

# *the Bulletin Board*

VOLUME 16, NUMBER 6

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OCTOBER 16, 1962

## **BERA CONCERT SERIES**



**The Juilliard String Quartet**

The Juilliard String Quartet will open the 1962-63 BERA Concert Series on Tuesday, October 23, at 8:30 p.m. at the Brookhaven Center. The program will include works by Beethoven, Bartok and Mozart.

Since its last appearance at BNL, the Juilliard Quartet has toured the Far East under State Department auspices and has been the first string quartet to tour the Soviet Union. Starting with the present season, the Quartet has been appointed Quartet-in-Residence at the Library of Congress. Their visit here will follow by a few weeks its appearance during the recent opening week of New York's Lincoln Center for the Performing Arts.

Season tickets are now available from ticket sellers located in most of the buildings. Buy them now! Single admissions at the door only.

Ticket prices: SEASON \$10.00  
Children \$5.00  
SINGLE \$ 3.00  
Children \$ 1.50  
Guest \$ 3.50

## **BASKETBALL**

Start organizing your Department Team now. Our Slo-Break League is in the planning stage for this season and announcements of specifics will be made shortly. Start rounding up your players, and if you have any questions, call G. Sabine at the Recreation Office.

## **VISITORS' DAYS ARE HERE AGAIN**



Once again, that season has arrived when BNL rolls up its sleeves for the annual Visitors' Day program. On Saturday, October 20, the Laboratory will be host to the general public. College Visitors' Day will be held the following Friday, October 26. Eleventh and twelfth grade high school science students will be here the following day, Saturday, October 27.

On these three days, tours will be provided to the following four major research facilities: Graphite Research Reactor, Hot Laboratory, High Intensity Radiation Development Laboratory, and 80-inch Bubble Chamber. Special exhibits and demonstrations will be set up in the Gym, Lecture Hall, and Exhibit Hall. A panel of Scientific Answermen will be available; in addition, it is planned on College Visitors' Day to arrange with BNL scientists for individual interviews, on a request basis.

A few tickets for the late afternoon session on Visitors' Day, the 20th, are still available for BNL employees, their families, and their friends. This is a chance to give our Long Island neighbors a look at our research activities. For further information, call Extension 2345.

## **VISITORS**

The Engineering Physics Club from the University of Toronto will visit BNL on October 18.

## **FOLK DANCING**

There will be folk dancing every Monday evening from 8:00 p.m. to 11:00 p.m. at the Recreation Hall.

## **TEN-SHUN**

As you were. At ease. Wild blue yonder? Fox hole? High seas? Down Under or over there? Do you still fit into your old uniform? Try it on for the MILITARY LAUGH BALL. The night is November 9th, the music will be by the STARLIGHTERS. Dancing from 2100 to 0200. Save the date.

## BOOKMOBILE AT BNL ON THURSDAY

A display of engineering, scientific, and business books of all publishers will be shown in the McGraw-Hill Bookstore Bookmobile on Thursday, October 18.

The Bookmobile will be located east of the Cafeteria from 10:00 a.m. until 3:00 p.m. Experienced technical-book sales personnel will accompany the Bookmobile to answer questions, to discuss special orders, or to handle on-the-spot sales. Charge accounts are also available.

## TWENTIETH BROOKHAVEN LECTURE

BY JULIUS M. HASTINGS  
CHEMISTRY DEPARTMENT

Title:

"A Neutron's Eye View  
of Magnetic Materials"

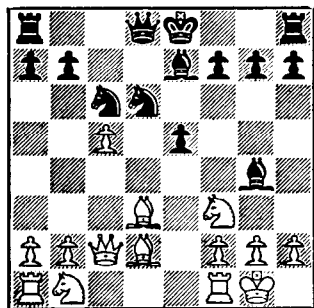
Lecture Hall - 8:00 p.m. - Wed., Oct. 17

A buffet supper (\$2.75) will be served at the Brookhaven Center before the lecture, beginning at 6:00 p.m. Reservations should be made at least one day in advance by calling Ext. 2302 before 5:00 p.m., or Ext. 2453 in the evenings.

Refreshments will be available in the Research Staff Lobby following the lecture.

## CHESS PROBLEM

This week's problem was taken from an original game between Smook and Pomar. Pomar playing with Black used the Sicilian Defense. From this diagram on, it is Black's eleventh move, and win. How? Answer elsewhere in this week's BULLETIN BOARD.



## SHUTTLE BUSES

In addition to their regular route, the BNL Shuttle Buses will also go past the Cafeteria during the principal lunch period, 11:30 a.m. to 1:30 p.m.

