



FACULTY CLUB TO HOLD YULE PARTY TOMORROW NIGHT

Rooms Appropriately Decorated for Occasion

DR. THOMPSON TALKS

Talking about parties in this pre-Yuletide season brings to mind the one which is being given tomorrow night at the Armour Faculty Club. The time has been set for five-thirty o'clock and the premises will be the new dining room and the rooms of the Faculty Club. A festive note in keeping with the spirit of the occasion will be contributed by the cheerful interior decoration effects which the committee has sponsored for this event. Two Christmas trees have been ordered; the larger one shall be placed in the dining room to grace the dinner, the smaller one being situated in the rooms of the club, each spreading its note of Christmas cheer in the way peculiar to pine trees since time immemorial.

Luncheon Prepares Dinner

Further evidences of the Christmas holiday atmosphere will prevail in the form of turkey and cranberry sauce, generous portions of the lengthy menu which has been prepared by the committee with a view toward tickling the palate of the most critical connoisseur of the cooking art.

Cards and entertainment by the Musical Clubs will be the main diversions directly after the dinner. The more serious phases of thought will then be invoked by a demonstration prepared by Doctor Thompson. He will give a talk followed by the performance of some experiments in the laboratory. Chief in this discussion will be the phenomena governing conduction of electricity through gases, special emphasis being laid on the practical applications of vacuum tubes in industry.

Fraternities to Be Kept

However, underlying all the various activities, there is the feeling of fraternity among the departments which an occasion such as this banquet fosters. Any organization of larger size, such as a business with many departments, or parallel to that, a school with a number of courses in different branches of science, can be served to advantage by a meeting of its units. This year's banquet, through the efforts of Professors Moreton, Nash, Freud and Peebles, who comprise the committee on the dinner, will be projected on a larger scale than ever before. Professor Moreton, especially, has been devoting considerable time and effort towards making this get-together an outstanding affair of the year.

Banquets Bring Closer Contacts

A comment on those phases of the event which will serve to distinguish it from similar ones held in the past is relevant at this point. Most noteworthy of all is the bond which it should establish between the departments. This will be furthered by the presentation of talks by men about the school whose doings have not received attention because of the lack of a suitable medium for their expression. Dr. Thompson's talk will be the forerunner of others to follow by other members of the faculty in the near future. Another novel feature is the presence of the Musical Club. These clubs have helped in the success of many school affairs in the past and this banquet will give them an opportunity to establish a precedent in this particular Armour function.

HONOR "A" BANQUET

The annual banquet of the Honor "A" Society was held last Thursday evening at the Blackhawk Restaurant. Professor J. J. Schommer was the main speaker of the evening. Entertainment was furnished by Hal Kemp and his orchestra together with a complete floor show.

PLANS FOR FIFTH ARMOUR RELAYS WELL UNDER WAY

Plans for the fifth annual Armour Relays, which is to be held Saturday, March 18 in the University of Chicago field house, are well under way, and the prospects of a large representation from the different universities and colleges are assured.

Mr. A. A. Stagg Jr., track coach, represented Armour at the conference track coach meeting. At this meeting the Armour Relays was discussed and nearly all the coaches signified that they would come. This would mean that Chicago, Northwestern, Wisconsin, Purdue, Indiana, and Iowa with a strong possibility of Illinois and Michigan would be present. The coaches of Notre Dame, Marquette, Loyola, North Central and Michigan State felt certain that their teams would also be present. In addition to this, telegrams have been sent to all the Big Ten and Little Nineteen, asking them to hold this date open for this event if possible.

Last year the Armour Relays were won by the University of Indiana, with the University of Chicago taking second place. Armour Tech took third place in two relays and a third and fourth in the shot put.

Armour's Team Improved

The Armour student body turned out in exceptional numbers, and gave their team some real support. Music was furnished by the Armour band. The band was such a success that the relay was kept quite a while after the relays playing special numbers. The student team out for athletics has been pretty poor, this event is the first exception. If the teams competing enjoyed the competition as well as the student body, it is bound to be another success this year.

The prospects for the Armour track team in this event will be much brighter this year with G. A. Nelson able to compete. Last year he broke his collarbone just before the relays and his place was hard to fill.

W. S. E. Smoker to Be Held Tomorrow Night

Plans have been going forward for the smoker to be given by the Armour Student Branch of the Western Society of Engineers Wednesday, December 14th, at the Triangle house, 3222 S. Michigan avenue. The officers have been working to get up a program which will please everybody. The Chi Rho Phi pledges will present a play.

This smoker is for the primary purpose of getting acquainted with other members of the organization. It has not been decided whether the freshmen and sophomores will be invited or not but a notice will be posted on the bulletin board in Main building before the smoker. The admission charge is the usual 25 cents and the smoker will start at 8 o'clock. Refreshments will be served.

Campus Club Has Room for Members

Due to larger quarters, the Campus Club has been able to accept new members without overcrowding the rooms. The following men have been received as new members and will be formally initiated into the club at a smoker in January:

C. Grabner, '35; H. Cordes, '35; J. J. Englander, '34; Wm. Koehn, '35; J. Leonard, '35; E. F. Mezera, '35; G. A. Nelson, '34; T. Omiecinski, '34; A. Staszulis, '34; J. Tamney, '34; C. Thomas, '35; E. G. Viktors, '34; G. A. West, '35; J. Woodburn, '35.

