

# Armour Tech News

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Armour Institute of Technology, Chicago, Illinois

Tuesday, February 22, 1938

## Players Present One Act Comedy Today at 11:30

### 'Marriage Proposal' First 1938 Effort

The long delayed opening of "Marriage Proposal" will come to pass today at 10:30. It is the Armour Players Guild's first 1938 effort, and is shiny and new from every angle.

Armourites have never seen the likes of "Marriage Proposal." It is a high geared one act comedy from the pen of Anton Chekhov, the popular Russian playwright. The play's title reveals the plot. A laugh-a-minute pace is maintained in viewing the difficulties encountered by a young Russian Romeo trying to put a marriage proposal across to his Russian Juliet.

#### Three Newcomers

Three newcomers to the Armour stage will make their debut in this production. For the feminine lead, the guild was fortunate indeed to secure one of Broadcast Production, Inc. brightest stars, Miss Yvonne Kavanaugh. With all her experience in radio and plays, the very attractive Miss Kavanaugh should find her difficult role an easy task. Playing opposite her is, Jorma Leskinen, a freshman. This is Leskinen's first venture into dramatics. Although he is totally lacking in experience, he has displayed enough determination and ability to learn acting in past rehearsals to warrant the male lead. The third newcomer is a junior, John Keane. Keane is also without acting experience, but he now handles his lines like a seasoned veteran.

#### Cast Now Complete

The complete cast includes Yvonne Kavanaugh, Jorma Leskinen, and John John Keane.

Prof. Homer C. Combs and his assistants, Pantone and F. MacConnell have done a fine directing job. Tickets, which have been on sale since last Friday, may still be obtained at 10 cents per ticket. The technical staff, which is in charge of ticket distribution, includes:

Wm. Buckman—Stage Manager.  
R. Brinkman, R. Underhill—Props.  
B. Sternfeld—Publicity.  
M. Pantone—Tickets.  
Tom Hunter—Costumes.  
G. Danforth, J. Rea, and G. Scott—Scenery.

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## A. S. M. E. to Conduct Contest to Choose Convention Delegate

On April 18 and 19, the American Society of Mechanical Engineers will hold its annual convention in Milwaukee, Wisconsin. Each chapter of the A.S.M.E. will send a delegate who will speak for twelve minutes on any subject of his own choice after which the assembly will discuss the speech for three minutes. A prize will be given to the student giving the best talk.

The Armour chapter of the A. S. M. E. will choose its delegate by means of a contest. Any member of the A.S.M.E. may speak for fifteen minutes on any subject at any of the meetings between now and the convention. The student, who in the opinion of the members of the A. S. M. E., gives the best talk, will be chosen delegate to represent Armour at the convention. In addition to a delegate, each chapter may also send a faculty advisor. The faculty advisor from Armour will be Professor H. L. Nachman. It is expected that several other members of the A. S. M. E. will go to the convention at their own expense.

Professor Nachman has not yet received the program for the convention but it is expected that there will be a business meeting, an inspection trip, a banquet, and several other activities.

On March 22, the national president of the organization will speak to the members of the Armour chapter. The next few meetings of the A. S. M. E. will be devoted to student speakers who will compete for the honor of being Armour's delegate.

## Chi Epsilon Elects Officers; Max Zar is New President

At a recent meeting of Chi Epsilon, honorary civil engineering fraternity, the following men were elected to serve as officers for the second semester: M. Zar, president; B. Peterson, vice-president; T. Speer, secretary; R. Braun, associate editor of *Transit*; Professor J. C. Penn, faculty advisor; and Professor R. L. Stevens, treasurer.

## March 30 Set as Date for Second Annual 'Dad's Night'

Plans for the second annual "Dad's Night" are being started, it was announced last Thursday by C. W. Dunbar, president of the Armour Tech Student Association. The event, which is scheduled for Wednesday, March 30, will consist of a banquet with entertainment and a general get-together between dads, students, and faculty. An athletic contest is not to be a part of the program this year.