## BERA FILM SERIES "Two Women"



Thursday - October 18 8:30 p.m.  
Lecture Hall

This powerful drama of a woman and her 13-year-old daughter brought Sophia Loren the Best Actress award from both the Cannes Festival and the U.S. Academy Awards. Cesira (Loren) and her daughter try to stay alive in strife-torn Italy during World War II by leaving Rome for a small mountain village. Cesira falls in love with a disillusioned school teacher. One day a group of retreating Germans force the teacher to guide them across the mountains, and Cesira decides to return to Rome with her daughter. Enroute, they are attacked by Moroccan soldiers in the ruins of a bombed-out church.

The girl is bitter and dazed by the experience, and the mother fears that she is lost forever by the abnormal shock. Word then arrives that the teacher was killed by the retreating Germans, and mother and daughter are reunited by their common bond of grief.

## ART EXHIBIT OPENS NOV. 7

Our annual BERA Art Exhibit will open on Wednesday evening, November 7, at 8:00 p.m., at the Exhibit Hall.

The committee was extremely fortunate in acquiring an excellent collection of works by well known professional artists, through the courtesy of the Downtown Gallery of New York.

After opening night the exhibit schedule will be: November 8, 9, 12, 13, 14, 15, and 16 - 11:30 a.m. to 5:30 p.m. November 9 and 15 - open at 8:00 p.m.

## SKI CLUB

The first meeting of the Ski Club will be held on October 29, at 8:00 p.m., in the Recreation Hall. A film will be shown and plans for the coming season discussed. All are invited.

## Arrivals and Departures

### WELCOME TO BNL

AGS	
Leslie W. Oleksuik	Ext. 2557
Arnold Kreisberg	2410
BIOLOGY	
Richard B. Middleton	2479
COSMOTRON	
Marie Dorage	752
MECHANICAL ENGINEERING	
Charles Briening	
Mario A. Manni	782
MEDICAL	
Carol Ann Engel	301
Gar E. Weber	301
NUCLEAR ENGINEERING	
Roy Schelin	
PERSONNEL	
George H. Barton	2102

### RECENT DEPARTURES

AGS	
Thomas Fey	
BIOLOGY	
Anna-Marie Diebler	
COSMOTRON	
Gerald Homeyer, Jr.	
PURCHASING	
Rosemarie F. Drell	

## FISH STORY

This month there were some very good entries. The winning fish was a Bonita worth 538 points, caught by Carl Cantera at Montauk. John Tagliavia had an 8 lb. 12 oz. Blue. Jim Klein caught a 4 lb. 7 oz. Largemouth Bass. Kurt Jellett had a 17 lb. 12 oz. Striper. This is the time of the year for big Blues and Stripers. This reporter saw a 50 lb. Bass taken at Montauk on Monday night.

## BOWLING SHIRTS

Orders are still being accepted for our royal blue bowling shirts with "BNL" and your team name on the back and your first name on the front pocket for our group discount price of \$5.00 each. See G. Sabine at the Recreation Office.

Team or individual orders will be accepted for any number of teammates desiring shirts from one on up!

## NEW TELEPHONE DIRECTORY

October 19 is the closing date for changes and additions to the November, 1962, issue of the Brookhaven National Laboratory Telephone Directory. Please check your listing and send any changes or additions to the Communications Group, 2 Center Street, on BNL Form No. 241B.

**THE NEW 2D BID**

Last week's duplicate bridge results:

**N-S**

1. Hedges & Wagner
2. Mr. & Mrs. Schermer
3. Mr. & Mrs. Allen

**E-W**

1. Cockrell & Shotkin
2. Reilly & Schmaeler
3. Dvorak & Tillinger

The artificial 2D opening bid, which has been gaining in popularity at BNL, scored well for the pair that used it in the hand below. Had their opponents been using it, the result would probably have been very different.

The opening bid of 2D shows 6 to 11 high card points and a 5 or 6 card major suit.

**N** (Ellie Hedges)

Sp. — — —  
Ht. A K X X X  
Di. J X X  
Cl. X X X X X

**W**

K X X X X  
J X  
X X X  
A Q 10

**E**

A Q 10 X X X  
X  
K X  
K X X X

**S** (Sandy Wagner)

J X  
Q 10 X X X  
A Q 10 X X  
J

<b>BIDDING</b>			
<b>W</b>	<b>N</b>	<b>E</b>	<b>S</b>
P	2D	P	2H
P	P	2S	3H
3S	P	4S	5H
X	P	P	P

The response of 2H was artificial, merely denying interest in game. (Wagner knew that, in the unlikely case that his partner's major was hearts, it would come to light when the opponents started bidding spades.) When E re-opened with 2S, Wagner felt that his side could make game, but tried to get pushed into it, so as to be doubled. The 5H bid, an apparent sacrifice, was doubled; the hand was cold for 12 tricks.

Note that if E-W had been using the 2D opening, W would have opened 2D and a 4S contract would have been reached, with N-S probably never entering the bidding.

