NOVEL FEATURES TO BE SHOWN ON OPEN HOUSE NIGHT

Laboratories To Show Many Engineering Principles

DANCE FEATURED

(Continued from page 4) many other gyroscopic demonstra-tions will be presented. These are only a few of the many experiments

that will be in progress.

A visit to the civil filtration pla at 3343 Federal Street will be worth while. It is capable of deliver-ing 36,000 gallons per day and contains all the treatment processes us in modern waterworks practice. On the third floor of the Mission build-ing in the drafting room will be shown design drawings of bridges, roof trusses and buildings, both ste and concrete, airplane performance calculations, weather maps and navi-gation charts. Transits, levels, sexants and other smaller civil instruments will be on display.

Machanical Labs in Operation

Prominent among the exhibits is the demonstration offered by the the demonstration offered by mechanical department in the be ment of the Main building. The draulic lab will be in operation, show-ing the various phases of the field of mechanical engineering. Wood cut-ting by means of water has always drawn a big crowd. Concrete and steel will be subjected to compres-sion, tension, and torsional tests; fea-turing the characteristics of each under the existing conditions. Air flow

ill be measured in the large blower. All the aspects of fire protection All the aspects of fire protection engineering will be pictured in room D in the basement of the Mission building. A demonstration of the in-ternal action of soda-acid and foam extinguishers can be seen here, the important types of these extinguishers being on view. Model valves for sprinkler systems and a complete display of sprinkler heads have been at ranged. A portable exhibit of sprinkler, fire alarm, and burglar systems, from the A. D. T. Company, can be seen, and will be explained by the demonstrators.

Chemikers Have Good Show

The fourth floor of the Main building will be a scene of great activity due to the fact that it houses the laboratories of the chemical department, whose members promise a very good show. The manufacture of rubber snow. The inalitate of the products and other plastic materials will be shown at the south end. Chemical processes such as the extraction ical processes such as the extraction of vanadium and uranium from ore, the synthesis of intermediates and dyestuffs, the bleaching of petroleum oil, and the purification and clarification of the water supply will be shown. Pulp and wood paper will be annufactured. Students will explain the calibration of instruments, different methods of distillation and filtration, and also the flow of heat from one weldium to another. An infrom one medium to another. An in-teresting exhibit is the metallurgical microscope showing the structure of steel and cast iron.

At the north end of the hall the sophomore chemicals hold forth, ex-hibiting such things as the manufac-ture of medicines and dyes, and general chemical reactions. A model dyeeral chemical reactions. A model dye-ing machine will be in action showing every process. They will have exhib-its of chemilluminescence, which is the glowing of chemicals. A model printers ink exhibit will be shown. The destructive distillation of coal and the obtaining of the many by-products will be performed. The freshman class of chemistry will be under full operation on the south end of the third floor. Their work differs from that of last year, embracing both qualitative and quantative chem

Tesla Coil on Exhibit

The display of the electrical de-partment is outstanding. The future electrical engineers have prepared a formidable array of experiments and demonstrations that leaves little to be desired, showing many exhibits that comprise the major divisions in little divisions in the division in the division building will be the great Teals coil and other high frequency phenomena which always formidable array of experiments and demonstrations that leaves little to be desired, showing many exhibits that comprise the major divisions in their laboratories. In the Assembly

Critic Sees Triumph for Players in Their First Evening Production

By R. H. Knabe

Last Friday evening the Armour Players presented their first large production, a three-act play, "The production, a three-act play, "The Romancers" by Edmond Rostand. The play is primarily a farce and, to some extent, a satire on romantic adventures.

We have nothing but commendation The fact for the work of the players. The fact that we were able to forget that these were our classmates, fellows from school whom we see every day, and lose ourselves in the story, speaks well, we think, for their work.

Our personal selection for the best erformance is Carl Shermer as Pasquinot, closely followed by Sidney Kreiman as Bergamin. However, Clarence Clarkson, the buxom Syl-vette, very evidently was the popular vecte, very evidently was the popular choice, while his (her) lover, Sidney Miner, came in for a full share of approbation.

Straforel the brave, played by Herman Ross, we enjoyed very much, finding something strongly appealing

his whimsical mercenarianism. Mike Pantone as Blaise, the gardener, was excellent in his pantomine but he failed to put enough resonance into his voice to carry his humble tone to the far end of the room.

