

# the Bulletin Board

VOLUME 14 - NUMBER 21

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JANUARY 31, 1961

## RICHARD III

On Monday, February 6, the BERA Film Study Group will present Laurence Olivier's color production of Richard III based on the play by William Shakespeare. TIME Magazine said of the film, "The cast that Olivier has assembled is a 'Who's Who' of the British theatre - Sir John Gielgud, Sir Ralph Richardson, Sir Cedric Hardwicke, Claire Bloom, Pamela Brown - and they play, for the most part, with a remarkably even and deep-breathing power. Olivier himself interprets the title role with a mastery so complete that Richard III in this generation can surely never be himself again."



NEWSWEEK called it "the year's most exciting film." The dark history of a wicked king - an interwoven pattern of literature, history and legend - springs to exciting life on the screen. Here are pageantry and social portraiture, all the political elements that made possible a hunchbacked king's career of brutality and crime in medieval England. Here is soaringly loveliness of speech, image, costume, setting. Above all, here is the genius of Shakespeare interpreted by one of the most magnificent casts of actors ever assembled for a film, directed by the most superb Shakespearean of our generation.

Single admission for employees and guests is 90¢. High school students will be admitted for 50¢. The film will begin promptly at 8:30 p.m. in the Lecture Hall.

## BNL HOLIDAYS 1961

The following holidays will be observed by the Laboratory during the remainder of the 1961 calendar year:

Wednesday	February 22	Washington's Birthday
Monday	May 29	*Holiday
Tuesday	May 30	Memorial Day
Tuesday	July 4	Independence Day
Monday	September 4	Labor Day
Thursday	November 23	Thanksgiving Day
Friday	November 24	*Holiday
Friday	December 22	Half Holiday
Monday	December 25	Christmas

\*Additional holidays.

## AUDIENCE LIKES PLAY!

"Detective Story" brilliantly presented by the BERA Theatre Group should have been titled "A Night To Remember". The audience sat enthralled for two and a half drama packed hours and will not soon forget the memorable performances of the entire cast of twenty-eight.

The action of the play takes place in the detective squad room of a New York precinct police station in August, 1959, and depicts the cases the detectives are called upon to cope with.

Beneath the main theme, however, runs the story of Detective McLeod, a man filled with principles but devoid of heart and sympathy.

"The Detective Story" as portrayed by the Theatre Group contained a good mixture of laughs and tears and excellent talent.

A record-breaking number of people attended the play; total attendance for Thursday, Friday, and Saturday was well over 800. This figure is especially impressive in view of the snowstorm on Thursday night.

## PERSONNEL SERVICES

The following items may be purchased at Personnel Services, 58 Brookhaven Avenue, at the present time:

FILM (ALSO FILM PROCESSING)  
RADIO AND TV TUBES  
COFFEE

Any profit derived from the above sales is given to BERA.

## ENGINEERS TO VISIT BNL

A group attending the American Institute of Electrical Engineers meeting in New York City this week will visit the Laboratory on Thursday, February 2. There will be about 70 people in the group.

## CIVIL DEFENSE I.D. CARDS

All Civil Defense I.D. Cards issued by the Laboratory are now invalid. All present holders of such cards are requested to return them to the Security Office for reissue of new type cards or for cancellation if no longer required.

Civil Defense credentials are issued only to personnel (including AEC) who are essential to the operation of the Laboratory during a time of emergency when roads to the Laboratory are closed by Civil Defense forces.

## WORLD SERIES

### OF PROFESSIONAL TENNIS

Discount tickets to the World Series of Professional Tennis are now available at the Personnel Office, 58 Brookhaven Avenue. This event, which will take place on February 8 at Madison Square Garden, will feature Pancho Gonzales, Lew Hoad, Alex Olmedo, Barry McKay, Earl Buchholz, and Andres Gimeno.

