

## Engine Fuel Expert To Address A.S.M.E.

"Petroleum Fuels of Automotive Engines," will be the subject of a talk to be given by William H. Hubner, of the Universal Oil Products Company, at the next meeting of the A.S.M.E., to be held next Friday in Science Hall. Mr. Hubner is in charge of engine research and development at the Riverside Laboratories of the company, and has been active in S.A.E. committee work on fuel studies for various types of engines. He has done much on investigating and developing anti-knock fuels for Diesel and gasoline engines. All members and persons interested in this topic are invited to attend the meeting.

Professor Roesch has arranged an inspection trip through the South Bend plant of the Studebaker corporation for Wednesday, October 26. The trip will be given under the sponsorship of the Armour Student branch of the A.S.M.E. and is open to all junior and senior members of the mechanical engineering department.

At 8 a.m. the group will meet at the entrance of the proving grounds located twelve miles west of South Bend, where guides will be in attendance. After a tour of the proving grounds the group will be conducted through the plant. Members are to make their own arrangements for transportation on the trip. A complete map of the routes to the plant will be posted on the bulletin board in the near future.

## Retain Prof. Enszt On Subway Board Engineering Staff

Chicago's long awaited subway was at last made possible as negotiations for a federal grant were completed Thursday. While field work on this project will not start until Dec. 15, engineers have been drafting plans since May 6.

Professor Enszt of Armour Institute has done a great deal of the preliminary work dealing with soil testing. In his capacity as assistant to Frank Randall, the head engineer, Professor Enszt has been in charge of tests on clay samples and gathering of data on sub-foundations of buildings. In this work he was assisted by graduate students in Armour's soil mechanics laboratories.

Three pits were sunk downtown and undisturbed samples were removed at five foot intervals. These samples were sealed in paraffin and brought to the laboratory. Some of the tests made were for water content, plastic limit, liquid limit, and consolidation. Sample pits are at present being sunk on the north side, so that data may be obtained about another extremity of the subway. When these tests are completed, Professor Enszt will continue work on this project in the capacity of structural engineer.

According to the present plan, the subway will be completed in 1940. Its total cost will be \$40,000,000 of which \$18,000,000 is to be given by the United States under the Public Works Administration. Two subways will be run, each consisting of a double tube. The first one will start at State and 14th streets, run north to Division street, turn west on Division street to Clybourn, and continue northwest on Clybourn to North avenue, where it will connect to the "L" lines. The second will extend along Dearborn street from Congress to Lake, west to Canal, northwards under Milwaukee to Ashland, and there connect to the "L" lines.

## Dr. Olsen's Philosophical Lectures Meet Approval

Last Thursday, Dr. Olson lectured to a group of faculty members and students on the subject of ancient Greek dialectic methods. About twenty extra chairs had to be brought into the room, and yet there were people standing. The number present was estimated at about 70. Several statements have been made as to its success, and the majority seemed to take interest in the subject matter.

This Thursday, the second lecture will indicate the scientific method of Aristotle, and the general characteristics which distinguish his manner of inquiry from preceding scientists. His division and enumeration of the sciences will be contrasted with various non-Aristotelian treatments.

## Prof. Finnegan Addresses Waukegan Business Group

Last Wednesday, Professor Finnegan journeyed to Waukegan, Ill., to deliver an address to the chamber of commerce of that city. His subject was "Fire Protection as an Investment," and was given in connection with the activities of Fire Prevention Week.

Professor Finnegan's speech showed the chamber of commerce members the ways in which they could improve their town classification, as used for fire insurance purposes. He advocated the purchase of additional fire fighting apparatus and proved how it would save the citizens of the town a good deal of money by reducing their fire insurance rates.

## Arx News

*This week: the ARX DANCE! And what a dance it's going to be. There'll be Armour architects (naturally), engineers, and art school artists, along with their belles, gals, and models. Remember: it's the Edgewater Beach Hotel, the Colonial Club Orchestra, Friday night, October 21, at 9 p. m. That's all! Get your bid while they last.*

The Armour chapter of Scarab, architectural fraternity, announces a sketch competition. An award is to be presented for the best drawing submitted by a non-member. See Rea for details.

