

## HEAT INSULATION SUBJECT OF TALK GIVEN A. S. M. E.

### Professor Peebles Gives Descriptive Lecture

Last Friday, Professor Peebles spoke at the meeting of the A.S.M.E. on the subject of "Heat Insulation."

Professor Peebles narrowed his topic to the discussion of various forms of dwelling house insulation. He explained the common form of frame or brick construction of walls and the cheap method of adding insulation which weakened the structural design of the walls.

There are three forms of insulation on the market, the board form, blanket type, and fills. A very commonly known insulation in board form is Celotex. It is made from sugar cane stalk, about 20% newspaper print, and a small quantity of binder.

Hair felt, a by-product of the packing industry, is a good insulating material, but it is very expensive. Other substances which are cheaper, such as wood pulp and corn stalks, are used instead. In the insulation called "balsam wool" such a substance is used between two sheets of tough paper.

Another common type of insulation is dry cork, powdered gypsum and newsprint, and rock or mineral wool. All three of these are poured in the space between the studs. The latter is made out of the slag from blast furnaces. The slag is taken while still hot and reheated to a liquid state, after which a blast of steam is forced through the molten mass. The slag is blown out in a fine mist and hardens in small particles. This is a very economical insulation to use.

The newest insulation is the all metal or foil type. Aluminum foil has been extensively used on tank cars for the transportation of volatile oils for several years, but it has never been developed for domestic use. The reason for a foil of only two or three thousandths of an inch thickness acting as an insulator is that it has a highly reflecting surface. For this reason the heat rays are reflected and very little heat is absorbed. If this is ever commercialized it will mean a saving of thousands of dollars in the transportation of perishable goods.

### Thirty Attend Drama Club's First Meeting

(Continued from page 1)

sidered it better to have the students themselves choose the plays. Then E. W. Carlton, '32 proposed to have the first play put on just before the Christmas holidays on the program of the Christmas concert. Professor Hendricks expressed hope that a play could be sufficiently developed to be presented at that time. However in all events the first play probably will be seen at the Christmas concert.

He recalled that last year about this time the News Staff had a smoker at which a skit was given in his home. The play, given under the direction of E. W. Carlton, assisted by W. H. Rudolf, probably was the first attempt in recent years to stage a play.

Having read the beginning of one of the plays, he suggested that the committee for the selection of the plays, be chosen.

Those who volunteered to act in this capacity, under the supervision of Prof. Hendricks, were the following:

H. J. Monger, M.E. '33  
O. R. Stienert, Ch. '32  
M. Fuhrer, M.E. '33  
B. A. Brunetti, Arch. '34  
S. Winlay, M.E. '34  
S. H. Morris, Arch. '33

It was then decided that the next meeting would be held today, Tuesday, Nov. 10, at 5:00 p. m. in the Tau Beta Pi rooms.

### MACHINE SHOP INSPECTION

The Thursday and Friday afternoon machine shop classes made inspection trips to Foote Brothers Gear and Machine company as a substitute for their regular shop periods last week. Here the students were able to compare their efforts at gear cutting with work done on a commercial scale.

## FRATERNITY NOTES

### THETA XI

A radio dance was held at the house last Saturday night and was greatly enjoyed as a brief interim in the daily grind.

Brother Ardeser, an alumnus from Mu chapter of Theta Xi at Iowa State, is now living at the house while working in the city.

Two new chapters were added to the roll on Friday and Saturday of last week, one at Lafayette College, Easton, Pennsylvania, and the other at Kansas Agricultural School, Manhattan, Kansas.

Alpha Theta of Theta Xi, the new chapter at Lafayette, Easton, Pa., was installed by the Eta Chapter from Lehigh University, Bethlehem, Pa. Alpha Iota was installed by the Iota Chapter from Washington University at St. Louis, Missouri.

Alpha Gamma of Theta Xi at Armour extends a hearty welcome to the new chapters.

### PHI KAPPA SIGMA

Phi Kappa Sigma takes pleasure in announcing the pledging of Louis William Biegler, F.P.E., '35, and George William Wheaton, F.P.E., '35.

Major F. McKenzie Davison, retired, A.E., '18, was a guest of the Chapter at Luncheon during the past week.

### DELTA TAU DELTA

The recent election of pledges to Tau Beta Pi adds Glen Schodde, '32, to the list of men from the House who have received this honor.

We are pleased to announce the pledging of John Roberts, F.P.E., '35.

The annual Fall Pledge Dance of Gamma Alpha chapter, held a week ago Saturday, was attended by several of the brothers from Armour.

Brother Winter, of the class of '21, has for some time been attending Chapter meetings on Tuesday night.

Art Dial, the wandering Delt from Indiana, is again in our midst. He has been in and-out of town for the past year but we hope this time he will be with us for some time.

### PHI PI PHI

Phi Pi Phi announces the pledging of John Kurran, C.E., '34.

The annual pledge dance of this year will be held November 14 at the Chapter House. As per custom, the pledges have complete charge of arrangements.

### KAPPA DELTA EPSILON

The local chapter gave a Halloween Party in honor of the pledges at the home of Sidney Crane. The party was attended by all the chapter members at school.

