on Friday, May 28. The bank will be open from 10:00 a.m. to 3:00 p.m. on Thursday and from 10:00 a.m. to 4:00 p.m. on Friday.

BNL'S GIRL GUIDES



Pointing out the High Flux Beam Reactor are BNL Guides (l. to r.) Charlotte Von Knoblauch, Mary Wiesen, Bea Kohler, Betty Pergan, Arden Neber, Evonne Hammond, Catherine Tierney, Fran Scesny, Dottie Donlon and Mary Lee Williamson.

Brookhaven's fame has spread far and wide. Each year, more and more groups in science clamor to see the Laboratory. BNL scientists and technical personnel are called on to explain our unique facilities to the visitors, but during the past year, they have been spared the problems of keeping the visiting groups together and on time. How? These tasks are now the responsibility of Personnel's "Girl Guides."

At present, there are four Guides. However, six additional girls are now being trained so that they also may have the opportunity to become better acquainted with Brookhaven and occasionally play hostess to our visitors. Training consists of touring with a departmental guide the various Lab facilities to gather some basic information about them, meeting the personnel in each building, going over routes to learn the best way to travel between buildings, and, finally, a few hours of instructions given by various administrative personnel.

A Guide's major function is to shepherd her flock and see that it meets its time schedule at each point to be visited (no small feat!) A group may see as many as six facilities in one day. At each, someone will be waiting to give the "high level" technical tour. The Guides must know enough about the area being shown to fill in should the departmental expert be delayed. (All the girls hope this never happens!) Should such a delay occur, however, the Guides find they have good use for their hours of schooling.

If you should see a group of visitors with a BNL Girl Guide who looks lost in spite of all her training, be kind and rush right up to help – maybe **you** can show **her** the way!

B.N.L. MEMORIAL DAY HOLIDAY – MONDAY, MAY 31

BOATERS BEWARE

Do you carry gasoline in your automobile? Perhaps you should take a look at the following item from "Safety Briefs", a New Jersey State Safety Council publication:

"One warm summer day, two safety experts tried an experiment. They placed a safety can full of gasoline in the trunk of a car--just as one might do if transporting gasoline from a service station to one's home or boat. They backed off to a safe distance and waited. Within 20 minutes, the entire back of the car exploded."

"The reason--a safety container is designed to breathe. As the experimenters waited, the inside of the trunk became warmer and this caused the gasoline in the can to expand and build up enough pressure to force vapors out past the cap. In a sealed compartment, such as an automobile trunk, the vapors would ultimately reach explosive proportions. All that is necessary to set it off is a source of ignition, which could be a short circuit in a tail light or a defect in the car's ignition."

"To safely carry gasoline in a car, put it in a container listed by a recognized testing authority, such as U.L. or F.M. (Factory Mutuals). Put the can in the back seat area and keep all of the windows open. Keep it in the car for as brief a time as possible and never carry a "spare" can of gasoline for an emergency."

GOLFERS - WARNING!

All tournaments following the current Calloway Tournament (which ends May 31) will require an established handicap. BGA members may obtain a handicap by turning in their scores to Frank Walsh at T-100. Remember that they must be identified with name, life number, and date and must be signed. Note that only those rounds being played as tournament competition require that you play in the company of another member, who must attest the card. All other rounds may be played with anyone or even alone.

The first handicap posting will be as of June 15 and will include any member who has submitted scores for 72 or more holes. Details of the handicap system are to be found on the golf bulletin board in the BNL Recreation Office. You may also find suggestions for locating golfing partners there.

Don't forget the current tournament which requires no established handicap. Send your entry to Jerry Weiss at Building 830 (extension 2472). Scores must be in his hands by 5:00 p.m. on June 1 to be eligible.

GOLF LOCKER SPECIAL!!

BERA Golf Association members may still enroll in the Locker Group which entitles them to the use of a \$50 locker and associated privileges for only \$5 for the season. This is a real bargain ...don't pass it by. Additional details are available at the Recreation Office.

