



By Paul Schultz

THE FAIRLY recent talk which was delivered at Armour concerning the Boulder Dam, has struck a chord within the student body which heretofore had scarcely been touched. The talk established within the group a sincere appreciation and realization of the usefulness and time defying spirit of the engineering profession. The largest and in many ways the most difficult feat of engineering and construction is being brilliantly accomplished during years of depression. At the very time when our economic life seemed most deranged, we have succeeded in erecting the largest structure of its kind ever created by man. It is indeed a gallant monument to any time and people.

THE DREAM of the engineering profession materialized back as far as Theodore Roosevelt's time and yet the task is just being completed. Soviet Russia has recently completed the dam on the Dnieper River, Britain has built in Egypt on the Upper Nile many dams, and all over Europe—in France, Germany, Spain, and Italy—similar projects are underway or have been recently completed. Everywhere the goals are the same. Irrigation, flood control, and the production of electricity are the principal objectives.

IN AMERICA hard times stimulated enormously the development of water resources. We have the great series of dams which compose the Tennessee Valley project, the Columbia River undertaking, and many others scarcely less important. The building program, which was bound to come, was hastened by the need to provide jobs and increase buying power. "It is sound economic policy to provide employment on public works when private employment is slack." Thus the government has been driven to consider every practicable project.

WE ARE STILL too close to the incident to measure its importance and its inevitable effect on the American population. The accomplishment is as yet directly before our noses and as ever the world is too "far sighted" to see those things which are of tremendous importance but of recent date. The accomplishments of these new undertakings will unquestionably create new conditions. Power available from these new hydro-electric plants will influence the location of numerous industries and affect the growth of population. New towns and cities will arise. Population to some extent will be redistributed. The availability of tremendous stores of electrical energy produced cheaply in publicly owned hydro-electric plants is a fact which industry will have to consider in future years of development. Electricity is a vital part of the changes in these years of transition. We are building mighty monuments and in so doing setting in motion forces which, during the years to come will influence the conditions under which we and our successors will live.

Death Takes Widow of Dr. F. W. Gunsaulus

Mrs. Georgiana Long Gunsaulus, widow of Dr. Frank W. Gunsaulus, the first president of Armour Institute, died early last week in her home at 6020 Woodlawn Avenue.

Mrs. Gunsaulus was an active social worker, having organized the ladies guild at Central Church to do social and welfare work. She led the guild for the past twenty years in its valuable social service.

Mrs. Gunsaulus was a native of Holly Meadows, West Virginia, having come to Chicago with Dr. Gunsaulus in 1887.

Armour Institute joins the bereaved Gunsaulus family in its sorrow.

POLL ON CONCERT SITE TO BE TAKEN

In order to discover the state of student opinion on the subject of the Armour Musical Club's annual spring concert, the *Tech News* will sponsor, on Thursday morning from 9:30 a. m. to 1:00 p. m., a poll of the entire student body.

The question to be decided is whether the concert ought to be held at Armour, in the assembly hall without charge, or whether it ought to be held downtown in the Goodman or in some other theatre; with an admission charge. A third space on the ballot will allow the voter to write in any other alternative which he may favor.

Balloting will be conducted in the lobby of the main building.

A re-statement of the various arguments which have been advanced for and against the innovation will be found in an editorial on page 2.

Group Organizes Aeronautical Club

About twenty-five students met last Friday during lunch hour and discussed the possibilities of organizing an Aero Club at Armour.

It was reported that Dean Heald has consented to provide a meeting-place and any other co-operation needed, if enough men are interested and an organization is formed. It was pointed out that at present little more than organization and discussion could be attempted as the semester has proceeded too far.

The object of the club's activities came up for considerable discussion. Three possible directions of endeavors were brought up: building and design work, discussion and theory, and flight training. As the greater part of these present were interested primarily in the first two, Professor Wells suggested that the club be formed with the idea of combination of the two to satisfy everyone.

In the matter of building, a glider seemed to be the most satisfactory with perhaps a light plane later on. The Dean has offered the use of the shops for work.

It was shown that discussions and talks offer the most opportunity for learning of theory. Well known speakers could be obtained to talk before the group.

Another meeting is scheduled for Friday, April 12, at one o'clock in "D" Mission. All interested are invited to attend.

Phi Lambda Upsilon Announces Pledging

After a laboratory examination to test the manipulative skill of its candidates, Phi Lambda Upsilon, honorary chemical fraternity, pledged five men in the Tau Beta Pi rooms last Tuesday. Three of them, P. Henoch, A. Highman, and C. A. Schnackel are seniors while the two juniors are A. Rulis and L. Siegel.

The candidates had first been subjected to a written examination on March 25, and were then given the laboratory tests before being presented with their litmus-colored red and blue ribbons. Freshmen having difficulties with filtration and precipitates may take heart when they consider that one of the eminent senior chemists found four trials necessary before he could manipulate a wash bottle so as to get the desired stream of water.

Salamander Pledges Five Fire Protects

Salamander, honorary fire protection engineering fraternity, pledged five juniors last week. The men honored are J. B. Davis, I. M. Hughes, E. R. Johnson, D. J. Neal, and M. B. Stevens.

R. A. PETERSON IS CHOSEN MARSHAL BY JUNIOR CLASS

At a meeting of the Junior class last Monday, April 1, Raymond A. Peterson was elected Junior Marshal by a large majority. The newly elected marshal and his assistants, one from each department, will officiate in the annual Junior Week, to be held this year from May 13 to 17.

Assistant marshals, who previously have been appointed by the marshal or marshals elected by the class, were this year elected at meetings of the individual departments. The following men were selected: R. Kraus, E. E.; J. E. Linden, C. E.; R. Paulsen, Ch. E.; G. A. Quandt, F. P. E.; and H. J. Sumner, M. E. The department of architecture has not yet elected its representative, but will meet either today or tomorrow for that purpose.