MR. PEEK PAYS VISIT

Mr. Peek, an Armour graduate in the architectural department of "1916" and instructor previous to this year, visited the Institute last Tuesday. While at Armour, Mr. Peek taught descriptive geometry and mechanical drawing, and at present is managing an apartment building at 5529 Kimbark avenue.

GLEE CLUB AND ORCHESTRA WILL STAGE CONCERT

Novel Color Effect One Element of Program

OCTETTE FEATURED

Following the tradition of the school, the Armour Musical Clubs will present a program in the Assembly Hall, Thursday, for the entertainment of the faculty members and the student body.

The concert will start promptly at 10:30. A majority of the songs used are new to the members of the Glee Club, but under the able direction of Mr. Erickson, a well developed program is assured. The complete program is printed elsewhere in this issue. The men who are responsible for the planning of the concert, together with Mr. Erickson, are the officers of the Armour Musical Clubs which follow:

President—E. P. Mechem.
Vice-President—C. N. Clinton.
Manager—C. W. Clarkson.
Treasurer—N. H. Colburn.
Secretary—E. G. Avery.
Faculty Advisor—Professor C. W. Leigh.

A feature of the program will be the novel decorations which are intended to carry out the new Armour colors of red, gold, and black. The background will be a drop of black cloth which will resemble a mass of opals when the lighting effects are turned on. There will be two golden baskets, one on each side of the stage to furnish the gold color. The red will be supplied by the lighting system.

Another feature will be the elevation of the chairs on the stage, enabling both the Orchestra and the Glee Club to occupy the stage at the same time.

All men taking part in the program must wear white flannel trousers, black or dark blue coats, white shirts, black bow ties, and black shoes and socks. Those men will be excused early from class to enable them to dress in time for the performance.

Junior Informal Date Announced

The annual junior informal dance will be held January 20, at the Illinois Women's Athletic Club. Raymond E. Wilson, social chairman of the Junior class, wishes that Doug Peppard and his thirteen piece orchestra will furnish the music.

In 1931 Doug Peppard entered his orchestra in an all-city contest for the best type of music and because of the excellent playing was given a contract at the Aragon ballroom co-playing with Wayne King. He has just returned to Chicago from a tour throughout the Middle West where he appeared in some of the largest cities and over the National Broadcasting System.

The Junior committee consists of the following six men: George Korink, C. E.; Arthur LaFosse, M. E.; George Reed, E. E.; Stephen Lillis, Ch. E.; Bertil Peterson, P. P. E.; and Roy Ekroth, Arch. Subsequent issues of the News will carry further details of the dance.

Junior Fire Protect Ill with Appendicitis

Charles P. Kuffel, a junior fire protect, was seized with a sudden attack of acute appendicitis on November 18. He was taken to St. Anne's Hospital and operated upon immediately. He spent eleven days in the hospital and went home about a week ago. At present he is able to walk around at home and expects to return to school early this week. Quite a few of his classmates visited him at the hospital and presented him with a fine dressing gown.

ARMOUR ALUMNI ELECT OFFICERS FOR NEXT YEAR

The Armour Alumni Association will elect new officers for the coming year. Nominations have been made by the nominating committee appointed by Professor John J. Schommer on November 15. The committee consists of the following men:

H. L. Nachman, Chairman '02.
R. B. Harris '02.
J. C. Peebles '06.
H. W. Martin '12.
H. W. Munday '23.

The committee considered the men qualified for the various offices and decided upon the following nominations for the election of 1933:

President: John J. Schommer '12.
Vice President: F. G. Heuchling '07.

Secretary and Treasurer: D. P. Moreton '06.

Board of Managers: M. W. Lee '09 and L. A. Sanford '02.

Voting will be done by means of ballots which have already been sent out to the members. These ballots bear the names of the nominees named above. The members can either vote for these men or any others they care to put up as their candidates. The results of the election will be announced at the alumni banquet. It is hoped that all the ballots will be returned in time to have them counted at this meeting.

The alumni banquet will be held in the Grill Room of the Medinah Athletic Club on Dec. 28. Dinner will be followed by a program for which some talented entertainment has been arranged. The official meeting will then follow. The main business of the meeting will be to decide upon several important changes in the A. I. T. Alumni constitution.

Jackets to Be Delivered Soon

Sixty-two seniors had ordered jackets up to the time of this writing. The probabilities are that Spaulding Bros. will deliver the jackets before our Christmas holidays begin. Those who ordered their jackets in the first batch are assured of being able to show them off to their friends at home during the vacation. The coats are so handsome that many envious non-seniors, ineligible to wear the Armour monogram, inquired as to the possibility of buying the jacket without the emblem at the same price. This week the jackets in question will become a common sight about the classrooms.

Samples of the jewelry are now on display in the case over the first floor drinking fountain in the Main Building. Seniors are offered a choice of a gold ring, a gold overlay ring, a sterling silver ring, a gold key, and a sterling silver key. The emblem AIT '33, in the material of the rest of the key or ring, appears in a black onyx setting. The rings all have the department symbols engraved on their shanks. Prices are extremely reasonable for these handsome keepsakes. The 10 carat gold ring is priced at \$6.50, the gold overlaying at \$5.00, and the sterling silver ring at \$4.00. The 10 carat gold key is priced at \$4.00 or \$5.25 if a pin is attached. The silver key is \$2.50 and \$3.50 with the pin. Initials on keys or rings are free.