**FREE SWIM - TUESDAY, OCTOBER 23**

Be our guest when the pool reopens its doors on October 23, at 5:00 p.m., on its new Fall-Winter Schedule.

<b>TUESDAY</b>		<b>WEDNESDAY</b>	<b>THURSDAY</b>	<b>FRIDAY</b>
		5:00 p.m. to 10:00 p.m.		
<b>Season Tickets</b>				<b>Daily Tickets</b>
(October to June)				
Employee		\$5.00	Employee or family member	\$.35
Family		\$10.00	Guest	\$.60

**LEARN TO SWIM**

Classes are now being organized to teach you how to swim, or if you're struggling along — how to swim a little better.

**Adult Classes** are offered to employees and their wives or husbands. Lessons will be held on Wednesday evenings at 5:15 at our pool. Each session will be one hour long, once a week for a period of seven weeks. The fee for the entire course will be \$4.00 per person. Please register as soon as possible. Registration fee must accompany your application. Send or bring to G. Sabine, Ext. 391. (Make checks payable to BERA).

**Registration Deadline** is November 1. Classes will begin on November 6, Wednesday, if enough employees sign up.

**Children's Classes** will be organized on Friday evenings from 6:30 p.m. to 7:30 p.m. starting November 9 if enough children are registered in advance. Children must be at least four feet tall. The length of course, fee, and registration procedures are the same as for the adult class.

## BOWLING TOURNAMENT

The next BNL Mixed Doubles Tournament is set for 3:00 p.m. Saturday, November 10, at the Port Jeff Bowl. Each tournament has been growing larger and larger, and it is expected that this one will be a complete sell out, as the tournaments have been in the past. The entry application is for the bowlers who want to insure themselves that they won't be left out. Watch for next week's BULLETIN BOARD for a complete list of tournament rules. Prizes will be as large and numerous as they have been in the past; bowling balls, shoes, bags, bottles of cheer, etc.; don't delay, get your application in early.

Submit to Recreation Office	<b>ENTRY APPLICATION</b>	Must be accompanied by \$5.00 non-refundable fee
1. Lady Bowler (name) ..... BNL Employee (yes) (no)		
Average is ..... in ..... League at ..... Lanes.		
2. Man Bowler (name) ..... BNL Employee (yes) (no)		
Average is ..... in ..... League at ..... Lanes.		
Received Recreation Office .....		

## CLASSIFIED ADS

### FOR SALE

1955 STUDEBAKER - 2 dr. sedan. std. 6, blue, new battery and tires. Very good condition. Owner leaving country. Fujita, Ext. 366.

1957 VOLKSWAGEN - Black, good cond., r&h, seat belts. \$500. firm. AT 6-9748 after 5:00 p.m.

1961 FALCON DELUXE - Auto., r&h, excell. full undercoating. \$1,550. JU 5-8322.

1954 FORD V8 - 4 dr. Crestline sedan, good tires, r&h, in excell. running condition. \$200. Owner leaving Lab. A. Niell, Ext. 2533, evenings Ext. 55 (room 47).

1956 PLYMOUTH STATION WAGON - Mechanic's special, needs transmission and motor work. \$35. Chuck, Ext. 345.

1958 PONTIAC STAR CHIEF - Fully equipped, tinted windshield, elec. windows, torsion rear end, A1 cond., orig. owner, 25,000 miles. SE 2-6781 after 5:30 p.m.

1961 BONNEVILLE CONVERTIBLE - Baby blue, with full power, orig. owner, 18,000 miles. Asking \$2400. Ext. 2179.

1962 CHEVROLET - Must sell this week. Std., r&h, w/w. \$1675. Also: Plymouth Belvedere, fury engine, auto., p.s., r&h, w/w. \$1425. Sandy Wagner, Ext. 618.

1960 MERCURY COMET - 4 dr. wagon, auto., normal equip., perfect shape. Yours at a little over 1/2 list. 2 years old in Nov. \$1475. Shaver. Ext. 388 or AT 6-0596.

1954 MERCURY MONTEREY - 2 dr. coupe, 1956 Ford engine, std. trans., 4 new tires, r&h, new starter, fuel pump, points & plugs good cond. Best offer over \$300. R. Miller, Ext. 2588 or AT 4-8508 after 6:00 p.m.

1957 CHEVROLET - 6 cyl. std., 2 dr. sedan, r&h, new rubber w/w, excell. gas mileage, \$600. Dick Miller, Ext. 686.

12 1/2 FT. SLOOP - Round bottom. C.B., one year old., stripbuilt fiberglassed (smooth) materials. Phil. Mah., white oak, sitka spruce,

everdur, S.S., dacron & epoxy. Reason: To build a friendship. Price: \$650. Paul, Ext. 596 or MA 9-4985.

CLASS "C" RACING HULL - All hardware for inboard engine, can be used as duck boat, motor free. Best reasonable offer. R. Meyer, Ext. 481 or LT 9-5757.