An affair is also being planned for Thanksgiving.

### SIGMA KAPPA DELTA

The alumni banquet scheduled for Thursday, November 5, was postponed due to the fact that the speaker of the evening, Brother Muehlberger, '20, was called out of town. Coroner Bundesen recently appointed Dr. Muehlberger to the position of Coroner's Chemist.

Pleasure is taken in the announcement of the pledging of Ray Kercher, M.E., '35.

### SIGMA ALPHA NU

Sigma Epsilon chapter of Sigma Alpha Mu wish to announce the moving of their headquarters to 3339 So. Michigan Blvd.

Brothers O. Barnett and S. Morris will attend the Illinois-Chicago football game at Champaign, Nov. 14.

A highly successful pledge party was held at the house Saturday, October 30.

### BETA PSI

The coming of basketball has aroused much interest among the actives and pledges. Negotiations for a gymnasium are under way and we expect to be in very good shape by the time the Interfraternity Basketball Tournament rolls around.

Plans for an Alumni Reunion Smoker are being formulated, and we hope they will materialize in the near future.

## Arx Informal to Be Held November 21

The patrons for the Architectural informal, selected last week at the meeting of the architectural social committee, were Dean John C. Penn, Professor Earl H. Reed Jr., Mr. Harry H. Bentley, and Mr. W. L. Suter.

As announced previously the affair will be held Saturday evening, November 21. The Club Room of the Art Institute will be the scene of the dance. The unique bids, for which a competition was held, will be available Wednesday for only \$1.50 per couple.

Those who have signed the petition will be given first choice for the bids; inasmuch, as the size of the Club Room restricts the attendance.

Last year the freshman architects displayed so much enthusiasm that they were able to hold a dance exclusively for architects for the first time in the history of Armour. This year's dance is expected to be even more successful than the first, as it is sponsored by the architectural class as a whole.

At the class meeting, last week, the members of the social committee were elected, one from each class.

Walter F. Krol retained chairmanship; Walter Andersen is to represent the juniors and seniors, Roy A. Ekroth, was re-elected, to represent the sophomores, and T. Forsyth the freshman class. Bids may be obtained from any of the members.

## Tennis Tournament Is Finishing Slowly

Despite the fact that the weather was fair as far as fall weather goes, it was not suitable for tennis, as is shown by the fact that the playing of the tennis tournament was at a standstill. At this rate, the tournament promises to last longer than it did last year, and the finalists will be playing in snowshoes and fur coats.

To avoid this, the players who still remain in the running should arrange their matches as soon as possible while the weather is at all agreeable. The courts are in excellent condition as it has not rained in the past week.

Last year, the final was played during the week of November 25, in which Hendricks defeated Graham. Both of these men are in competition again this year, Graham having advanced to the semi-final round while Hendricks is still in the quarter-final.

The doubles tournament, which was introduced this year, has also advanced slowly, although the team of Davidson and Richter is ready to play Cohrs and Graham to see which one enters the final round, and this game is scheduled to take place early next week. The other doubles teams are still in the preliminary rounds.

The average freshman student, according to statistics, spends 2.64 hours each week attending movies.

## Cigarettes Now Sold In Smaller Packages

The problem of how to carry a package of "tailor-made" cigarettes in a tailor-made suit of clothes, without bulging the pockets of the latter, has been solved!

A new and handy "twelve-pack" has been produced by Old Golds, which will repose in the side pocket without betraying its presence or destroying that "form-fitting" effect.

Men who are not silhouette conscious, will also appreciate the new and smaller package, because it can be crowded into an already bulging pocket without breaking the seams.

The twelve-pack, of course, like the standard twenty-pack, is wrapped in cellophane, so that even in the extreme case of a moist biological specimen being carried in the cigarette pocket, the smokes will stay crisply fresh and untainted.

The new, handy package is available in cartons of a dozen, containing 144 cigarettes—enough to provide cerebral relaxation for several "man-days."

## Dr. Scherger to Talk About Masterpieces

Dr. Scherger delivered an illustrated lecture on Paris to his 11:30 class last Friday. This is one of a series of lectures on some of the principal capitals of Europe. Others on London, Rome, Vienna and other cities of popular interest will follow.

Anyone not a member of the class in Great Leaders is invited to attend these lectures. They are held practically every Friday at 11:30 in the Assembly Hall.

A lecture on Italian masterpieces was given recently, and those who wish to attend will hear about masterpieces of painting of the Dutch, English, and French masters Friday at 11:30. This lecture is also illustrated. Watch the NEWS for announcement of coming lectures.

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*Sally Eilers*



Sally Eilers will always call this her big year. First, she learned to fly a plane. Then she married and found domestic bliss. Then she made a smashing success in "Bad Girl." As a reward Fox is co-starring her in "Over the Hill."

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### ★ Is Miss Eilers' Statement Paid For?

You may be interested in knowing that not one cent was paid to Miss Eilers to make the above statement. Miss Eilers has been a smoker of LUCKY STRIKE cigarettes for 2½ years. We hope the publicity herewith given will be as beneficial to her and to Fox, her producers, as her endorsement of LUCKIES is to you and to us.

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