The program will take place in either the Lake Shore Athletic Club or Medinah Athletic club. Temporary plans call for prominent men from Armour and outsiders to speak. The get-together between dads and faculty will be the feature of the program.

## Dr. Pease, '01, Dies; Renowned Scientist

Dr. Francis G. Pease, Armour alumnus of Mt. Wilson Observatory fame, died February 7 in St. Luke's hospital after a week's illness. Dr. Pease was a graduate of the class of 1901, receiving a B.S. degree in mechanical engineering. He received his M.S. in 1924 and his Sc.D. in 1927 from the California Institute of Technology.

For the past thirty-four years Dr. Pease has been associated with the Mt. Wilson Observatory. During the early years of his stay there he designed a majority of instruments for use in the observatory. Continuing on the design motif, Dr. Pease's most recent achievement was the drafting of plans for a 300 inch telescope. These plans were modified and with his help and suggestions the plans for the 260 inch telescope which is now under construction for use at Palomar Mountain were made.

Two of the achievements which earned for Dr. Pease a place in the scientific world are his measurement of stars by analysis of light waves on an interferometer, and his calibration of the speed of light.

Participation in professional societies was also part of the work of Dr. Pease. A fellowship in the Royal Astronomical Society, the Astronomical Society of the Pacific, the American Society of Mechanical Engineers, Optical Society of America and charter president of the Pasadena Engineering Society numbers his professional honors.

## Dr. J. F. McNamara Removes Open Safety Pin from Lung

In what was described as a most delicate operation, Dr. John F. McNamara, Medical Advisor and Examining Physician of Armour Institute retrieved an open safety pin, which for the past nine years, had reposed in the left lung of his patient, Mrs. Catherine George.

The operation was performed at Mercy Hospital a few weeks ago by Dr. McNamara, assisted by Dr. Carl H. Christoff. The pin was removed with a bronchoscope—a flexible tube equipped at the end with a small, light and delicate forceps.

Mrs. George inhaled the pin in 1929 but until recently it caused her no distress. Lately, however, she had been experiencing pains in the heart and lung.

## Snapshooters Vie for Cycle Contest Prizes

### Deadline for Pictures Mar 2; Faculty Entries Urged

In order to stimulate activity toward producing a good feature section in the new edition of the *Cycle*, the staff has instituted a contest which offers twenty cents for each picture used. A committee composed of faculty members will act as judges. The best picture, in their opinion will be awarded a five dollar prize.

Rules for the contest, as set by the *Cycle* staff, are as follows: pictures should be submitted in an envelope with the owner's name on the outside; the size of pictures to be about four inches by three inches; gloss prints must not have any identifying marks or names on back; and all pictures entered in the contest be placed in the *Cycle* box no later than Tuesday, March 2nd. Members of the faculty are also asked to enter pictures in the contest. All pictures will be returned.

Pictures to be taken Thursday, February 24 are:

- 1:00—Co-op Club Officers
- 1:15—Rifle Club
- 1:30—Campus Club
- 1:45—Senior Class Officers
- 2:00—Junior Class Officers
- 2:10—Baseball Team (Group and Individual)
- 3:00—Tennis Team (Individual)
- 3:30—Boxing Team (Group and Individual)
- 4:00—Wrestling Team (Group and Individual)
- 4:30—Golf Team (Individual)

Pictures of the co-op officers, senior class officers, and junior class officers were taken once, but as the negatives were spoiled, it is necessary to have the pictures retaken. Members of the athletic teams are to appear in uniform with bats, gloves, balls, golf clubs, and tennis racquets.

## J. R. Millar to Speak Before Seniors on Human Relations

"Human Relations" will be the subject of Mr. John H. Millar, president of the Millar Publishing Company, who speaks before a special assembly for seniors today at 10:30 in the assembly hall. The lecture will be the first of a short series of special lectures for seniors. The series is being conducted with a view to remedy the placement problems of the seniors upon graduation.