Percinet maintained the comedy very effectively by awkwardly climb-ing the stone wall to rescue his sweet-heart from the abductors, while they patiently waited for him to make the heroic attack.

Scenery and lighting effects for this production were very good, con-sidering the limitations placed on them. The shallowness of the stage prevented any more effective hiding of the abductors, and presented a problem in stage layout. The stage was very well lighted, and the coswas very well ignied, and the cos-tumes were well designed, that of Staforel being especially vivid. In brief the technical staff did a very good job of preparing a noteworthy background for the play.

cause awe and respect to arise in the audience. The physics lecture room on the second floor of Main will house a demonstration of color and ultra-violet light.

violet light.

A popular room will be the Electrical laboratory at the south end of the second floor in Main. Electrical appliances of all kinds will be displayed and the actions interpreted. Be sure and see your automatic telephone in action with the whole mechanism laid bare to disclose the integral parts, stay to marvel at the feat of operating a drinking fountain by merely interrupting a light wave.

Observe how the photo-electric cell observe how the photostrolling the amount and type of illumina-tion in stores, factories, etc. It is even possible now to control mechanequipment by the use of the voice. Hear an engine respond to the orders of the student operators. In addition to these there will be an artificial fever producing machine now ficial fever producing maximize not assuming greater importance in the field of medicine in curing fevers such as typhoid and malaria.

Know Thyself

Step right up folks. Show every-one how much horse power you are capable of delivering. The Dynamo Laboratory will afford you opportun-ity to perform your feats of strength. Also you can see lab tests of induction and single phase repulsion motors. Wave forms of many kinds will be impressed on the oscillograph, allowing you to see the forms assumed by various sounds such as your speech.

The architects again are exhibiting their drawings in the foyer of the Main building.

The library on the first floor of the Main building is displaying its collection of rare books, the list ap-pearing elsewhere in the paper. In the library also, a photographical exhibit has been prepared, consisting only of pictures made by student en-thusiasts. These will show, among many things, views of the past fracases of the sophomore and freshman

The musical effects, which were Ine musical effects, which were furnished by the Armour Tech Or-chestra, conducted by O. Gordon Erickson, were very effective and helped to create the proper mood in e audience for maximum enjoyment

of the show. Comments by several distinguished rsons in the audience varied slightby, but all felt that the actors and technicians did commendable work. Doctor Hotchkiss especially commented upon the scenery and lighting effects, while his wife admired Clarence Clarkson's ability to sustain his feminine voice.

When asked for his opinion of the play Professor Dutton said, "It was a dandy show. The heroine was play Professor Dutton said, "It was a dandy show. The heroine was sweetly feminine, and everyone in the east is to be congratulated." He the cast is to be congratulated." also explained that the stage setting was fine since it furnished a beau-tiful and necessary background and at the same time was not conspicuous or diverting of the audience's at-tention from the play.

Professor Hendricks, director of

the play, when asked for his reactions to the show said that he was well satisfied with the work of the entire group. In answer to the ques-tion, "Will the Armour Players produce another three act play next year?" he said that they hope to do so, and on a larger and more flexible stage. He also mentioned that since the audience seemed to be so appre ciative, the Armour Players, includ-ing himself, felt well repaid for their

The remarks of the audience, while leaving, were so complimentary that it appears that the Armour Players have definitely established themselves as a notable institution at Armour.
The favorable reception of this first large production argues for continued development and progress of this

In dramatic organization.

The players will hold a meeting next Wednesday, and definite plans for the future will then be made.

LATE SPORTS

The latest news flashes show that the Armour baseball team traveled Michigan and defeated the strong to Michigan and dereated the strong Michigan State Normal team by the score of 8 to 6 to avenge an earlied defeat suffered here at Ogden Field Morelli pitched and received credit for the victory. Saturday, Hillsdale College fell before the power of the strong Tech nine. Hayes allowed just one run during the game, the final score standing Armour 6, Hillsdale 1.

These two wins plus the Lake Forest victory gave the Krafftmen a clean sweep of last week's games.

