

the Bulletin Board

VOLUME 14 - NUMBER 50

Published by the BNL Personnel Office

AUGUST 22, 1961

BERA FILM SERIES

Thursday, August 24, 1961

8:30 p.m. - - - Lecture Hall

HENRY V

Starring - - -

LAWRENCE OLIVIER AND ROBERT NEWTON

A superlative motion picture capturing the brilliance of Shakespeare's original play. The film, in color, transports you from the stage to the historic Battle of Agincourt. Academy Award Winner.

Ticket sellers are: George Sabine, Recreation; Terry Rush, Chemistry; Maria Weynand, Medical; M. Clasen, Personnel; Bob Nathans, Reactor; Edna Hodges Biology; Bill Tuttle, Physics; F.X. Rizzo, Nuclear Engineering; Pat Towey, Research Staff.

BERA '61 — '62 FILM SERIES

Sept. 7 THE THREE PENNY OPERA

Sept. 21 BALLAD OF A SOLDIER
AND WEEGEE'S NEW YORK

Oct. 5 THE QUIET ONE AND LAUGHING
GRAVY (Laurel and Hardy)

Oct. 19 THE MOUSE THAT ROARED AND
A SERIES OF ROBERT BENCHLEY
SHORTS

Nov. 2 THE GOLDEN AGE OF COMEDY
AND UIRAPURU

Nov. 16 HAMLET

Nov. 30 LOVE AND THE FRENCHWOMAN

Dec. 14 A NIGHT WITH CHARLIE CHAPLIN

Jan. 4 IKIRU

Jan. 18 BACKSTREETS OF PARIS

Feb. 1 ROMEO AND JULIET

The remainder of the series to be scheduled and announced in the near future, will be selected from among the following: Othello, Oedipus Rex, The Oresteia, The Crucible, The League of Gentlemen, The Law is the Law (Fernandel), The Eighth Day of the Week, The Blue Angel, Never on Sunday, He Who Must Die and other new releases and classics.

Series tickets may be purchased from ticket sellers in each department of at the Lecture Hall on film nights.

Full-Series ticket (20 shows).....\$12

Half-Series ticket (any 10 shows)..... 7

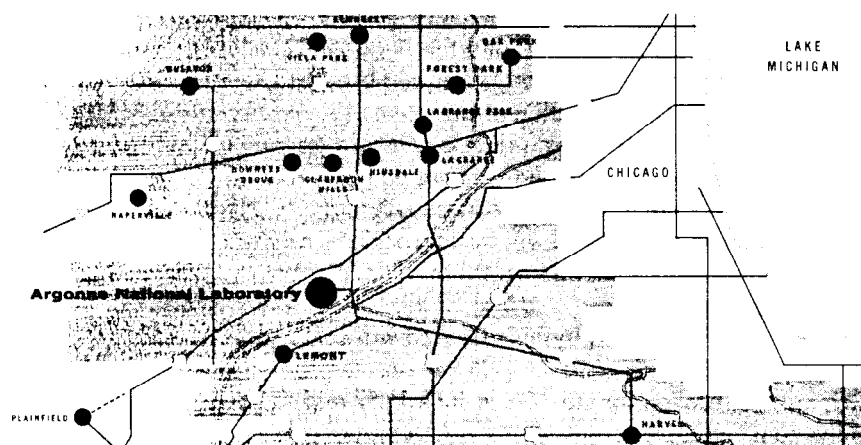
Single Admission..... 1

ANNOUNCEMENT

Brookhaven Center will be closed
August 24 for a party for summer visitors.

To acquaint the readers of THE BULLETIN BOARD with some of BNL's sister laboratories in this country and with some similar laboratories in other countries, a series of articles will be presented in coming weeks. It is hoped that these brief descriptions of other laboratories will give a suggestion of the broad scope of interest in facilities for atomic investigation in the world today.