Seniors should order their jewelry from one of the following men: O. T. Barnett, W. A. Janseen, V. C. Alexander, R. J. Dufour, R. E. Nelson, or M. J. Erisman.

LETTER RECEIVED

The following letter was received at the Dean's office this week:

Mr. John C. Penn
Chairman Administration Committee
Armour Institute
My Dear Mr. Penn:
May I ask you to convey to the faculty and students of Armour Institute our appreciation of their kind expressions of sympathy and the beautiful flowers which were sent. Mr. and Mrs. Fred H. Ketcham, Frederic and Lois.

TO HOLD PEP ASSEMBLY FOR BASKETBALL GAME WITH Y COLLEGE TODAY

Professor Schommer to Be Master of Ceremonies at Meeting This Afternoon in Assembly Hall

NEW CHEERLEADERS TO LEAD SCHOOL IN YELLS

This afternoon, all Armour men will get a chance to show their school spirit at a pep meeting to be held in the assembly hall, under the auspices of the A. T. A. A. Classes will be excused after meeting and everyone is expected to attend the basketball game at the armory a short time later.

Professor Schommer to Officiate

As usual, Professor John J. Schommer will fulfill his duties as master of ceremonies throughout the meeting, and this insures a real collegiate get-together in addition to some

UNIVERSITY CLUB IS SCENE OF TAU BETA PI DINNER

Tau Beta Pi, honorary engineering fraternity, held a dinner and formal initiation at the University Club last Friday evening, December 9.

Pleasure is taken in announcing the initiation of the following men: P. A. Carlstone, M. E. '33; R. J. Dufour, M. E. '33; W. W. Lange, E. E. '33; B. Larson, P. P. E. '33; B. H. Lorsche, C. E. '33; S. A. Vanderpoorten, P. P. E. '33; D. G. Wilson, Ch. E. '33; and N. E. Colburn, C. E. '34.

Among the visitors present were professors Heald, Grafton, Spears, and Pinecan. A large number of alumni members and members of other chapters were also present, their purpose being to discuss the fraternity's convention to be held in Chicago sometime during the month of October in 1933.

In connection with the convention, to which each chapter will send at least one delegate, plans are being made to hold the majority of the meetings on the Fair grounds, the scene of "A Century of Progress Exposition."

OLD-TIME YANKEE CIRCUS GIVEN TO AID COUNTY FUND

An Old-Time Yankee Circus, the type of entertainment which thrilled your forefathers, is coming to Chicago and is to be presented in the Stadium on Friday and Saturday, December 16 and 17. The show will consist of twenty or more professional acts from world famous circuses, and numerous other acts of local interest.

Receipts for Welfare

As a source for reimbursement of the Emergency Welfare Fund of Cook County, the circus is given by the Women's Division of the Salvation Army as their contribution to the present day need. Many of the acts are contributed and all of the profits go to the Welfare Fund.

This presentation is one you cannot afford to miss, for in addition to assisting the unfortunate by the purchase of a ticket, you will be entertained in a most unusual manner. Skilled and noted gymnasts, trapeze artists, and the best somersault leapers will show their skill. Al Sweet and his famous old-time Yankee Circus Band will pep up the show with some good old fashioned music.

Then too, mid-air performers, the flying human butterfly, the flying Bertons, and Mme. Lorette's slide for life from the top of the Chicago Stadium, suspended by her hair, will make the blood tingle with excitement.

Admission Prices Vary

Tickets are for sale at the loop office of the Circus Committee, 131 South Wabash Avenue. The prices range from fifty cents to one dollar and fifty cents; boxes are two dollars. Reservations can be made by calling State 9471.

good stories. Professor Schommer will be ably supported by Otto Kuehn, present coach of the Tech basketball team, who will give the assemblage a resume of the activities of the squad since the reins were given to him at the beginning of this season.

Cheerleaders in Action

Another feature of the day will be the presence of the cheerleading squad, which will lead the men of Armour in producing the noise at opportune moments. The cheerleaders will continue their work at all the games for the season to give the cage team the support essential to a winning squad. A mimeographed list of Armour Tech yells will be furnished at the meeting to prepare for the cheering. The cheerleaders were organized by George Nelson and their names are being kept secret to produce a desired effect. However, they should prove to be good as they put in a lot of time last week in practice, although none of them have any previous experience. Rumor has it that a couple of junior civils are in the cheerleading business, and in that case, enough has been said.

The Stresses and Strains will furnish music for the occasion and should help provide the correct atmosphere. Because of the fact that the players could not get together for practice, a band could not be organized.

Y College Is Opponent

The game will be the first home tilt of the season and will be played against Y College of Chicago at the 8th Regiment Armory at 36th and Giles avenue, just a short distance from school. Y College is an annual opponent on the Tech schedule and will be a real tussle. Last season, the engineers came out ahead in both games with the Y aggregation but each score was very close.