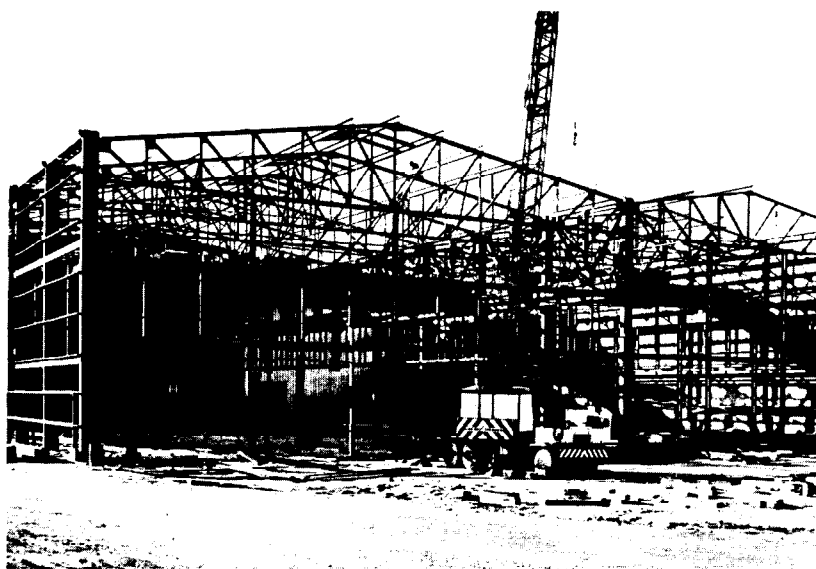
## BNL SAFETY RECORD

There have been no disabling injuries at BNL thus far in 1961.

# AGS EAST EXPERIMENTAL BUILDING UNDER CONSTRUCTION

A 60,000 square foot experimental building is under construction at the Alternating Gradient Synchrotron. The 458 × 166 foot building is being constructed in an L-shape around the existing Target Building. It is expected that the new facility will be completed in July, 1961. The framework has been erected, and the installation of the walls of insulated aluminum panels and the roof is almost complete.

Malan Construction Corporation is the general contractor. Stone and Webster Engineering Corporation designed the building and is supervising its construction. The structural steel was fabricated and erected by the American Bridge Division of the U.S. Steel Corporation.



Six years ago, when the existing Experimental Area was laid out, it was thought that a large number of experiments could be performed in small isolated movable houses scattered outside the Target Building. Since then, technological developments have resulted in experiments which require beam layouts up to several hundred feet in length, containing large numbers of analyzing, bending, and focusing magnets, electrostatic beam separators, vast arrays of counters, and very large bubble chambers. These developments, plus the requirement of rapid movement of experimental set-ups, dictated that the new areas be covered by overhead traveling cranes and that they be enclosed with a weather shell.

The huge new building will consist of one 56' high main room. Within this will be a two story structure containing an operations office and rest room on the first floor, and a control room on the second floor which overlooks the experimental area. This control room will contain various alarms, timing and control circuits and equipment. To indicate the large scale of the new building, when one of the two forty-ton overhead cranes (now installed in place) was being shipped to BNL, it had to be carried on three railroad cars because of its 96 foot length.

The electrical services will be carried in ladder-type racks along the wall of the building. Electric power will consist of very heavy 480 volt power for particle beam analyzing and focusing magnets, and 120/208 volt power for minor power requirements.

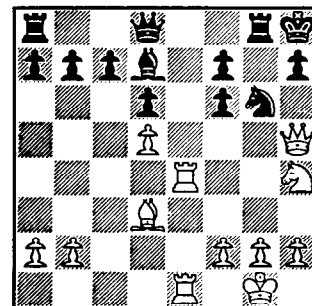
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## DISCOUNT TICKETS FOR MUSIC MAN

Discount tickets for the hit musical THE MUSIC MAN, starring Bert Parks, are now available at the Personnel Office, 58 Brookhaven Avenue. The show is playing at the Broadway Theatre in New York City. Other shows and games for which tickets are available are:

EPITAPH FOR GEORGE DILLON,  
Actors' Playhouse (Sheridan Square),  
NYC  
NEW YORK RANGERS,  
Madison Square Garden  
MARINE RECREATION SHOW,  
Island Garden, W. Hempstead  
PEPE, Criterion Theatre, NYC  
WORLD SERIES OF PROFESSIONAL TENNIS,  
Madison Square Garden (Feb. 8)

## CHESS



In this week's problem it is white's move and win. This game was played between Spielmann, playing with white, and Duras at Carlsbad in 1907. Answer elsewhere in this week's BULLETIN BOARD.

## SKI CLUB NOTES

The second trip planned for this coming weekend has been postponed until the weekend of February 18th and 19th to the Rutland region of Vermont. Deposits will be due by Wednesday, February 8th. For further details call Ginger Moore, Ext. 301-40 or John Walsh, Ext. 454. The next Ski Club meeting will be held in the Recreation Building on Monday February 13th at 8:00 p.m.

**ALSO** - anyone interested in a ski week at Stowe, starting March 6, please call E. Raka, Ext. 310.

## DECORATIONS CLOSE GYM

The decorating committee for the BERA dance will move in and take over the Gymnasium for the whole of next week. Starting Monday, February 6th, all physical activities will be cancelled. All schedules will be resumed when the Gym opens again on Tuesday, February 14th.



## BERA BOWLING

### BLUE LEAGUE

The Techs continued to maintain first place in the League by taking three points from the Pacers. Larsens 228, 204-610 series, together with Wessel's 211-522 series and Hildenbrand's 198-516, were too much for all but Jackson who bowled a 200, 192-563 series.