Rare Books to Be Shown in Library

Exhibits in the library on Open House Night will be greatly im-proved and a more elaborate display will be had this year than ever in the past.

The old illuminated manuscripts

of the Armour library will be opened to view but will be found in different quarters. In the past the books were stationed on the librarian's desk and there observed by the public; but, since these books are old and antiquated, they can not stand the excess handling given to them on this night. Proviions are being made to place them

in glass cases.

The other exhibit is a display of one of the hobbies of a few of the students at Armour. A similar exhibit was held last year in A Main but due to the success which it re-received, a better environment is of-fered to the photographers by the librarians. Some of the photographs are those taken at school by J. M. Bard, R. Mansfield, G. I. Nakayama, and T. Wallschlaeger Scenes of last year's class rush, tapping the eupoin, and various photos of A Century of Progress including a colored scene of the inside of the Horticultural Building will be submitted by R. Mansfield. Pamous prints that hung in various salons in the United States will be presented by Ted Wallschlaeger. An Armour alumnus who is a member of Fort Dearborn Camera Club will also have a display. and T. Wallschlaeger . Scenes of last



Lost week saw the 1.000% teams Last week saw the 1.000% teams oblige by falling in defeat. As a result, eight teams rather than four remain in the league. All have lost one game, and all possess three wins, but the Sr. C. E. and Soph M. E. The Civils head the pack with four wins, while the M. E. team has won two of three scheduled.

games which provided the proverbial monkey wrench: Bodenmann (3)—Merz (0)

Sr C. E. (7)-Sonh E. E. (5) Sr. C. E. (7)—Soph E. E. (6)
Sr. C. E. (8)—Jr. E. E. (4)
The Soph M. E. shoved out the
Sr. E. E., 11-8, to offer a little help in finishing this mammoth tourna

Now that 8 teams remain, the even standing provides a simple so-lution as far as schedules go. All have been bracketed and the pairings posted on the bulletin board. If the principals will kindly match open hours and play their games, the end should soon be here. The first game announced to the supply store gets the period in question, and only one cam at a time!

Sr. C. E. Awarded!

The Sr. C. E. get the burnished garboon this week. They smacked down both the unbeaten double E teams and thereby look very hot for teams and mereby now very new or future progress. Popup Pfium was consistent, still trying to draw rain! Boy, can he hit 'em high! Len Marcus smacked another homer over the distant fence. R. A. Fleissner bob-bled a couple—he'd better look out or a nickname will get him.

Tech track rooting section boasts a real Techawk rooter. Fair weather or foul means nothing to this loyal supporter. Mrs. Nelson, mother of Tech's track captain is this patriotic person; this surely is something for the student support-ers to shoot at.

Hash Houses Beware!

Armour golfers make an extended trip to Bradley and Illinois Wes-leyan this Friday and Saturday. Upon notice of these matches all restuarants and eating establish-ments of Southern Illinois have been warned, especially, against the arriv al of Tom "Muscles" W Manager "Popup" Pflum. Wattley and

The juniors have Alex Kulpak and Lew Roberts to lead their trackmen in hope of taking the awards for juniors. Then they selected "Bucky"
O'Connor to lead the fast ball indoor interclass team. The juniors
are right in line for plenty of medals.

Roberts Is Elected to Lead Track Team

After the Elmhurst track mee ast Saturday afternoon Johnny Lew Roberts, junior fire-protect and vet-eran of countless seasons of track competition was chosen by his team-mates to lead the Armour Engineers on the cinder path for the coming year. Johnny, who is really a modest and retiring youth in his late teens on or off the Tech campus, has teens on or off the Teen campus, has actually been a tower of strength ever since his freshman year in almost every field and race event except the long distances. His fine sense of humor, fleetness, and unusual vocal ability will stand him in good stead in all the tough situations to come. It is indeed fortunate that the Armour Institute of Technology has men of this stamp to lead her track men or this stamp to lead her track men year in and year out. In quot-ing Mr. Alonzo Stagg Jr., "Armour has had for years back, a long string of very great leaders, in Paul, Jens, Sademan Nelson and captain-elect Roberts."

co-managers.

ARMOUR LOSES TO ELMHURST SOUAD IN RETURN MEET

Thrilling Performances Conclude Season's Schedule

FINAL SCORE IS 67 TO 59

The Armour track team concluded its season by sustaining a surprise loss to Elmhurst College on the Elmhurst track. The small margin testifies to the sterling qualities of either team.