THEATRE GROUP NOTICE

It's this week, members! Our meeting is scheduled for Wednesday, May 26, at 8:30 p.m. in the theater. Be sure to come to cast a vote for your candidates and your choice for the fall production.

BNL PISTOL TEAM

More laurels were garnered by the BNL Pistol Team in a recent National-Sectional Tournament in Westbury, New York.

Team Captain, Jim Rutherford, calmly shot a 176 for first place honors in slow fire. Phil Greenberg was close behind with a 174, which was good enough for third place.

Phil followed this performance with a 266 in the gallery course for the fourth place award.

The club is now arranging an invitational center-fire match on the newly rebuilt police range. All BNL employees are cordially invited to join the team. We can use plenty of help in this match, and new talent and depth are always welcome for our winter league competition.

Call Jim Rutherford on extension 2217 during lunch hour for details as to how you can join.

TIAA - CREF

Participants in the Laboratory Retirement Plan may elect to have all premiums applied to TIAA, the fixed annuity, or may elect to have a percentage of premiums applied to TIAA and the remainder (up to 50%) to CREF, the variable annuity.

These percentages may be changed once a year, effective July 1. All participants who wish to change current percentages must make application at the Personnel Office **prior to June 1, 1965.**

COOKING EXCHANGE

Japanese recipes will be featured at the next meeting of the Cooking Exchange Group. Everyone is welcome at the Recreation Building, Apartment Area, on Wednesday, June 2, from 3:00 to 5:00 p.m. As usual, baby-sitting service will be available at 50¢ a mother.

**CAFETERIA MENU
WEEK OF JUNE 1**

TUESDAY

Chicken Gumbo Soup.....	.15
London Broil au Jus.....	.65
Chicken Tetrizzini.....	.65
Stuffed Green Pepper - Tomato Sauce....	.65
Grill Special: Western Sandwich on Roll, Pot. Salad, Pickle.....	.65
Sand. Special: Kasher Salami on Rye, Cole Slaw, Gr. Tomato.....	.60
Whipped Potatoes.....	.10
Seasoned Green Beans.....	.10
Corned Beef - Pot. Salad Platter.....	.75
Cantaloupe Ring - Fruit Salad - Orange Muffin.....	.60
Under the Sea Salad.....	.60
Apple Pie.....	.20

WEDNESDAY

Navy Bean Soup.....	.15
Veal Cutlet Parmigiana.....	.65
Baked Beef Hash - Chili Sauce.....	.60
Meatloaf - Mushroom Gravy.....	.65
Grill Special: All Beef Franks, Sauerkraut, Fr. Fr.....	.65
Sand. Special: Corned Beef on Rye, Cole Slaw, Pickle.....	.65
Whipped Potatoes.....	.10
Buttered Spinach.....	.10
Buttered Carrots.....	.10
Chef's Salad Bowl w/Ham & Cheese.....	.75
Pears, Cottage Cheese.....	.60
Relish Plate #3.....	.25
Chocolate Pudding.....	.15

THURSDAY

Vegetable Soup.....	.15
Stewed Chicken and Dumplings.....	.70
Lamb Stew, Veg.....	.65
Grilled Chopped Sirloin au Jus.....	.65
Grill Special: Italian Sausage on Steak Roll, Pepper, Cole Slaw.....	.65
Sand. Special: Livewurst, Tomato and Onion on Pumpernickel, Pot. Salad, Pickle.....	.60
Whipped Potatoes.....	.10
Buttered Peas.....	.10
Stewed Okra & Tomato.....	.10
Ham and Cheese Platter.....	.75
Banana Split Platter.....	.60
Stuffed Celery.....	.25
Cherry Pie - Lattice Crust.....	.20

FRIDAY

Manhattan Clam Chowder.....	.15
Beef a la Mode.....	.65
Fried Shrimp, Tartar Sauce.....	.65
Meatballs in Mushroom Gravy.....	.65
Cheese Omelet.....	.50
Grill Special: Grilled Cheese & Tomato, Fr. Fr., Tossed Salad.....	.50
Sand. Special: Crabmeat Salad on Whole Wheat, Cole Slaw, Pickle.....	.65
Whipped Potatoes.....	.10
Buttered Broccoli.....	.10
Fresh Corn on Cob.....	.10
Shrimp Salad Bowl.....	.75
Melon - Mixed Fruit Platter - Banana Bread.....	.60
Health Salad.....	.25
Tapioca Pudding.....	.15

The manager reserves the right to change the menu without prior notice.