Tech Team In Good Shape

With the Armour squad getting into fine condition, the prospects for a successful season are better than average. The members of the team have worked steadily for the past four or five weeks in getting into shape for the hard schedule of the new season. Coach Kuehn is also spending a great deal of his time for the benefit of the squad, but all this work is producing good results. The least that the student body can do is to come out and support the team by being present at the home games.

Honoraries to Hold Banquet on Friday

The annual Interhonorary banquet, sponsored by the Interhonorary Council, will be held on Friday, December 16. Although the exact place for the occasion has not been definitely settled, it is certain that it will be held someplace downtown.

Those eligible for attendance at the banquet are the active and pledges of the honorary fraternities, which consist of the departmental fraternities, Pi Nu Epsilon, Sphinx, and Tau Beta Pi. A number of speakers will be presented, and in addition, each fraternity will introduce its pledges.

Arrangements for the dance to be held sometime in the spring are also being considered by the interhonorary fraternity council.

F. P. E. S. MEETING POSTPONED

The meeting of the F. P. E. S., scheduled for last Friday, December 9, was postponed due to the inability of the speaker, Mr. Frank L. Erion, to be present. No definite date has been set for the next meeting. Mr. Erion's services may be obtained sometime next semester.

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Talking in Class

It is true that the men about school have a great many things to talk about. In fact the press of time makes it necessary for these men to talk in class. It is not enough that this talking detracts from the attention of the classmates of those who are carrying on a conversation but in addition the talking has become so loud on several occasions as to make it necessary for the professor to ask for attention.

We are paying tuition to learn something. Since we are taught in classes in order to make the best use of our money, it is essential that we be good citizens and do not disturb others. If conversations are so important, it would be better for the men to fail to attend class than to have their attentions interfere with others who are honestly trying to derive some benefit from the material that is being presented.

O. T. B.

Promptness

There is one virtue that may be easily acquired and that will prove to be of great benefit to all of us. It is the habit of being on time. No superhuman effort is required to get to an appointment at the scheduled hour.

Not only is it necessary for students to arrive on time but this same rule should apply to instructors. Too often they tell us how one minute's disturbance created by a person coming late becomes twenty-five minutes when multiplied by the number in the class. Let them realize that when they come late the same rule applies.

The problem of getting a class to arrive on time requires very little effort of a disciplinary nature. It is an age-old pedagogical problem that so many solve with ease that it should never bother a college professor. It is the duty of the students to see to it that the professor arrives on time and encourages the class to do the same.

O. T. B.

"The Bird"

It has become the custom around the Institute to give "the bird" to a fellow classmate when he asks a question or ventures a bit of information in class. This is done to show that the members of the class are real men and that they do not need to help the instructors in order to get good grades.

In reality these remarks are beginning to brand the students of Armour as men who have no upbringing whatsoever. Several visitors have commented on this quaint custom in no uncertain manner. They ask very pointedly whether or not manners exist in a school of engineering. Of course we're tough. We're very hard. We're engineers. But the man who will get the farthest will not be a hard, tough engineer; but will be a man: a competent engineer and gentleman at all times.

O. T. B.

"The Slipstick"

Cleave to "The Slipstick": let the Slipstick fly where it may.



Here already! Incredible, yet 'tis only a few days in the offing till the books and slide rules will be covered by bright colored tissues and glistening tinsel. You've guessed it; Christmas vacation again. Then the making of a lot of resolutions that will be broken presto, leaving us only one thing to do. Return to the dear old Institute. Till we see you in 1933 again, and many years be a joyous holiday.

No Butler Needed

She: "Would you put yourself out for me?"
He: "Certainly, my dear."
She: "Then close the door as you leave."

If the pedestrian looked before he leaped; he wouldn't have to leep.

DUMBBELL POEM

A nifty young fopper named Jane
While walking was caught in the rain.
She ran—without a bow,
Her complexion did, too,
So she reached home exceedingly plain.

HOBOS ONLY

"Please, ma'am could you spare me an old coat?
"That my good man, the one you are wearing is nearly new."
"I know, ma'am, but it's this coat that's ruining my profession."

Frank: "I saw a man swallow a sword."
Seniors: "That's nothing I saw a man drink a barrel."

Some fellows like a girl beautiful and dumb—beautiful enough to please him and dumb enough to like him.

There still are these fellows who bang about jumping out of their beds when the first ray of sunshine falls across their beds. They forget to mention that their rooms have the vent.

MINUTE PHILOSOPHY

An agent is a man who tells you things about himself that you intend to tell him about yourself.
Do, ma'am how you come at, setting your canine stomach.
A look down is one where there is no place to go that you shouldn't.

Mother: I'm afraid our son is burning the candle at both ends.
Father: Huh! That boy of ours has out the candle in two and lit it up at all four ends.

Marriage brings a lot of changes into a man's life—and it also takes a lot out.

Then there was the young man who called on a school teacher and had to stay an extra hour for being naughty.

WELL SAY THERE IS A LOT OF IT
It has been reported that over in Europe there are beds that are twenty feet long and ten feet wide. It sounds like just a lot of bunk to us.

Mam: "Darling I've made up my mind to stay at home."
Spouse: "Too late dearest, I've made up my face to go out."

Even his best friends wouldn't tell him—he flunked the quiz.

Why do gentlemen prefer blondes?
I'll bite, why?
Where there is light there is bust.
He was only 99.47% pure—once he had whittled a dirty soap.