ARGONNE NATIONAL LABORATORY



Argonne National Laboratory occupies a tract of 3,700 acres about 25 miles from Chicago, as well as two sites at the National Reactor Testing Station in Idaho. The total staff numbers approximately 4,000 employees. It is the direct successor of the wartime Metallurgical Laboratory of the Manhattan Engineering District. The primary objectives of that Laboratory were to demonstrate the feasibility of a self-sustaining nuclear chain reaction, to develop relevant technology to the point where nuclear reactors for the production of plutonium could be built, and to develop a process for the separation and isolation of plutonium. Another very important aim was to develop information concerning the hazards involved in the use of radiation and radioactivity. These major goals carried them simultaneously into design, development and applied research in many other fields.

Of historical interest is the fact that the first chain-reacting pile (known as CP-1, or "Chicago Pile #1") was built under the West Stands at Stagg Field, Chicago University. It became self-sustaining on December 2, 1942. Later the pile was dismantled and reconstructed at Argonne.

On July 1, 1946, Argonne National Laboratory was established as a permanent laboratory and the University of Chicago was selected as the operating contractor.

As originally conceived Argonne's primary responsibility was that of basic research in the many areas of science pertinent to the long-range development of atomic energy. However, on January 1, 1948, the Atomic Energy Commission assigned the Laboratory major responsibilities in the field of reactor development in addition to the research activities in which it was already engaged. This twofold responsibility of basic research on the one hand, and applied research and development on the other has continued to the present.

The growing activities involving joint Argonne-university relationships are facilitated by Associated Midwest Universities, Inc. which was chartered under

(Continued next page)

ARGONNE—Cont'd

the sponsorship of 31 institutions. Although the schools making up Associated Midwest Universities are located in the Mississippi Valley States, opportunities for participation in the Argonne program by university researchers are not limited geographically.

The laboratory's International School of Nuclear Science and Engineering, which was established as a part of the Atoms-for-Peace Program, has given training to many scientists and engineers from other countries who are now taking prominent parts in the development of atomic energy in their own countries all over the world.

One of the major efforts since 1948 has been development of water-moderated reactors. Argonne produced the physics designs and initial development work for the prototype of the Nautilus reactor, the physics design of the Savannah River reactors, the heavy water research reactors at Argonne, the series of boiling reactors experiment in Idaho called BORAX, the Experimental Boiling Water Reactor, and the Argonne Low-Power Reactor. Also, they developed fast reactors for power and breeding, chemical processes for irradiated fuel, and construction of fuel elements.

Work in the life sciences is directed toward gaining an understanding of the action of radiation on living systems, with emphasis on the effects of neutron radiation. Studies of the effects of external and internal radiations are carried out on animals and, where appropriate, on humans who have been exposed to particular environmental conditions or bear significant body burdens of radioactivity.

A primary area of physics research will center around use of the Zero Gradient Synchrotron (ZGS), a 12.5 Bev accelerator now under construction. Ground was broken for the ZGS in June 1959 and its completion is expected in the near future.

POOL DAY

August 29 12:00 Noon At the Pool

Following our tradition of climaxing our Children's Summer Program with a day of fun for all participants, next Tuesday, August 29, has been selected as the day for the youngsters - contests, games, novelties, fun and prizes for all. All children registered for the swimming instruction and play session (4 ft. tall and over) are eligible and invited free of charge. Details will be given during this last week of instruction.

RECREATION SCHEDULES

Starting the week of September 4 the following recreation facilities will be scheduled:

Recreation Building - Open Monday through Thursday evening 5:00 - 11:00 p.m.

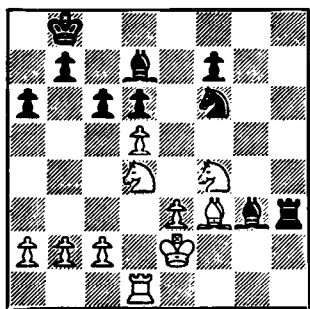
Gymnasium - Closed for ALL activities until September 18. Closed for evening activities until further notice of Fall program to begin in early November.