FIRST SPORTS CAR CLUB EVENT A BIG HIT!



The Laboratory's newly formed Brookhaven Auto Sports and Touring Club broke the ice a few weekends ago and got their feet wet conducting their first event - a well-attended, expertly-organized affair titled "BLAST Gymkhana No. 1."

Pictured above is Dave Thomas, AGS, in his TR-4, about to leave the start-finish line. Harold Waitz, Physics, club member and official starter, stands by to give the signal. In the background, other participants await their turns to negotiate the course. That's Mike Rothbart (No. 14), Nuclear Engineering, in his Spitfire, and behind Mike is Stan Anderson, Cosmotron. Stan ran off with the winner's trophy in this class. He drives a TR-4.

Other results of the day: Harold Waitz took a break from his starter duties to take best time of the day (51.28) in his Elva Courier. John Gries, Cosmotron, in a '65 Corvette and Pete Hendricks, 80-Inch Bubble Chamber, '61 Corvette, were class winners with times of 58.19 and 56.85 respectively. The ladies were not to be outdone either. Jackie Anderson ran off with the best ladies' time in hubby Stan's TR-4. Dan Riel, Nuclear Engineering, moved his TR-3 to runner-up in class with a time of 55.41. Congratulations to all!

All members wish to express their sincere thanks for the assistance given by Messrs. Burke, Walsh, Palermo, Sabine, Craig, Chester and Walton, not to mention the Laboratory Police and the Fire Group. Many, many thanks!

The club intends to keep up the good work by announcing its next event "Time Trials One," to be conducted here on site on June 6. Watch the BULLETIN BOARD for further news of it.

Arrivals and Departures

WELCOME TO BNL

COSMOTRON		
Conrad M. Dabrowski	Ext.	2511
FISCAL		
Patricia E. Oster		577

RECENT DEPARTURES

BIOLOGY	
Karen New	
CHEMISTRY	
Reginald M. Walters	

F.A.S. LUNCHEON SPEAKER

Dr. Henry R. Myers, U.S. Arms Control and Disarmament Agency, will speak on "Current Problems in Arms Control" on Friday, May 21, 12:30 p.m., East Room of the Cafeteria. The talk is sponsored by the Brookhaven Chapter of F.A.S.

**GET READY
GET SET
TO
GO - GO - GO
TO GILLIGAN'S ISLAND
JUNE 18**

CLASSIFIED ADS

FOR SALE

1962 CHEVROLET - Impala, Super Sport convertible, maroon with white top, 250 hp, 4 speed trans., ps, radio, rear speaker, bucket seats. Ext. 2131 or SE 2-3919 after 5:30.

1954 FORD - Station wagon in operating cond. \$100. P. Alexander, Ext. 7644.

1958 FORD - 4 door, r/h, 6 cyl., good running cond., best offer over \$150. J. Pontieri, Ext. 2965 or GR 5-9131.

1962 VOLKSWAGEN - Convertible, in good cond. \$1100. AT 6-0215.

1957 DESOTO - 2 door hardtop, auto. trans., ps, good beach buggy. \$100. Ext. 2800 or GR 5-8658.

JAGUAR XK140 - Convertible, 15000 miles on new motor job, excel. cond. P. Colombo, Ext. 624.