After all—the best jokes aren't printed; no one would dare.

Faculty and Students We Wish You a—
Froliches Weinachten und Glueckliches Neu Jahr.
Brun Natale E Capo Danno
God Yul Och ett Gott Nytt Ar
Lihksmu Kaledu ir Laimingu Nauju Metu
Joyeux Noel et Heureux Nouvel ane
Erryma Istmaschra anda Appyha Ewna Earya.
THE DEACON.

Movie Notes

"Prosperity" with Marie Dressler as a mother-in-law battling with another mother-in-law in the person of Polly Moran, is the laugh attraction at the Tivoli and Uptown theaters this week.

No Marie Dressler picture is without its share of stirring character work and in this instance it revolves about Miss Dressler's effort to save her son's reputation by a tragic attempt to collect on her insurance. The manner in which she extricates herself from these damming circumstances and ultimately becomes the town's most respected woman gives the plot a serious twist in contrast to its numerous hilarious interludes. "Irene," the sensational musical comedy which has enjoyed such unusual success throughout the country, is on the Tivoli stage. It is brimful of comedy and songs and boasts of a real Broadway cast headed by Kathryn Crawford of stage and movie fame, Bobby Watson and many others.

The Uptown stage show will feature the Weaver Bros. and Elviry, who will be seen for the first time outside of the loop.

Clara Bow, the most emotional of all screen stars, has never been pictured in an entirely emotional role. Many times married in her screen characterizations, she has never been shown as a mother.

Yet, in "Call Her Savage," now at the McVickers Theater, she discards the flapperisms that made her famous, portrays a tensely dramatic role and depicts the rich emotionalism of mother love. "Call Her Savage" was adapted from Tiffany Thayer's much-discussed novel.

Seen opposite the famous red-head in the romantic made lead is Gilbert Roland, portraying the role of the half-breed sweetheart who finally lames the wild blood that courses through the heroine's veins. Others in the supporting cast include Thelma Todd, Monroe Owsley, Estelle Taylor, Anthony Jovitti, Weldon Heyburn, and Willard Robertson.

Detectives may come and detectives may go, but "Sherlock Holmes" apparently goes on forever. Despite the success of some of Holmes' more recent imitations, the great figure of Conan Doyle's imagination continues to hold his place against all comers in the hearts of the reading public. This fact can be verified by the head of any public library.

A new "Sherlock Holmes" can now be seen on the screen of the United Artists Theater with Clive Brook in the title role. Brook is supported by Miriam Jordan, beautiful English actress, who recently won acclaim for her performance in "Six Hours to Live".

Wallace Beery stars in a powerful story of crooked sports ring in "Flesh" at the Chicago theater.

Just as he does in his previous pictures, Beery gives a performance that grips his audience. He moves them to laughter and to tears, he amazes by the artistry by which he transforms himself into the character he portrays. As Herr Pollak, German champion who tries to battle the American wrestling trust, he reaches new heights in an entirely different type of role.

The stage show is "On the Riviera."
There is a spectacular water carnival, gloriously lighted and showing the beautiful Fountains of Versailles which is created in vivid splendor.

Vincent Lopez brings another brilliant orchestral production, directing for the first time in any theater, "Knute Rockne's Suite," a memorial tone poem by Ferde Grofe.

Ed Lowry remains for another week at the Oriental theater.

The screen portion of this program is a comedy-romance, "Me and My Gal" with Spencer Tracy and Joan Bennett in the leading roles.

"Me and My Gal" tells a dramatic and, at the same time, a humorous story of a fresh young detective attached to a radio car squad who falls in love with a slip young girl who is a cashier in a restaurant. Their romance, growing out of a flirtation, flourishes and eventually leads to the capture of a murderer for whom a reward of \$10,000 is offered, a neat little sum with which to start house-keeping.

PROFESSOR TELLS OF ARMOUR COURSE IN AERONAUTICS

By Joel M. Jacobson

I am continually asked by students and outsiders why no degree in Aeronautical Engineering is given at Armour Institute of Technology. The work offered at the Institute is the result of slow development and careful planning. When the first large interest in this subject arose many schools immediately opened courses leading to a separate degree. Armour, moving more slowly, arranged some optional courses in aviation to students in Civil and Mechanical engineering. Since then many of the engineering colleges have reverted to a similar attitude. Armour Institute of Technology, by not jumping too fast, has not had to move backward.

Many Follow Same Plan

Armour, Case School of Applied Science, Cornell, University of Illinois, Rose Polytechnic Institute, Purdue, and Yale are a few of the recognized schools of engineering which give aeronautic work to students in Mechanical and Civil Engineering but provide no separate degree. As I have pointed out to my questioners, aviation cannot be considered a separate and distinct branch of engineering any more than heating and ventilating or sewage disposal.

Oppose Over-Specialization

A graduate in engineering should not be limited in his choice of work. His training should not be too highly specialized. The Mechanical may have as possible openings the fields of steam power, turbine design, automotive design, and heating, to mention only a few lines of special work covered in his education. In the same way, the Civil is prepared for a job as highway engineer, structural designer, water supply engineer, or designer on hydro power plants. The Civil and Mechanical Engineering student who includes some aviation study adds another string to his bow; he includes this varied field with all the others in which he can look for work.