Swimming Pool - Closed for the month of September. Open for Fall schedule in early October.

Recreation Office - Closed until Monday, September 18.

CHESS PROBLEM

In this week's problem it is Black's move, and he could win. How? Answer elsewhere in this week's BULLETIN BOARD.



There will be occasions when you don't agree with the solution of the weekly problem. Don't hesitate to send your answer to "Chess Problem," c/o Mail Room, 2 Center Street. All letters will be answered.

LAST DANCE

The last in our weekly series of summer "live music" dances will be held this Wednesday, August 23, at 9:00 p.m. in the Recreation Building. Cold refreshments are available. Come out and bring your friends for an evening of fun and dancing.

Admission - - - - 50¢



"I BELIEVE MARTIN THROWS ABOUT THE MOST POWERFUL 'HOOK' BALL I'VE EVER SEEN!"

BOWLING ENTRIES

The number of teams who have submitted their pre-entry blanks thus far indicate a bigger and better season than ever. If you plan a team, send in your pre-entry NOW and be sure of a place in the league of your choice. Blanks were in last week's BULLETIN BOARD, or may be obtained from the Recreation Office. Pre-entries are not a commitment, but a means of getting the leagues organized - in return you get preference based on the date of submittal.

Official entry blanks will be distributed later this week to the "temporary captains" who have submitted pre-entries. The official entry, together with the fee of \$3.50 per bowler must be in BEFORE 3:00, September 11. No entries will be accepted after that date.

CAMERA CLUB CONTEST

All entries in the Lab-wide color slide and black and white print contests have been judged. Watch next week's BULLETIN BOARD for pictures from the winners and information about the presentation of awards.

DISCOUNT TICKETS

Discount tickets to the following shows and events are currently available at the Personnel Office, 58 Brookhaven Avenue.

ALL THE WAY HOME
(Belasco Theatre, N.Y.C.)

ICE CAPEDES OF 1962
(Madison Square Garden)

PARADISE ISLAND
(Jones Beach Marine Theatre)

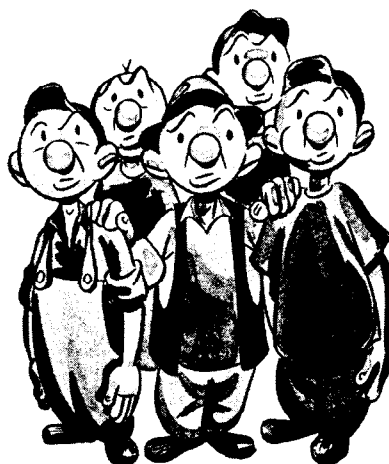
WESTBURY MUSIC FAIR
(THE MERRY WIDOW, Aug. 22 - 27
ANNIE GET YOUR GUN, Aug. 29 - Sept. 3
THE MUSIC MAN, Sept 5 - 24.)

"These are the big ones."
Softball play-offs, August 21, 23, 28.
All Star Game, August 30.

RENTAL LIBRARY

New books currently available at the rental library at the Personnel Office, 58 Brookhaven Avenue, are:

A GAY AND MELANCHOLY SOUND
M. Miller
THE POWER OF BLACK M.B. Longman
CAMERA A.D. Kastle
THE GOLDEN SCALPEL S. Kern
INGRID BERGMAN, AN INTIMATE PORTRAIT J.H. Steele
MILA 18 L. Uris
THE WASTE MAKERS V. Packard
POMP AND CIRCUMSTANCE N. Coward
CORMORANT'S BLOOD I. FLETCHER
THE TROPIC OF CANCER H. Miller

SOFTBALL LEAGUES**ALL STAR GAME**

Wednesday August 30, 1961 — 5:15 P.M.

The All-Star game this year will be played between the All-Star National League team and the All-Star Brookhaven League team. The teams will be selected by the following method - each team will select or elect its **five** best players and turn their names into the Recreation Office by Aug. 25. The winning manager of each league will manage the All Stars in his respective league.