**Love Nut:** We hear, indirectly from Cunningham, that it's the real thing this time, she's a co-ed at the University of Nebraska.

It's rumored that the Sophs are to have a class in life sketching. The juniors fell that they've been gypped.

Reincke got first prize money in the poster contest . . . new ARX society propositions . . . initiation of frosh comes first or second week of Nov. . . . Viren was back in school. . . . Mirotanic breaks the Arx News again with his tobacco taking a beating. . . . Yes, Burnham's a Yaler.

Get the other pair of pants pressed now for this week: it's the Arx Dance.

BOZ-ART.

## 'B' Co-ops Switch To Jobs, Term Ends

The "B" group in the cooperative course is mechanical engineering has completed its second term. After a week which was marked by a large consumption of midnight oil in a rush of final exams, the cooperating students changed places with their alternates in industry.

This week the students of the "A" group, having completed their second term earlier this summer, have started their third and final term of the year. The incoming classes wasted no time getting into the swing of things and are already making considerable progress in the work that has been cut out for them.

### Co-op Club Active

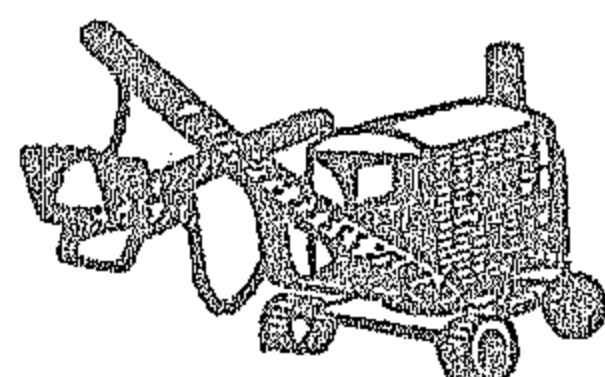
The Co-op Club will meet in the near future. The purpose of the meeting will be to see that the club program is put into operation promptly. In the course of the term new officers will be elected. The main item on the program will be a dance which is being planned for the early part of December. The club has been encouraged by the results of their previous social events. One of these was a dinner-dance at the Allerton hotel, and another was the Spring Informal held at the Graemere hotel earlier this year. The club anticipates similar or even greater success in this next event.

## Architectural Fraternity Pledges Three at Dinner

Three men were pledged to Scarab, the architectural honorary fraternity, at a banquet held in the Swedish club on October 7. Those pledged were: Robert Brandt, William Horton, and William Hutton. There are, at present, 11 active members in Scarab.

To create interest in sketches, Scarab has offered, as a first prize, a subscription to *Forum*, architectural magazine. Winning sketches will be exhibited by the national chapter at schools having a chapter of Scarab. All drawings must be submitted by October 28.

## Steam Shovel



It has been reported that a number of the Armour Tech "glamour boys" who have appeared in the shovel in the past "object" to their fair names and personal present history being revealed in this "scandal column." Hence, we shall try to refrain from mentioning them henceforth. (Youse guys know who you are.)

What student with initials R. J. C. could have signed Coach Stenger's name on his enrollment card after "gym."

Professor Libby and his classmates in college must have been holy terrors compared to the "sissy" students and classes nowadays. Confidently, he let it be known that they thought nothing of it in his college days to put a group of freshmen in an old scow on Lake Michigan, set it adrift without oars, and when it got about a mile out in the lake, calling the coast guard for rescue. A common sight also was the paddy wagon visiting the school twice a week during green cap activities.

## ARX DANCE—

(Continued from page one)

Drive to the intersection with the Outer Drive at Belmont Avenue. From there the outer drive will lead right to the hotel. Sheridan Road is the easiest way for north-siders to get there.