All seniors who have class appointments are requested to arrange with instructors to be excused from class for these occasions.

## A. I. E. E.'s Leave for Peoria Trip Tomorrow

Tomorrow the first of A.I.E.E. inspection trips of '38 will begin in the Caterpillar Tractor Company at Peoria, Illinois. The trip has been organized by the corresponding secretary of the A.I.E.E. and Professor Freeman, who will accompany the electrical students.

The Caterpillar Tractor Company is one of the largest manufacturers of diesel engines and therefore, should prove very interesting. The departments of metallurgy, drop forging, and steel fabrication are a few of the interesting highlights of the trip. The group will inspect the entire plant with special men assigned to explain each operation of the shops and laboratories. The students will be the guests of the company during the entire trip, and as added inducement, luncheon and supper will be served.

Some of the men plan to visit the Hiram Walker distillery, which is located across the river from the tractor plant.

This is the first of a series of educational trips organized for electrical students which will include the Electric Corporation in La Grange, largest manufacturer of diesel electric trains.

# Musical Clubs' Annual Concert at Goodman Theater Thursday

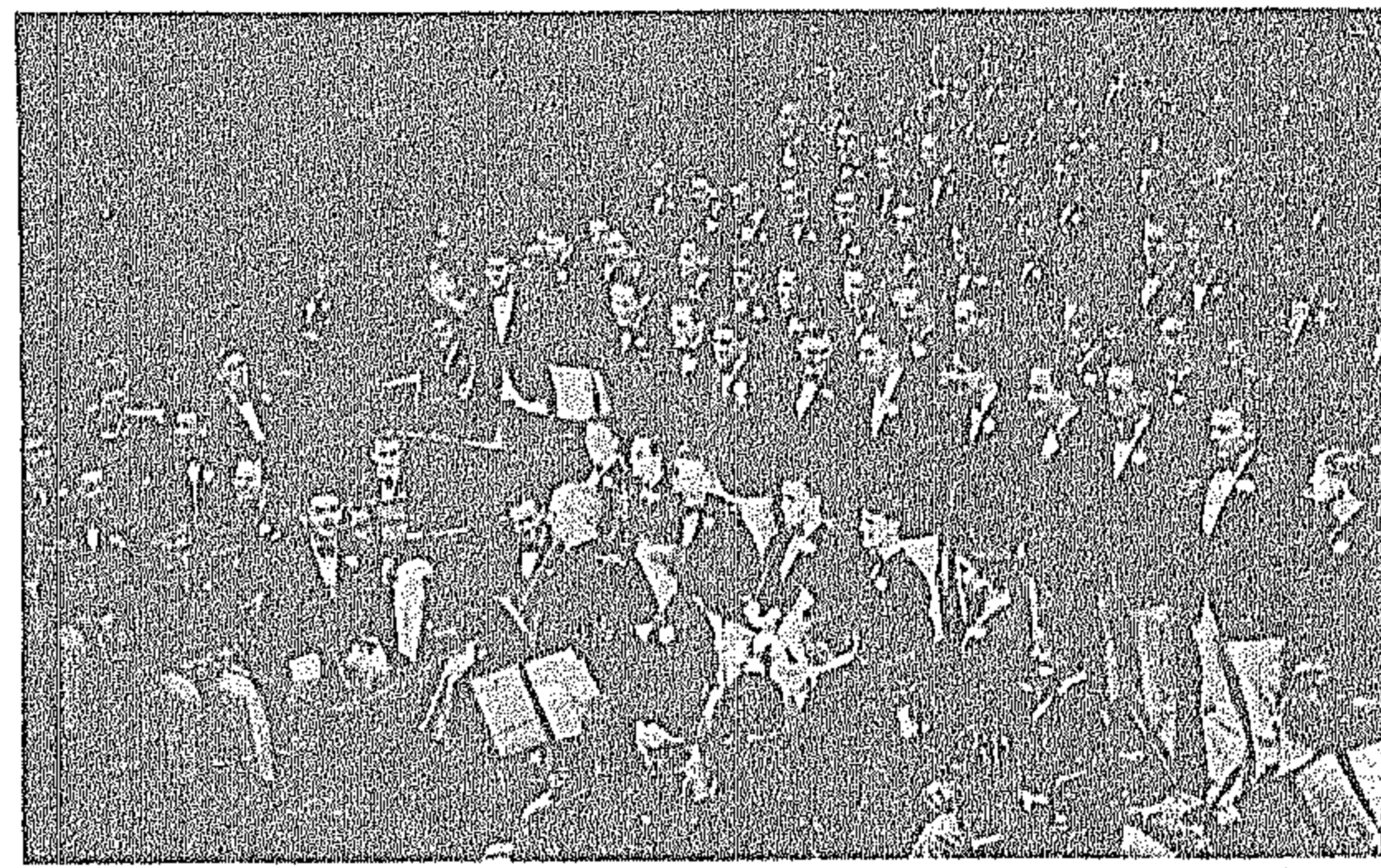


Photo taken at Goodman Theatre

Musical Clubs

## Supply of Tickets Diminishing

Confident that they will repeat their successes of past years, the Armour Tech Musical Clubs, under the direction of Gordon Erickson, will begin the third annual Goodman Theatre concert next Thursday, Feb. 24, at 8:30 p.m. This concert is by far the most ambitious project that the orchestra and glee club undertake during the school year. The Goodman Theatre, site of the concert, is located immediately behind Chicago's Art Institute.

#### Feature Several Soloists

The glee club, which consists of 75 members, will feature several soloists. Richard Vandekieft, tenor, will sing "Just You," by Burleigh, and Thomas Yeakle Jr., bass, will offer "On the Road to Mandalay," by Speaks.