The two mile run was the most

exciting event of the meet. Callen, star distance man of Armour, sprinted down the home stretch well ahead of Camerer, but the Elmhurst man summoned forth an additional man summoned forth an additional burst of speed and won by a bare two inches. Callen's outstretched hand touched the tape first, but Camerer gave a final leap and breasted the finish line. It was Callen's best two mile this season.

Kirkpatrick Takes First The 440 yard dash showed the ability of Kirkpatrick, a freshman, whose lightning take-off amazed the Elmhurst spectators and gave him the race. Friede of Armour relinquished second place on the home stretch to Yager, of the Elmhurst squad.

Nelson, of Armour, nosed out De Turek to win the 220 yard low hurdles. The Elmhurst man had a good start but lost out on the final jumps. Roberts of Armour took an easy third place in this event.

Roberts Wins Hurdles The 100 yard high hurdles went to Roberts, of Armour. The close fight for second place resulted in Turek. Elmhurst and Nelson Armour, taking second and third place respectively.

The 100 yard dash was a closely contested race with Dreusicke, Elm-hurst all-around man taking first place and Carroll, an Armour freshman, nosing out Steve for second.

Carroll also took a third place in the 220 yard dash while the same Elmhurst combination took first and

Armour took four out of five first places in the field events. The javelin throw was won by Cordes, of Armour, with Roberts second and Kroll, of Elmhurst, third. Froteschi, the Armour muscle man, heaved the shot the winning distance and was followed by De Turek, of the Elm-hurst squad. Nelson won the high jump with a leap of 5 feet 8 inches. Kulpak and Hevrdejs, of Armour and Schroeder, of Elmhurst, tied for second place. Hevrdejs took first honors in the pole vault and Nelson and Kulpak took second and third places respectively in the broad jump event which was won by Dreu-sicke, of Elmhurst.

SUMMARIES

SUMMARIES
100 yd. Dash—Won by Dreusicke
(E); Carroll (A), second; Steve
(E), third. Time—:9.9.
220 yd. Dash—Won by Steve (E);

Dreusicke (E), second; Carroll (A),

third. Time—123.5.

440 yd. Dash—Won by Kirkpatrick (A); Yager (E), second; Friede (A), third. Time-:53.6.

(A), thrd. Time—33.0.

100 yd. High Hardles—Won by
Roberts (A); De Turek (E), second;
Nelson (A), third. Time—116.7.

220 yd. Low Hardles—Won by
Nelson (A); De Turek (E), second;

Roberts (A), third. Time—:26.1.

Half Mile Run—Won by Wolf
(E); Fleissner (A), second; Nelson

(A), third—Time—2:07.9.
Mile Run—Won by Wolf (E); Mile Run—Won by Wolf (E), Niensted (E), second; Camerer (E), third. Time—4.52. 2 Mile Run—Won by Camerer

(E); Callen (A), second; Niensted (E), third. Time—10:42.3. Javelin Throw—Won by Cordes

(A); Roberts (A), second; Kroll (E), third. Distance—14 ft. 4 in. Shot Put-Won by Frateschi (A)

De Turek (E), second; Kroll (E), third. Distance—38 ft. 1 in. High Jump—Won by Nelson (A); Kulpak (A), Hevrdeis (A), Schree-der (E), tie for second. Height—5 ft. 8 in. Broad Jump-Won by Dreusicke

Broad Jump—Won by Dreusicke [ferty (L) tied for first;
Nick Kuehn, track manager will be
succeeded next year by his two assistants Grakavac and Handler who
both will serve in the capacity of
[Nolson (A), second; Kulpak
succeeded next year by his two assistants Grakavac and Handler who
both will serve in the capacity of
[Nolson (A), brind Height—10 feet 6 inches.

Froad jump—Won by Dreusicke [ferty (L) tied for first;
[A), third Distance—22 ft. 1½ in. Hight—10 feet 6 inches.

Froad Jump—Won by Dreusicke [ferty (L) tied for first;
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[A], third Distance—22 ft. 1½ in. Hight—10 feet 6 inches.