Armour's Course is Basic

An examination of the curricula of the schools giving a degree in Aeronautical Engineering reveals a skeletonized Civil and Mechanical course to which some work in Aviation has been added. This is only natural since airplane and dirigible design similar to a bridge or building. Being machines, they must be designed by a man who is familiar with the principles of machine design. This fact, however, surely does not warrant a setup which turns out

C. G. King to Speak at A. C. S. Meeting

Professor C. G. King of the University of Pittsburgh will talk on "Vitamin C" before the Chicago chapter of the American Chemical Society Friday night, December 16. The meeting will be held at the Midland Club, 272 West Adams street, and Professor King will begin his address at 7:45 p. m. following the dinner. As usual the meeting will branch out into group discussions on the various chemical fields after the main talk.

Professor King is an authority on biological chemistry, and his talk on vitamin C should be of interest to many students other than chemists. All students interested are invited to the meeting Friday.

men with a smattering of the necessary training.

The course in Aeronautical Engineering at Armour Institute of Technology contains no fads or trills. The student receives as basic a thorough and complete training in either Mechanical or Civil Engineering. To clarify the application of this training to aeronautics he may take in his senior year some specialized work. This includes a semester course in Aerodynamics, where a large number of practical problems in wing design, performance analysis, and stability calculations are worked out. During the next semester he familiarizes himself with the structural requirements of the airplane by working out a complete analysis of a typical plane. The work in Air Navigation and Meteorology gives him an insight into the problem of operations. Laboratory work and some class time is used to indicate the special requirements of engines applied to aircraft. Students interested in this work should read the Annual Bulletin of the Institute for detail in regard to time, credit, and prerequisites.

CHRISTMAS GREETINGS TO THE FRATERNITIES AT ARMOUR

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CHICAGO

ARMOUR RIFLERS DEFEAT APPLETON IN SECOND MATCH

Franklin W. Paine

A rapid increase in proficiency marked the match in which the Armour Tech Rifle Team defeated the Appleton Pistol and Rifle Club for the second time this year. Members of the squad were jubilant over the results because the Appleton club has been on top for several years, and the winning of two matches of a series indicates that the men are getting into form.

Armour's score of 1883 out of a possible 2000 points defeated Appleton's 1874, but was not good enough to beat the New York Stock Exchange which turned in 1901. Both matches were shot at the same time on the same targets.

The third match of the Appleton series was shot last week, but the results were not in at the time the News went to press. In addition, a five shot match was held with the Stuyvesant Rifle Club of Stuyvesant, New York. This match gave the new men a chance to show their skill because a five shot match requires a little less endurance. Remisov, Kent, and Harwood have been practicing diligently for the last few weeks, and the improvement in their work indicates a successful season next year when five of the regular team men will have graduated.

ARX NEWS

Meery Xmas everybody! This is our last ride about the corridors of the Institute before we holiday. So let's see what kind of records Santa Claus has been receiving this last week.

The Seniors head the list again this year. The architects of the class of '33 have for the past three years acted the "Big Brother" to a few needy families at Xmas time. This year will be no exception to the rule.

Bill Davies, senior massier, is composing the list of necessities that each man is expected to contribute, together with a small donation. Baskets will be made up and delivered to some unlucky families with the aid of the Chicago Tribune.

Speaking of Santa Claus, the Sophomores were visited by same last Thursday in the form of a first mention and second mention to EUCHAUSER and ROSEN respectively.

The straits is beginning to show. This week it was BILL JANSEN and BOB TUFTS that came down wearing glasses. THOMAS DADE LUCKETT, the 'Kentucky Kernel' is also meditating a visit to the oculist any day now.

Included among other gifts that were left about the Institute by Mr. Klaus is a "Winter Sport Club House for the Sophs," an architects studio for the Juniors, (those good ole janyaks) and a "railway station" especial for the 'jacket wearing' Seniors!

ANNUAL CHRISTMAS CONCERT

Thursday, December 15 at 10:30 o'clock

ORCHESTRA

March of the ToysHerbert

GLEE CLUB

Song of FellowshipsGaul

ORCHESTRA

In a Chinese Temple GardenKestleby

DOUBLE OCTETTE

Out of the Dusk to YouDorothy Lee

Keep in the Middle of the Road. Marshall Earthenman

FLUTE SOLO

Minuet from "L'Arlésienne"Bizet

Robert Scanlan

ORCHESTRA AND GLEE CLUB

In a Monastery GardenKestleby

GLEE CLUB

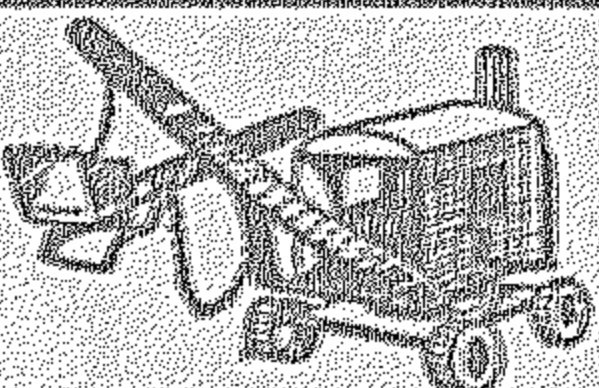
The TrumpeterDick

Poor Man's GardenRussell

ORCHESTRA

Selection "Christmas Airs"Tobanni

THE STEAM SHOVEL



"Ye Ed" of the STEAMSHOVEL, having grown weary of dodging students and press demands of committing mayhem on his person, does hereby pass the column over to his successor, a journalist of distinction who is very capable of defending himself. GOOD LUCK!