1958 CADILLAC - Sedan de Ville, 4 door, full power, excel. running cond. \$775. Jake, Ext. 2211.

1961 VOLKSWAGEN - Blue convertible, radio, good cond. \$850. Dick, Ext. 2307 or AT 6-1277.

1963 CHEVROLET - Station wagon, 6 cyl. Belaire, std. trans., perfect cond. \$1750. Russo, Ext. 639.

1960 VOLKSWAGEN - With sun roof & radio, excel. mech. cond., tires like new, asking \$600. A. Wolf, Ext. 7732.

1959 ZEPHYR - English Ford, 4 door, auto. trans., clean, low mileage, r/h. C. Reed, Ext. 566 or MO 7-2875.

1961 CHEVROLET - Impala, full power, factory air conditioned, seat belts. LT 9-9222 after 6 or before 7:30 a.m.

1960 LINCOLN CONTINENTAL - Mark V, air cond., excel. cond., 4 door. 878-1197 or 878-1388.

1958 MERCEDES 190 - 4 door sedan, excel. cond., 44,000 miles. Any reasonable offer. AT 6-9260.

1962 MERCURY - Meteor, 4 door sedan, std. trans., r/h, 15,000 miles, excel. all around. \$1,150 or nearest reasonable offer. AT 6-9260.

1961 PONTIAC - Le Mans sport coupe, red with white hard top, black bucket seats, r/h, auto. trans., 20 mpg, 29,500 miles, showroom cond. \$1345. Tony, Ext. 2591 or AT 6-0102.

1959 CHEVROLET - 6 cyl., 2 door sedan, std. trans., good cond. \$400. G. Woodson, Ext. 2580.

1964 CHEVROLET - Impala, V8, std. trans., sacrifice. \$1950. Russo, Ext. 639 or SE 2-3338.

1960 BUICK - Le Sabre, V8, hardtop, auto. trans., seat belts, average retail value \$1010; my price \$700. Ernie, Ext. 2218.

1957 VOLKSWAGEN - Convertible, ww's, new paint job, new top, good tires, new valve job, rebuilt trans., new brakes. Good cond. \$575. Ext. 2428 or LT 9-5757.

1959 VOLKSWAGEN - Convertible, good cond. \$500. E. Norton, Ext. 2139.

1960 FORD - Falcon, 2 door, std. trans., r/h, ww's, 42,000 miles. Asking \$550 firm. Ext. 333 or 666-5457.

1957 FORD - 2 door, std. trans., excel. tires. \$125. S. Protter, Ext. 7120 or 7119.

1961 COMET - 2 door, r/h, new engine with 2 year guarantee. \$975. 941-3738 evenings between 6 & 8.

1957 BUICK - 2 door hardtop, auto. trans., bronze & white with ww's. Sound mech. & very clean. Asking \$450. B. Smith, Ext. 7667.

1962 VOLKSWAGEN - Convertible, seat belts, full wheel covers, heater & defroster, windshield washer, locking trunk & motor compartment, synchro in all forward gears, gas gauge, excel. cond., sacrifice. \$1,195. Ext. 385.

1958 CHEVROLET - Biscayne, V8, auto. trans., 2 snow tires used 1 season. \$325. Ext. 2921 or PA 7-5219.

1950 CHEVROLET - 2 dr., body in fair shape, good tires, std. trans., engine needs repair, \$30 or best offer. Ext. 2921 or PA 7-5219.

20' RUNABOUT - All mahogany hull, cedar lined. 45 hp Gray Marine inboard motor, lg. cabin, all accessories, high freeboard. \$450. H. Moger, Ext. 2416 or AT 6-8537 after 6.

11½' CAT BOAT - Penguin with dacron sails, fiberglass bottom, good cond., ready for water. \$250. Ext. 2993 or SH 4-3285 after 6.

19' SAILBOAT - Narrasketuck, 1962 hard dacron sails, dacron lines. Low price. E. Courant, Ext. 374 or HR 2-0510.

21' BOAT - Flying Finn twin outboards. Full canvas & all accessories. Very reasonable. Ext. 423.

14' OUTBOARD RUNABOUT - Navy top, trailer, anchor lines incl. \$150. L. Hillen. Ext. 303 or GR 5-7792.