Soloists of the 40 piece orchestra include George Danforth, who will play his own piano arrangement of Groffe's "Mississippi Suite," accompanied by orchestra and glee club. Adolph Rume, violinist, will play a solo part in "Adoration," by Borowski. The oboe solo in "Beneath Thy Window" will be played by Peter Woods. Other incidental solos will be taken by Harold Doolittle, trumpet, and William Mashinter, violinist.

#### Colored Background

Lighting effects, which have lended a popular background to past concerts, will play an important part in next Thursday's concert. These effects aid the visual as well as the oral senses by blending with the voices and instruments a myriad of color combinations to suit the moods of selections rendered. Design of the lighting combinations are attributed to student architect Danforth and graduate architect Lischer.

#### PROGRAM

- Herod Overture ..... Hadley Orchestra
- Adoration ..... Borowski
- Just You ..... Burleigh
- Fierce Was the Wild Billow... Noble Glee Club
- London Suite ..... Noble Meditation March Orchestra
- Plantation ..... Steiner
- Old Man River ..... Kern

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## Pre-engineering Class from North Central Visits Here

Under the directorship of Professor Garden, a group of twenty pre-engineering students from North Central College were conducted through the laboratories and class rooms of Armour Institute by several members of the Institute's senior class.

Two of the men assisting in the tour are former members of North Central.

## 'Color Press' Topic at Camera Meeting

The Armour Eye held its first meeting of this semester last Wednesday in their newly decorated rooms in Chapin Hall. Through the courtesy of the Eastman Film Company, a series of slides with explanatory reading describing a new type of color photography was presented.

This is a process in which relief images are formed on transparent supports and dyed with water soluble dyes. In this process, only the dye images are transferred to paper. The paper is said to imbibe the dye, and it is therefore called an imbibition process.

Two members of the club had charge of the program; P. J. Stanley operated the slide projector, while A. N. Fried read a paper describing this type of color photography.