Bob Patterson is said to be publicity manager for Bernard Abrams. He created the false rumor that "Bernie" became twenty years of age last Friday, thereby resulting in the physical discomfort of Mr. Abrams.

For the first time in his life WES DUMSER has had his fingerprints manicured. GERTIE of Alice's restaurant broke the ice.

Ed Seal has no regard for the delicacy of a slide rule. He tosses them around as if they were the common or garden variety of rule.

The Cycle has sent out requests for articles from the various organizations. The A. I. Ch. E. received a letter asking them for an article of approximately 536 words.

No student sleeps in GUY WILCOX's classes. They stay awake and shiver and shiver. He teaches with the windows open.

The painful process of having one's "spatula back" is made easier for the boy suffering anemia by the Almond officiating in the outer office.

Pledges of P. N. E. showed that their training was sadly neglected when they sang the words to the Amnic's fight song.

Lang, a member of the musical organization and one of the well known sophomore charlatans, delved deeply into the realm of thought when he asked, "If grass-greens means love powder, which word is love and which is powder?"

Theatre

Robert M. Taylor

The second musical show of the season in Chicago opened at the Grand Opera House last week—Ed Wynn's review, *The Laugh Parade*; it comes as close as could be expected to comparison with its illustrious predecessor, *Of This I Sing*. I say without hesitation that it is the best vehicle Ed Wynn has ever had. There's an interesting story about it, though; Wynn wrote and produced the show himself, and while it was trying out in preparation for a Broadway premier, critics thought it hokey, and blamed the comedian for stepping out of his province in attempting to write all his own material and be his own producer—but he had it in shape for the N'Yawk opening, and the big town's verdict was another story. Since then, he has successfully undertaken still more work—his very pop-

A.T.M.C. Smoker Held Last Week

The Armour Tech Musical club held its first smoker last Wednesday in the rooms of the Sigma Kappa Delta fraternity house. The gathering was addressed by Dean Heald who was the guest of the evening. Prof. Leigh, faculty advisor of the club, talked about the progress and the satisfactory work of the clubs as a unit. Mr. Erickson, the newly appointed director of the orchestra and the Glee Club, presented his plans for the coming Christmas concert, as well as for the next semester.

Despite the cold weather a large percentage of the members appeared at the informal reception. Norman Colburn, who acted as informal chairman of the gathering, announced a greater and better smoker for the next semester. Card games, ping-pong and refreshments provided pleasant entertainment for all.

REVIEWS

MAN AND HIS UNIVERSE

By John Langdon-Davies

"Science is poetry. The history of science is the history of the most intelligent search for God, the best attempt at constructing a religion which civilized men have yet known."

This is a change of diet for the student-engineer—something refreshing and fascinating for the mechanical part of his brain.

Because of the large amount of time required for studies and connected reading, an engineer is likely to neglect his philosophy until it becomes staid. By clearing away the ground of doubted ideas and fixed misconceptions that inevitably gather up in the course of time, the author provides you with elbow room for an organization of facts and feelings into a rational flexible philosophy. Some of the statements, though discourteous, are stimulating. "Anyone venturing upon a study of the universe in the hopes of finding hints about his personal destiny therein, soon forgets his quest in the infinitely more exciting quest of the destiny of the universe."

Like other scientifically philosophical books, it uses the scientific attack and logic for interpretation of human history; a logic somewhat different from what we are accustomed to meet in philosophical discussions. There are several new concepts brought forth by the author that bring about greater clearness in the discussion of "metaphysical" ideas. Discontinuity of space and time in atomic dimensions has resurrected "metaphysics" and given it

ular Fire Chief "readin" program. At the start, "the perfect fool" tells his audience that "this show will be different"—he tells and illustrates that premise about a dozen different ways, each funnier than the other. Then he and the company proceed to fulfil their promise in a fast, original, and—most unusual of all—clean performance. Ed Wynn is in almost every scene, and is ably assisted. The score is good, and includes the popular "Ooh! That Kiss" and "You're My Everything", and the costumes and sets are above average. . . . The *Laugh Parade* is recommended for your vacation entertainment.

This is the last week of the *Vaulties*. . . This review, as usual, is glorified burlesque, but if you are not too easily shocked, there is usually a wealth of entertainment among the mass of flthy (and worse yet, unfunny) blackouts. Among the features of this, the ninth edition, are a number staged to a hot-cha arrangement of Maurice Ravels famous "Bolero", and a huge, life-like, dinosaur, which breathes fire, and which has, as an excuse for existence, the undraped Carroll beauty held in its mouth.

Christmas will witness the premiere of "The Cat and the Fiddle", a Jerome Kern - Oscar Hammerstein operetta with fifty-three Broadway weeks to its credit. Another opening will be the Theatre Guild's production of *The Good Earth*, from the famous novel of that name. Gotham turned thumbs down on this, but it may be worth seeing; the general impression exists that the dramatization was too great an undertaking, and that while the Guild did its best, it would have done better not to have attempted anything so ambitious.