The game will be 9 innings long. Managers must use each selection in at least 3 innings.

Every softball player who participated in our leagues is invited and urged to attend and cheer on his mates. Liquid refreshments (beer that is) will be on hand for participants and league spectators.

In the event of rain the game will be played on Thursday, August 31.

BIOLOGY AND METALLURGY WIN PENNANTS**FINAL STANDINGS**

Brookhaven League			National League		
TEAM	WON	LOST	TEAM	WON	LOST
Biology	12	2	Metallurgy*	11	3
Untouchables	8	6	Phoubars	11	3
Electronics	7	6	Cosmotron	9	5
Medical	7	7	Old Timers	8	6
Postareebies	6	8	Pop-Ups	7	7
Health Physics	4	9	Dirty-Sox	5	9
E.O.A.	2	12			

*Metallurgy defeated the Phoubars in a play-off game.

On Monday, August 21, Metallurgy and Biology will meet in a best two-out-of-three play-off to determine the championship of BNL. Biology has long since clinched first place in the Brookhaven League and they have been sitting back watching Metallurgy and the Phoubars battle for first place in the National League. This week Metallurgy settled matters by defeating the Phoubars in a playoff game, 9-8, and earned the right to meet Biology.

The second game of the series will be played on Wednesday, August 23 and the third (if necessary) on Monday, August 28.

CLASSIFIED ADS

FOR SALE

1954 CHEVROLET - 4 door, st. shift, 6 cyl. Good cond. Duke, Ext. 553.

1955 CHEVROLET - 2 door, st. shift, r&h, avail. in 2 weeks. \$425. Willis, Ext. 739.

1960 VOLKSWAGEN - Convertible, green, white walls, radio. Best offer over \$1500. Homeyer, Ext. 772, or JU 8-3521 aft. 6.

1955 STUDEBAKER - Commander, 4 door, auto. trans. \$225. Jean Lauer, Ext. 2390, or AT 1-6223 eve.

1960 CORVAIR - 4 door, Model 700, auto. trans., radio \$1350. Ext. 2356 or 439.

1954 CHEVROLET - 4 door, black, new tires. Asking \$200. GR 5-3109 aft. 6.

1959 AUSTIN HEALEY SPRITE - white, orig. 10,000 mi., excell. cond. joy to own. Reason for selling - "family too big - car too small." Asking \$1295. Francois, Ext. 470, or EM 3-6527.

1950 DESOTA - Good cond., very good motor. Best offer. Ext. 2480, or LT 9-4385.

BRICK RANCH HOUSE - custom built, 3 bedroom, fireplace, lg. kit., full basement, 2 car gar., oil hot water heat, tile bath, patio, wall-to-wall carpeting, extras. \$13,000 mort. avail. AT 6-8712, E. Patchogue.

SAIL BOAT - 18' - 27' hollow mast, cast iron keel, SS keel bolts, SS rigging, Egyptian duck sails, 4-wheel trailer, mooring, good racing boat. \$400. Bill Fedrich, Ext. 672, or SH 4-3926 aft 5:30.

18 FT. THOMPSON OFFSHORE - 75 h.p. Johnson, full canvas, cushions, anchor, new batt., excell. cond. Mike, Ext. 2521, HR 2-0552 aft. 6.

20 FT. CUSTOM SEA SKIFF - Fast and able, 95 h.p. Chris Craft, 20 watt s/s, bilge pump, navy top, head, winter cover, fully equipped. \$1600 firm. Bill, Ext. 2255, or XH 1-4467.

SAILBOAT - Cape Cod Nimblet, 16 ft. sloop. Hull fiberglassed this spring. S.S. rigging. Egyptian cotton sails. Moored at Carman's River, Brookhaven, ready to sail. \$325. W. Chinowsky, Ext. 746, or AT 6-0859.