Froad Jump—Won by Dreusicke [ferty (L) tied for first;
[A], third Distance—22 ft

Loyola Trackmen Defeat Techawks

The Loyola track team blew into Ogden field last Wednesday, amid the dust, and managed to defeat the Techawk team by a score of 45 to 81. The Loyola men came in ahead of the Armourites in nine events while the Techawks, led by Captain George Nelson, forged ahead in five events. George was again high point man, taking firsts in the high jump and the 440 yard run, and second in the high and low hurdles. The other first places rung up by the Tech men were: Frateschi in the shot put; Kuipak in the broad jump; and Cordes in the javelin throw. Four Loyola men scored double triumphs: Colletti won the two dashes; Blissinger tied with his teammate in the mile and won the two mile run; while Starett won both hurdle events; and Schott won the half mile and tied for first in the mile.

Loyola Takes Big Lead Loyola started the scoring when Colletti broke the tape ahead of Hof-herr of Loyola to win the 100 yard dash. Carroll of Armour was third. Blissinger and Schott of Lovola then won the mile run with Hanson of Armour coming in third. The terrific gale that blew throughout the meet was visibly slowing up the runners on the back stretch. The 220 yard dash was then run off and the results we the same as in the shorter dash. was not until Starett had won the 100 yard high hurdles that Armour came through with their first win of the afternoon.

Nelson Wins 440

Captain Nelson won the high jump with a leap of 5 feet 8 inches. Hevrdejs of Armour took second place. Then George showed his heels to J. Burns of Loyola and Kirkpat-rick of Armour to win the 440 yard run. This event developed the closest finish of the day as it was anybody's race up to the last stride. Callen's terrific sprint on the last lap of the two mile grind was not quite enough to overtake Blissinger of Loyola, Kulpak ended Armour's scoring when he won the last event on the program, the broad jump.

Load in Field Events
The field events, with the exception of the discus and pole vault, came Armour's way. The high jump, shot put, javelin and broad jump. In the javelin Cordes was the class as was Kulpak in the broad jump event. The two aspiring Tech pole vaulters couldn't quite make the grade and were deadlocked in third place.

The absence of Johnny Roberts, out with a leg injury, was felt al-though the points he usually gathers would have been insufficient to give Tech the meet. This is the second time this year that the Tech track-men fell before the Loyolans.

SUMMARIES

100 yd. Dash-Won by Colletti (L.); Hofherr (L.) second; Carroll

(A.) third. Time, 110.3.

220 yd. Dash—Won by Colletti
(L); Hofherr (L) second; Carroll
(A) third.

One Mile Run — Blissinger and Schott (L.) tied for first; Hanson

(A.) third. Time, 4:56.5.

109 yd. High Hurdles — Won by
Starett (L.); Nelson (A.) second;

Fleie (A.) third, Time, :14,

440 yd. Run — Won by Nelson
(A.); J. Burns (L.) second; Kirkpatrick (A.) third. Time, :54.2.
Two Mile Run—Won by Blissinger

(L.); Callelian (A.) second; Callahan (L.) third. Time, 11:15.

100 yd. Low Hurdles — Won by Starett (L.); Nelson (A.) second; J. Burns (L.) third. Time, 11:4.

Burns (L.) third. Time, 11:4.

880 yd. Run — Won by Schott
(L.); J. Burns (L.) second; Fleissner
(A.) third. Time, 2:11.

High Jump—Won by Nelson (A.);
Hevrdejs (A.) second; Bejcek (A.)

and Hill (L.) tied for third. Height, 5 feet 8 inches.

Discus—Won by Christiansen (L.):
Koeiper (L.) second; Reimann (L.)

Shot Put—Won by Frateschi (A.): Christiansen (L.) second; Reimann (L.) third. Distance, 39 feet 3 inches.

(L.) third. Distance, 39 feet 3 mehes.
Javelin—Won by Corues (A);
Callahan (L) second; Byane (L)
third. Distance—162 feet.
Pole Vault—Chippende and Rafferty (L) tied for first; Concolino
and Hevrdejs (A) tied for third.
Whight, 16 feet 8 inches

Broad jump Won by Kulpak (A): Hofherr (L) second: Schroeder (L). Distance—20 feet 9% inches.