The Splitters (2nd place in League) took 4 from the Powermites and will be bowling the Techs this week, Position Night. Best series for the Splits was Sick's with a 197-506. The four Powermites need a fifth.

The Nuclides came through with the first legitimate tie game when they bowled the Meteors. The Nuclides took the edge on points -  $2\frac{1}{2}$  to  $1\frac{1}{2}$  for the Meteors - close contest - Top score for each team was a 167. Names withheld to protect the reputations of the stars.

The Snafus took all the marbles from the Bubble Boys. Uddman was the big man with a 205, 191-566 series. For the Bubble Boys, Ferrante bowled a 199, 190-538 series.

Blue Ball to Dick Larsen - second time winner with 610 series (Dick has no handicap).

### GREEN LEAGUE

The Old Timers II won over the Old Timers III 3-1. T. Holmquist and Keating continue to do their part in bringing the team through. Holmquist's 513 series and Keating's 524 series helped a lot. The Fire Dept. split with the Electrons. P. Levy had 220-575 and C. Tomesch had 516 series for the Electrons. Kinney had 191-555 and Strier 504 for the Fire Dept. J. Gilmartin pulled his team out of the cellar and into sixth place by beating the Reefers 4-0. The Old Timers I had a high series of 537 by Gilmartin and Reilly had 502. The Mole-Stars dropped 4 points to the Black Birds and took over last place.

### PURPLE LEAGUE

The Woodbutchers and the Designers rolled off their match to a tie 2-2. The Woodbutchers, sneaked out a game by 4 pins on the league-leading Designers. For the Woodbutchers it was W. Milian 191-497, A. Benson 166-445, W. Ruppert 165-469. Designers were J. Cuccia 170-484, A. Texiera 201-496, E. Sperry 186-504. The Scotches, with Freddie C. back in the lineup, took 4 points from Fiscal. Helping were Scotches' W. Johnson 176, B. Galen 199-532, P. Reamy 191-507, J. Nocar 202-497. Fiscal had B. Rutkowski 174-446, H. Bohn 155-442, and R. Coughlin 149.

The Bowl Aids caught the Phoubars sleeping and took 4 points from them. Bud Sawyer and Joe McIver bowled like twins. First game Bud took by one pin, 2nd Joe by one pin, last game tie all. B. Sawyer 142-369, J. McIver 143-369, E. Walsh 159-466. Phoubars had B. Brown 151, D. Vogt 169-475.

The Dirty Birds led the Hopefuls down into the cellar and took 4 points from them. The Dirty Birds doing the leading were A. Dick 164-469, J. Buck 165. The Hopefuls last to go were J. Booker 135, K. Thompson 131.

## BERA EXECUTIVE BOARD ELECTION

The terms of three members of the Executive Board of BERA will expire on March 1, 1961. The Nominating Committee of BERA presents the following slate of eight candidates. Three are to be elected for a term of two years.

Ballots with voting instructions are being distributed this week to all employees.



Left to right, top to bottom: John Binnington, Research Library; Red Carsten, Health Physics; Don David, Physics; Bob Fuchs, Reactor; Jerry Knapp, Directors; Blanche Laskee, Reactor; Jim Stangby, Biology; and Pat Towey, Physics.

**AGS East Experimental Building - continued**

Services will also include piping for experimental magnet cooling water systems, a high pressure helium system for bubble chamber operations, compressed air, and domestic water. Among protective features to make the building safe for experimental work with liquid hydrogen and other potentially dangerous materials will be special air and gas vents, combustible gas alarms, and thirty special high capacity roof fans and automatic air intake louvers.

The existing target building contains 25,200 square feet. When the East Experimental Building is completed there will be approximately 85,000 square feet of experimental area at the AGS, compared to 18,700 square feet in the recently enlarged facilities at the Cosmotron. In addition, excavation has been completed for the Bubble Chamber House, and the contractor who will build the concrete foundations and blast walls is now at work. The Bubble Chamber House will house the 80-Inch Bubble Chamber which is now being fabricated (January 17, 1961 BULLETIN BOARD). This building will be located north of the AGS just off Fifth Avenue.

**BERA VALENTINE DANCE COMING UP**

A re-enactment of the above scene will take place at the Gymnasium when BERA presents its Valentine Dance on Friday, February 10th from 9:00 p.m. to 1:30 a.m.

The star attractions will be the 2 drummers, 4 saxaphones, 1 bass fiddle, 3 trumpets, 1 trombone and 1 piano player who make up "The Starlighters." The band, with which we East-enders are not too well acquainted, is a local favorite "out West" - around Jamaica.