Those who are not familiar with the hotel can recognize it easily by the tower which is illuminated with red, white, and blue floodlights. The tower can be seen for many blocks in all directions. There is a large parking area directly across the street from the entrance to the building. In addition there is a garage entrance on the south side of the hotel. Parking on the street is a rather difficult proposition because the area around the hotel is rather thickly populated. The Michigan Room of the Edge-

## Stoopbrain's Phenomenal! Gets Gruesome Details of Quiz; Reveals Prof's Secrets

"Mine iz no idle tale" sed the froshman as hea leened over fore another whack. Wel, Sally, another week haz cum and flude, and I still goa on loving yew. The fiftie weak of the skool term haz arove, and so haz the tyme fore quizzes. Due yew no wat a quiz iz? Wel, my deer young butterflie, a quiz iz sumthing that yew worry about for weeks, cramming the nite befour, and then cuming to klase shaking but confident that yew hav it mastered. Then olde prof. cums stalking intew the rume withe a cold glare in hiz eyes, and he chillily sez, fighting bakk a halve snear—"gude morning, stewdents, their iz a quiz thiz mourning. Our yew awl set. The set of questions iz a very easy won, won wea formerly gav in the freshman yeer, and yew will bea able tew finish easy in a half howr.

### Easy Questions?

The first question—"Write a 5000 word theme—juste a general discussion—and make it breaf, on Einstein's eight theory on the relativity of stuff. Second question—if A traveled threa hours south a 5 miles per, in a car with a mass of 2000 pounds, and B traveled north by northeast at 10 miles per in a street car, wat of t? . . . Don't beat impatient boys, there ovr only eleven more . . . and four homework tomorrow—due the first 15 problems at end of chap. 10, and

water, in addition to being an excellent place for dancing, has a large and well furnished foyer and lounge at its entrance. This will provide ample space for all those who wish to "sit this one out." However, from present reports, it is rather doubtful whether there will be much "sitting out." The Colonial Club's music will be a delight to all of Armour's rug cutters and fancy step artists.

So far, most of the three hundred bids which have been made, have been sold. If the advance sales are any indication, the dance should be a big success. As the first social event of the present season, the Arx ZARA-BANDA should start things rolling in fine style.

reed chapters 11-15 . . . unquote. Goshe, I'm always leerning things at skool, in spite of my beste efforts. Did yew no that water is composed of tew kinds of gin—oxygin and hydrogin. Oxygin iz pure gin, but hydrogin iz water and gin.

I got a letter frum hoam, and it seams that brother Doublestoop iz sik agin. I don't no wat iz the matter withe him, but hea iz so dum that I am thinking about having him cum up tew Armore hear withe me. Thiz tyme hea licked the shew polish off the shews I bought him a few months agoa because hea thot it tasted guide. Hea haz ben sick withe acute shinola fore a weak.

The Ox danze is this week, and again I shal goa. However, I think I shal goa stag. My girl up hear in the city—Everglade McFish, gives mea no end of worry. Shea treets awl the boys on the equal withe me—her big moment. Gosh, kissing her iz like opening a bottle of olives. The first won iz hard tew get, but after that, they cum easy. Besides, if I goa stag, I wil hav a lot of fun. I can bea as big a wolf as thoez other wolves for wich thiz skool is noted fore. If I want a girl withe warmth, I can light a match and goa owt withe the flame.

### Wuz My Face Read

At a big danze a couple of weeks ago, I wuz standing in a lounge, wen a girl who had just finished puting on makeup kame up tew a fellow neer mea and sed, quote—wil yew powder my back, please (shea had a bewtiful sun-tanned back)? Sed the fellow—"Surely, howe far down?" 'Az far az the cut of my gown, shea replies. Sez hea—I thot yew sed yewre back, unquote.

Wel, az the bewtiful city girl sed tew the farmer boy az they strolled won moonlit nite across the pastuer neer tew cows who were rubing noses and hea had sed "that site makes mea want tew due the same"—quote sez shea—Goa ahead, theyre yewr cows, unquote and hope yewre the same.

Yures,  
Stoopbrain Bliss.

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