3 HP OUTBOARD - Evinrude, excel. cond. J. Bigeleisen, Ext. 678 or 2427.

OUTBOARD MOTOR - 1960 Mercury Mark "75" 60 hp motor, elec. starting, complete with remote control cable, good buy. AT 6-9161 after 5.

SAILBOAT - Blue Jay, excel. cond., dacron sails & spinnaker, 2 years old. Ext. 2236 or HR 2-1243 after 6.

LAWN MOWER - 21" Lawnboy rotary, excel. cond. \$35. Smith, Ext. 459.

WASHING MACHINES - Two. One old Frigidaire automatic, free for mechanical specialist. One 1964 Kenmore automatic, \$150 new, sell for \$85. Ext. 7647 or AT 9-3654.

½ HP MOTOR - With pump. Can be used to pump out basements, boats, etc. \$15. Jake, Ext. 2211.

MISCELLANEOUS - 2 Kraft super-het. receivers, One 10 channel, one 12 channel, citizens band frequencies, \$30 ea. Bonner transistorized servos for use with relay less receivers. New or near new, \$10 ea. Some single channel equipment also available. P. Buhl, Ext. 354.

MISCELLANEOUS - AG9-A Heath audio generator, \$20. Heath IT-12 signal tracer, \$12. Conar Model 311 resistance capacitance tester, \$10. Two folding roll-away beds with inner spring mattresses, \$30. P. Buhl, Ext. 354.

WHEEL CHAIR - Everest & Jennings, light folding type, 2 removable seats, removable leg rests, like new. Also one pair crutches. K. Pall, Ext. 7730.

FURNITURE - Smilow-Thielle walnut buffet, oval dining room table, 6 dining chairs, all for \$175. Hi-riser day bed with bookcase back, \$25. AT 6-2272.

ASBESTOS SHINGLES - 25 bundles, charcoal grey. \$75. Will deliver. C. Reed, Ext. 566 or MO 7-2875.

PLAYPEN - 40" with nylon mesh sides, \$10. Ext. 2515.

TENSION SCREENS - For double-hung windows, 15 available in assorted sizes, \$2 each. Ext. 2515.

LAWN MOWER - 21" rotary with 2.5 hp Briggs & Stratton 4 cycle engine, good cond. GR 5-5894.

LAWN MOWER - Toro 25" reel type with Toro power handle. Ext. 447.

ROTOTILLER - Planet, Jr. in good cond. \$50. BR 3-3935 after 6.

GARDEN TRACTOR - Planet, Jr. with plow, disc harrow, & cultivator. All in excel. cond. \$100 firm. Gordon, Ext. 2416.

PORTABLE TELEVISION - 8", \$45. Also Guild guitar with case, \$70. Lee, SH 4-9724.

RECORD PLAYER - Rec-O-Cut Rondine. Deluxe model B124A. 4 speed with 120 arm, never used. \$75. G. Smith, Ext. 7677.

MISCELLANEOUS - TV sweep alignment generator, \$45. Blue bathroom sink & medicine cabinet, \$15. D. Bowman, Ext. 7773 or 281-5226 after 7.

EDGER - Lawnboy gasoline-powered edger in good cond. \$25. Smith, Ext. 469.

ALUMINUM PATIO SCREENS - All 7' tall. 4 - 29" wide, 2 - 36" wide, 1 - 32" wide, 1 - 40" wide, and 1 door 36" wide. Very good cond. \$50. Ext. 7119.

RIDING BOOTS - Girl's size 6. AT 6-9158.

MOVIE CAMERA - 8 mm Kodak Brownie turret with case, filters. Good cond. \$20. 4-light movie bar with bulbs, metal carrying case. \$5. F. Rumph, Ext. 2221.

MISCELLANEOUS - Transmitter 3.5 KC through 54 MCS, uses plug-in coils, 75 watts, CW, 30 watts AM crystal controlled, neat compact rig for young amateur. Size 10"x5¼"x5". \$20. Also precision tube checker with volt ohm meter, battery tester incorporated. \$35. Also 500 watt modulation transformer. \$5. Bill, Ext. 2314.