Admission charges will be collected at the door. Employee and escort \$1.50 each, guests \$2.00. All guests will be required to register and receive Visitors' Exit Passes.

Beer, ginger ale, club soda, and Seven Up will be sold at the refreshment counter at a nominal cost. For those who prefer - bring your own bottle. Chips 'n Pretzels, as well as plenty of ice, will be furnished.

The entertainment committee has been working on a very interesting door prize, decorating ideas are all in, unusual entrance give-aways are planned, and the decorating committee will begin their work next Monday. Additional help is still being recruited to lend a hand on Tuesday, Wednesday, and Thursday nights (February 7, 8, and 9). Call G. Sabine and offer your talents or come down on any of these nights and pitch in.

**ANSWER TO CHESS PROBLEM**

Spielmann beats Duras by:

WHITE	BLACK
1. R - K 7	R - N 2
2. B x N	B P x B
3. N x P check	K - N 1
4. R x R check	Duras resign

**SWIMMING POOL SCHEDULE**

Tuesday, Wednesday, Friday

7:00 p.m. - 10:00 p.m.

Thursday

5:00 p.m. - 10:00 p.m.

Admission: 35¢ for employees and family members; 60¢ for guests.

**BASKETBALL LEAGUE****SECOND HALF STANDINGS**

	WON	LOST
1. Big Five*	2	0
2. Health Physics	2	0
3. Odd Balls	1	1
4. Old Timers	1	1
5. Pick-Ups	0	2
6. Biology	0	2

\*Won first half with a record of 7-0.

**CLASSIFIED ADS****WANTED**

INFORMATION - leading to the identification of my unknown friends who have effectively relieved me of a substantial portion of my suffering. Want to tell them personally of my gratitude. I am already working on fingerprint files with little success. Please call Ext. 436, or evenings SEtauket 6-0923.

**CAR POOLS**

Wanted - car pool to BPI in Mineola Fri. eves. during Spring Semester. T. Fishman, Ext. 2289.

Interested in joining carpool from Huntington Station area. M. Steinberg, Ext. 340.

Looking for fifth car to join four-car pool leaving Maspespequa daily at 7:15 a.m. Call Ext. 559 or 2293.

Driver wanted for existing all driver carpool from Sayville-West Sayville area. Call J. Daane, Ext. 779.

Want to join car pool from vicinity of Blue Point Ave. & Middle Road. Joe Shaber, Ext. 553 or 2106.

Want ride from Wading River to Lab. D. Meehan, Ext. 2398.

Wish to join car pool or get a ride from vicinity of Washington Ave., N. Patchogue. My references are reliability and being on time. Jack, Ext. 676.

Would like to join car pool from vicinity S. Country Shores, E. Patchogue. M. Darden, or AT 6-8205 after 5:30.

# *the Bulletin Board*

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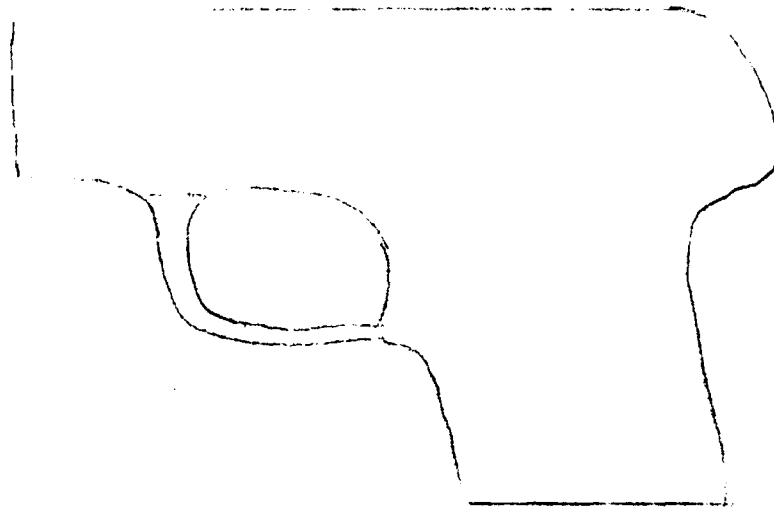
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## EXTRA!

### REPEAT PERFORMANCE

### *Detective Story*



Due to the large numbers of people who missed seeing Detective Story because of inclement weather last week, and heavy popular demand for another chance to see it, a performance of the play will be given on Sunday night, February 5.

Tickets will be sold at the door, and advance purchase of tickets may be made at the Cafeteria at lunch, the Personnel Office, the Recreation Office, or from Bob Fuchs (Reactor). Tickets purchased previously will be honored.

8:30 p.m. in the Theatre. Admission \$1.00.