1958 EVINRUDE - 18 h.p. outboard, excell. shape, used 1½ seasons. \$240. JA 2-3468 aft. 5:30.

KALIMAR REFLEX CAMERA - F 3.5, 2¼ x 2¼ single lens, 1/25 to 500 shutter, case. Used only once. Asking \$50. Otto Schneider, Ext. 2222.

35 MM KODAK - Retina Reflex, F1.9 with case and filters. Alex Elia, Ext. 618.

REFRIGERATOR - 11.9 cu. ft., 75 lb. freezer; G.E. washer and dryer. Ext. 359 or AT 6-8292

WATER SKIS - Apco, with tow rope. Cost \$35, sell \$20. Mapes, Ext. 2135.

MOTOR SCOOTER - excell. cond., buddy seat, windshield, spare, rack. C. Reynolds, Ext. 541.

POWER MOWER - 18" self-propelled reel. Runs well. \$20. Dale, Ext. 2511.

PHILCO TV - 20", console. Clean mahogany cabinet, excell. pics and sound on all channels. \$35. G. Kiriokos, Ext. 422.

30" ELECTRIC RANGE - Westinghouse, deluxe model, 5 years old. Excell. cond. \$50. Also, kitchen sink with faucets and spray. \$5. Roland Sollanek, Ext. 311, or LT 9-5469.

KIRBY VACUUM - all attachments, used little. Will sell for balance of payments, abt. \$100. Ext. 639 or AT 6-0372.

KITCHEN TABLE - and 4 chairs. \$10. Frank Rumph, Ext. 2221.

HELP - keep us from retirement: 2 floor furnaces, kerosene; 1 30-gal. elec. hot water heater. Please give us a home. AT 1-9269 aft 6.

TOOLS - Craftsman wood lathes, cutting tools, motor, \$50; tilt table, 8" circular saw, bench, and ½ h.p. motor, \$60; Westinghouse dehumidifier, like new, \$75; Hobart reconditioned elec. meat slicer, 9" cut, like new, \$300; 5 h.p., 3 phase Century motor, \$75. James Keegan, Ext. 2257.

FOR RENT

Large home containing 4 bedrooms, 2 baths, and spacious living room with fireplace; located in Bellport; furnished but reasonable; 1 yr lease. AT 6-8514.

LOST AND FOUND

Lost: Child's white and purple print swim suit in pool locker room Aug. 8. E. der Mateasian, Ext. 2307, or AT 6-0932 aft. 5:30.

Found: Towels, bathing suits; wrist watch, green and black band; key marked B-10; pen knife. Personnel Services, Ext. 2107.

WANTED

Experienced couple are looking for a 25'-35' cabin cruiser to deliver to Florida in Sept. or Oct. Don David, Ext. 686.

GOOD HOME - for French Poodle pup, 4 mo. old. AKC reg. 76 Railroad Ave., Sayville.

HOUSE - to rent, 2/3 bedrooms, furnished, for 1 yr. starting in Sept., in district with good high school. Pref. Bellport or Bayport area. Ext. 2540.

UNFURNISHED HOUSE - to rent; 3/4 bedrooms, fit old-fashioned, bulky furniture. George Woodwell, Ext. 719.

DRIVER - to take car to Berkeley, Calif. in early Sept. Ext. 405 or 504.

STROLLER - lt. wt. for traveling, in good cond. Koppel, Ext. 466 or HR 3-3933.

CAR POOLS

Want to form a 2-man car pool from South Country Shores, E. Patchogue. Hank Houtsager, Ext. 2430.

Ride wanted from Conklin Ave., Patchogue. P. Ferrigno. Ext. 2273.

Car pool wanted for East Patchogue area. S. Protter, Ext. 394.

Rider or driver, Stony Brook-Setauket area. Start at once. Kelsch, 354.

Driver wanted for existing 4-man car pool from Bayport. Must be reliable. Ext. 2236.

ANSWER TO CHESS PROBLEM

WHITE

1. —
2. P x B
3. N - N3
4. K x R

BLACK

- B x N
- P - B4
- R - B
- B - N5 check.