JERSEY SHELTERED SKIFF - 25 ft. long x 10 ft. beam, "Paradise" built, lapstrake, copper riveted. 135 hp. Palmer, 49 Watt s/s, depth finder, swordfish pulpit, heat, 12 1/2 lb. Danforth anchor, all 3/4 nylon lines, compass. 5 years old, in water at Montauk. Good sea boat. Best offer over \$2500. John, Ext. 2376.

32 CAL. SEMI AUTO. - Like new, permit required, \$12. R. Meyer, Ext. 481 or LT 9-5757.

16 FT. SAILBOAT - Anchor, paddle, lines, all good cond. \$175. R. Meyer, Ext. 481 or LT 9-5757.

6 FT. DINGY - With anchor and oars. Fine cond. \$25. JU 5-8322.

OUTBOARD ENGINE - 1959 Lark Evinrude, 35 hp., elec. start with controls, battery and gas tank almost new. \$225. JU 5-8322.

IRON MACHINE - GE auto. flat press type, should be used in laundry room. Bought new, used little. \$50. JU 5-8322.

TIRES - 2 snow with new tubes & w/w. Mounted on rims for 1955 Pontiac. One never used, just been put on rim. Other used one season, in very good cond. \$35. Also: 2 other tires, 7.10x15, w/w, one never used, on spare now. Other slightly used for 3 months, in very good cond. If they are seen they will be sold. Will make deal. Tires on site. Ext. 2568.

TREES - White pine, hemlock, yews, wholesale prices. Ext. 597 or AT 6-0436.

BABY CARRIAGE - Folding, converts to car bed, navy blue, white interior, immaculate cond., new cost \$55. Must sell. \$15. GR 5-2829 after 6:00 p.m.

SNOW TIRES - 7.10x15, mounted on rim. Both for \$5. Also a recappable tire, \$1. B. McRikard, Ext. 2165.

GAS RANGE - 36 in. Hardwick, 5 yrs. old, plain looking with four burners, oven broiler and room for pans. \$35. Mary, Ext. 2491 or AT 6-8517 after 5:30 p.m.

SOFA - Three-piece sectional, charcoal, good cond. \$50. Old upright piano, good enough for children. \$40. AT 6-0666.

TIRE & TUBE - 4.00x8, 4 ply. \$5. Pete, Ext. 657.

HOT AIR HEATING SYSTEM - For six room house. 30 gal. hot water heater. All in working order. Lou Potter, Ext. 473.

GAS STOVE - 4 burners & oven, working cond. \$10. Children's train, self propelled, 30 ft. circular track. \$15. GR 5-4312.

FURNITURE - Studio couch, double bed, maple dresser, tea cart, telephone bench, air cooler, elec. fan, Magnavox TV, 9x12 colonial braided rug, 9-12 oriental rug, odds & ends. G. Simon, Ext. 367 or HR 3-9168.

8 FT. PRAM - Fiberglass bottom, needs paint, \$25. Hot water heater - 30 gal., glass lined, appearance and performance like new. Hot air furnace still in good cond. with controls. \$50. takes all. Table - kitchen or dining room set. Gray wood grain, formica, extension leaf, wrought iron legs and four chairs. Like new. \$50. Rifle - 22 pump, good cond. \$20. GR 5-4199 after 5:30 p.m.

### CARPPOOLS

Driver would like to join or form carpool from Mt. Sinai (South of 25A) or vicinity. Wife desperate, supplies running low. Bill Bornstein, Ext. 2228 or HR 3-1813.

Driver would like to join or form carpool from vicinity of Greenlawn-Centerport. F. Barnes, Ext. 488.

Rider wanted to complete existing carpool from Hicksville-Plainview area. Ext. 551.

We send our boy three times a week to a nursery school at Brookhaven. Who is interested in joining us and forming a carpool. S. Lutz, Ext. 507.

Seeking fifth passenger-driver for existing carpool. Meeting in Parking Lot on Wantagh Ave. and Southern State Parkway. Wantagh to Brookhaven. Al Laurine, Ext. 448.

Driver would like to join or form carpool originating from vicinity of Hawkins Ave. and Jericho Turnpike. Ext. 639, Cipolla or JU 8-6417.

Would like to form carpool from North Bayshore. J. O'Reilly, Ext. 2389.

Rider would like to join carpool from Wm. Floyd Highway vicinity of Shirley. Gail Mansfield, Ext. 2106.

## SOLUTION TO CHESS PROBLEM

WHITE	BLACK
11. ....	11. B x N
12. P x N	12. N-Q5
13. QP x B	13. Q-Q2
14. B-B5	14. N x B
15. P x B	15. N-Q5
16. Q-K4	16. Q-R6
17. B-B4	17. NxP Check
18. White resigns.	