310 SCOTT TUNER, PREAMPLIFIER AND AMPLIFIER - Hi-fi McIntosh monophonic. TD-124 turntable with Grado stereo arm & Stanton 481 stereo cartridge with .001 stylus & never used .007 stereo stylus. Model 6KHL speaker. All equal to new. Make offer. Owner leaving. Ext. 2991.

FOR RENT

HOUSE - Unfurnished in Shoreham, 7 rooms, 2 baths, lg. enclosed yard. Available July 1. \$145 per month. Ext. 2191 or SH 4-2017 after 6.

HOUSE - Charming 2 bedroom Cape Cod, recently redecorated. Country setting adjacent to State Univ. at Stonybrook in quiet community of well-kept homes. ½ acre wooded setting. Has stove & refrigerator. \$125 per month (sublease). 751-2562 after 4.

BOAT TRAILER - N. DeRoo, Ext. 2304 or GR 5-7275 after 6.

HOUSE - On Fire Island. July & August dates still available. N. DeRoo, Ext. 2304 or GR 5-7275 after 6.

APARTMENT - 4½ rooms, all utilities, furnished or unfurnished. SH 4-9724.

HOUSE - 3 bedroom split level, unfurnished, in Shoreham. Recreation room. 1 year lease. \$130 per month. Available June 4. SH 4-5552.

APARTMENT - 3 rooms in Holtsville 20 min. from Lab. \$85 per month rent incl. electricity, heat, hot water, & express carpool leaving from same block. AT 9-2159.

HOUSE - Furnished in East Patchogue. 2 or 3 bedrooms, living room, kitchen, bath, and garage. Fenced spacious garden, quiet surroundings. Available 1 June. Ext. 7647 or AT 9-3654.

WANTED

SAILBOAT - Super sailfish or sunfish in good cond. Smith, Ext. 459.

STEAMER TRUNK - L. Joshi, Ext. 2479 or 2833 after 8.

HOME - For four black, playful kittens. Females, housebroken, 7 weeks old. Weiner, Ext. 386 or AT 6-2275 evenings.

A MOTHER - With young family who needs a versatile & willing senior high school girl as a summer helper. Has driver's license & gets along well with children. Bayport, Blue Point, Sayville area. HR 2-1734.

APARTMENT - Furnished or partly furnished 3 rooms. J. Loftus, Ext. 7109 or AT 6-9290 after 6.

HOME - For beautiful kittens, mostly gray with white & black. AT 6-9260.

HOME - Kitten, kitten, who's got the kitten? We do. Not one, not two, but three. Too much for we. You can have one, too. For free. L. Joiner, Ext. 439.

OLD GUNS - Prefer old Springfields or Winchester for collection. Ron, Ext. 2285.

CARPOOLS

DRIVER - Wishes to form new or join existing carpool from vicinity of South Country Road, E. Patchogue. F. Tuzza, Ext. 7772.

DRIVER - Wanted for carpool, vicinity South Country Road, E. Patchogue. S. Protter, Ext. 7120, 7119.

DRIVER - Wanted to complete existing carpool from New Hyde Park area. Route is L.I.E., Veterans Hwy., Sunrise Hwy. to BNL. G. Smith, Ext. 7677.

DRIVER - Wanted to complete carpool from W. Babylon, N. Babylon, Babylon area. B. Crockett or G. Meinken, Ext. 2200.

FOUND

FOUND! A house! S. James.

SHOES - Lady's black, left on Bowling Awards night.

SCARF - Red, found at Post Office.

SLIDE RULE - 12", decimal trig type log log, Dietzgen. Found in Cosmotron experimental area, now in Cosmotron office, Ext. 7752.

PEN - Parker. Found in Bldg. 815

KEYS - Four on hook. 3 made in England. Found in Medical Parking Lot.