Fraternity Notes

PHI KAPPA SIGMA

The pledge dance which was held last Saturday was well attended by a large crowd which included quite a few alumni and the actives' friends from other fraternities on the campus.

Although it was a rather cold night this did not put a damper on the dance and every one said they had a "warm" time. The pledges are to be congratulated on the success of this first dance.

Brother "Red" Larson, x-33, dropped in for an evening last week. He has just finished working as foreman on the building of the Veterans Hospital in Danville, Illinois.

SIGMA KAPPA DELTA

A great hustling is in progress at the house at the present time because of the fact that preparations are being made for the coming Christmas Dance this Saturday. A large number of alumni are expected to attend with the idea of having a very good time and helping along the spirit of Yuletide even if Santa does seem to be sick this year.

TRIANGLE

The annual Alumni Board Election was held last Monday evening at the chapter house. The following is a list of officers for the ensuing year: H Christensen, president; E Benson, vice-president; H Hoff, secretary; W. Riener, treasurer; C. Reuter and J. McCaffey as members.

The Senior dance was well attended by Triangle men, there being twenty-one of them present. Along the social lines, Triangle expresses thanks to Phi Kappa Sigma for the invitation to their dance of last Saturday evening.

Triangle will sponsor its Annual Snowball Dance at the Chapter house next Saturday evening. A capacity crowd is expected as many alumni have phoned saying that they will be there.

DELTA TAU DELTA

In spite of the ensuing cold weather, the Mothers' Club functioned successfully again Sunday. The Club is well organized now and the spirit of the movement is spreading rapidly.

BETA PSI

Beta chapter of Beta Psi takes pleasure in announcing the formal initiation of G. R. Bristol, P. P. E. '35 and E. N. Searl, P. P. E. '35 on Saturday, December 10.

Plans are underway for the Christmas party which is to be held

on Saturday evening, December 17. Brother A. J. Jungels, '32, stopped in at the house last week and reported that he had accepted a position in the experimental department of the refrigeration laboratory of the Peoples Gas, Light and Coke Company.

THETA XI

Alpha Gamma of Theta Xi takes pleasure in announcing the pledging of Ernest Bowersdorf, Ch.E., '34.

Arrangements have been completed for the Formal Christmas Dinner dance which will take place on Friday evening, December 16.

Alpha Gamma men wish to take this opportunity to thank the men of Phi Kappa Sigma for the invitation to their pledge dance last Saturday evening.

RHO DELTA RHO

The chapter will hold a "House Party" Christmas evening, December 25. Brother Krawitz and Brother Anders have made arrangements for the affair and have promised some novel entertainment.

The alumni chapter held their monthly meeting at the house on Thursday, November 24.

Due to a postponement, the interfraternity basketball game with Beta Psi will be played shortly after the Christmas holidays.

PHI PI PHI

Gamma chapter of Phi Pi Phi takes pleasure in announcing the formal initiation of Chris Chaffin, C. E., '35, and Robert Samuels, Arch., '35, and the formal pledging of Albert Lauchidsis, Ch. E., '35, Nick Maurer, C. E., '35, Frank Talaber, E. E., '35, Roland Warner E. E., '36, Edwin Wendt, M. E., '36.

The house team won their first basketball game in the Interfraternity tournament by a forfeit.

Plans are now being made with the chapters at Northwestern and Chicago to hold a tri-chapter dance in the near future.

A fine of sixpence is imposed at the University of Edinburgh for cutting classes. The revenue from this is used to buy a Christmas present for the president. Last year's present was a cigar.

A. I. CH. E. TO HAVE SMOKER AND TRIP DURING VACATION

A. I. Ch. E. members will make an inspection trip to the Chicago Moulded Products Corporation, Wednesday, December 28, during the Christmas holidays. The group will meet at the company's address, 2146-53 Walnut street at two o'clock.

A smoker will probably be held at the Phi Kappa Sigma house, 3236 Michigan boulevard, Wednesday, December 21, at 7:30 p. m. A notice to that effect will be posted on the bulletin board. Membership cards will be required for admission.

A trip to the Central Scientific Company will probably soon be made.

Dr. V. W. Moloche of the University of Wisconsin gave an illustrated lecture before the A. I. Ch. E. last Friday, December 9, at 10:30 in Science Hall. He spoke on some of the chemical aspects of the recent survey conducted by the Wisconsin geological and natural history survey. He first made some few introductory remarks after which he read a brief summary of the work of the survey in the Wisconsin lakes, and in the micro-analysis of the water in these lakes at different depths. Slides were then shown, picturing the workers in the survey at their various tasks and scenes of the survey. Due to lack of time, a motion picture film which Dr. Moloche wished to put on the screen was not shown.

Civil Class to Visit Adler Planetarium

The astronomy class of junior civils will visit the Adler Planetarium next Wednesday for an inspection trip and lecture.

The men are to meet not later than 2:30 for a 3:00 o'clock lecture by Dr. Phillip Fox, the planetarium director. Professor Enz will have direct supervision of the trip. Dean Penn and perhaps Professor Carpenter will also attend.

Twenty-eight students will graduate from a course in table waiting at Ohio State University.

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