## Radio Talk Given by A. Goldsmith

Did you know that the yellow-orange fog lights often seen on automobiles and trucks are purposely placed as low as they are? One might think, erroneously, that much of the available illumination would be lost. Such is not the case, however, because conditions frequently occur in which fog is less dense immediately above the road than at the usual headlight level. This actually enables the light to penetrate deeper into the fog. This fact was one of the many interesting points brought forth in the seventh quarter-hour program in the third series concerned exclusively with electrical engineering topics which was presented over WCFL at 7:15 p.m. last Saturday. Mr. Arthur Goldsmith of the electrical engineering department was the guest scientist of the program. The subject he discussed was "Electric Highway Lighting to Add to Safety in Driving." Mr. Alexander Schriber, publicity director of Armour Institute, was cast in his usual role of questions as interpreter.

Mr. Schriber pointed out that, "It has been proved that more than sixty per cent of deaths due to automobile accidents occur at night even though only twenty to thirty per cent of the total number of vehicle miles are travelled at night." While attributing this relatively larger loss to a number of factors, Mr. Goldsmith pointed out that lack of visibility is the chief cause for the majority of accidents. If it were possible to provide illumination equivalent to that obtained during the day time, the number of accidents occurring at night would be no more than those of the day, other factors remaining the same. Illumination of entire highways would involve tremendous cost and for that reason such illumination has not generally been provided. Records show, however, that open roads at night are comparative-

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## Evening Division Students to Pick Officers Saturday

Permanent officers of the newly-organized Evening Division Student Association will be elected Saturday, February 26, at 3:00 p.m. in the assembly hall.

The election was called to further the organization of the association after the constitutional convention had convened with the adoption of the constitution.

The temporary executive committee desires to have present all of those interested in taking an active part in the association. It requests all students who are interested in the Evening Division Student Association to come out and vote for their choice of officers for the association.

There will be a second special meeting of the officers and problem committee of the Math Club Thursday at 12:20 in P.L.R. The future development of the club will be discussed.

## Chesapeake and Ohio Sound Movies of Historic Railroad Shown at Assembly Friday

Last Friday at 10:30 in the assembly hall, a sound movie, "George Washington's Railroad," was presented through the courtesy of the Chesapeake and Ohio Railroad. Preceding the movie, a short talk was given by Dean Tibbals explaining why the movie was presented.

The movie depicted the life of George Washington, as a surveyor, a general, and a country gentleman, always fighting for a better mode of travel to the west. In spite of the efforts of Washington it was not until several decades after his death that his dream was realized.

The second integral part of the movie showed the development of George Washington's Railroad and its penetration into the middle west. The third part of the film showed the modern Chesapeake and Ohio with all its frills and conveniences. The last part of the reel showed the places through which the road runs making note of the fact that it passed through what is perhaps the most historical part of the country.

## Coop Club Addressed by Faculty Members

Last Friday the Co-op Club of the "A" division held a meeting at which the freshman co-ops were informed of the general purpose and various activities of the club. New students were urged to join and a large increase in membership is anticipated.

Professor Huntley, Professor of Mechanical Engineering, spoke to the group with regard to the rapid growth of the co-op division at Armour, both in membership and student activities. Professor Freeman spoke briefly concerning the newly organized electrical engineering division of the cooperative engineering course.

Mr. Lease, coordinator of the co-ops, said that he would be glad to do all he could in the way of arranging trips through various industrial plants. Mr. Hanaman advised the sophomores and pre-juniors to join the A.S.M.E., because of the various privileges extended to members of the society.

At a recent meeting members of the Co-op Club elected officers for the present semester. The officers elected were Birger Johnson, president; Mike Larinoff, vice-president; John Kugera, secretary; and Walter Meyers, treasurer.

## W. S. E. Meeting to Feature American Airlines Engineer

"Engineering Problems of Commercial Aviation" will be the subject of the lecture at the next meeting of the Armour branch of the W.S.E. February 25, in room "B" Mission. The lecture will be given by Mr. E. W. Fuller, member of the engineering department of American Airlines Inc.