For the past two years there have been three marshals, besides the assistants, but the present junior class decided that concentration of the authority in the hand of one man would be more advantageous than the previous system. A majority vote for one candidate was required and on the second ballot Peterson was chosen.

There are no definite plans at present, but the staff of marshals are considering the continuation of the former activities of the annual event. Open House night, the spring concert, circus stunts, and the usual athletic events are fairly certain to be included, with other novel features decided upon later. The dance which was held last year on Open House night will be repeated.

The Junior-Senior pushball contest, which resulted in the injury of one of the contestants last year, may be replaced by a tug-of-war, a relay race, or some similar event.

Information Bulletin Is Being Distributed

Copies of the general information number of the Armour Tech Bulletin of May, 1935 are now being distributed at the registrar's office.

The bulletin is out earlier than usual this year because of the depletion of last year's supply. Seventy-five hundred copies have been printed for the presentation of accurate information to students and prospective students.

Two minor changes have been made—shop courses are included and the student directory has been omitted.

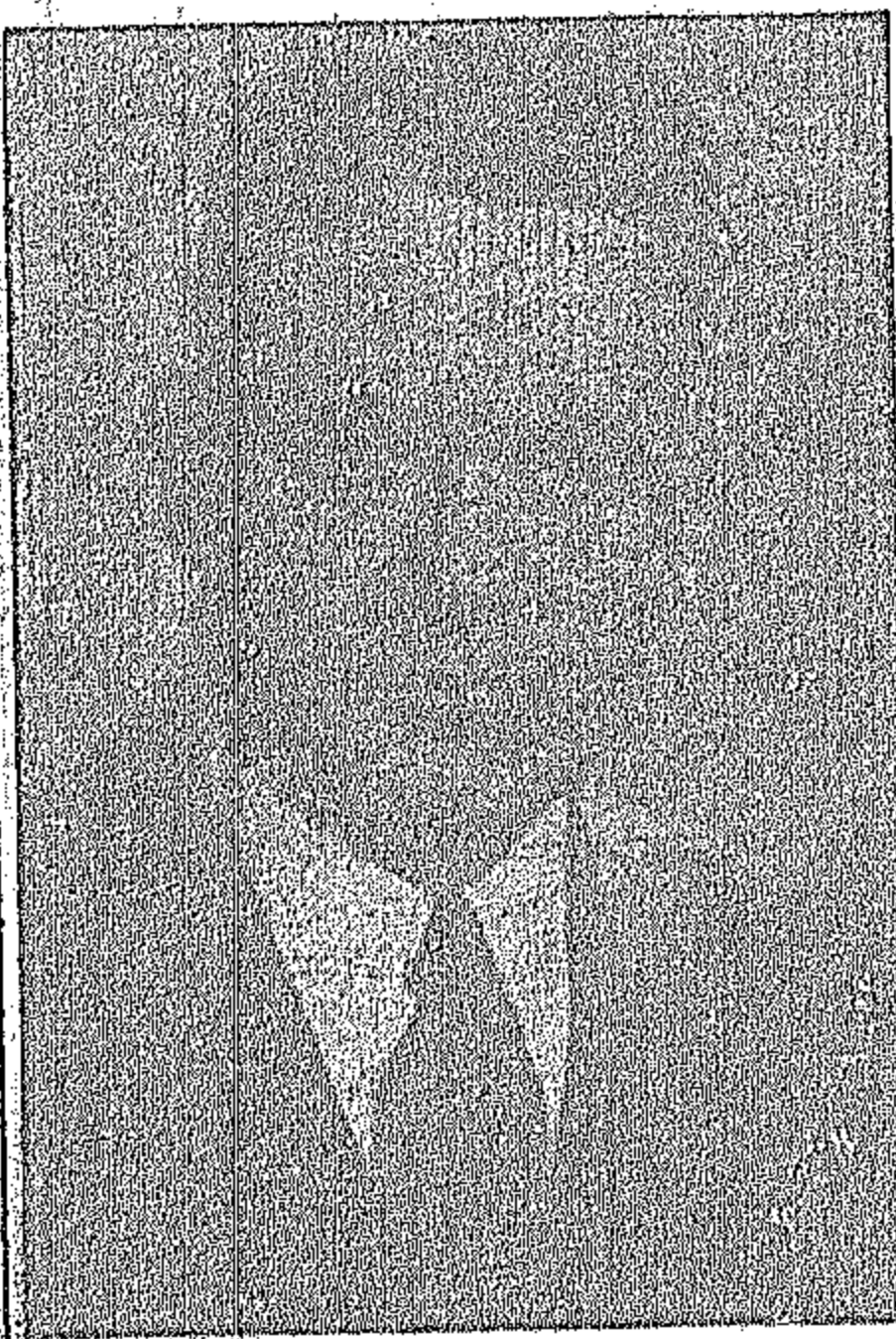
Mechanical and electrical engineering courses have engineering shop, consisting of one hour lecture and three hours of shop each week; included in the curricula of junior and senior years. One subject in mechanical engineering has been eliminated and the time of some other courses has been reduced so as to accommodate the shop courses without important changes in classroom hours.

The list of attending students has been omitted for the reason that the school will publish next fall a separate booklet containing the names, addresses, and telephone numbers of all students as well as faculty members. A booklet similar to this, but containing only the names and addresses of faculty members was published last year. Other schools have found the separate directory more useful and satisfactory.

Alpha Chi Sigma Adds Two Men to Roster

Having already pledged several sophomores and juniors, Alpha Chi Sigma, national professional chemical fraternity, on Monday of last week pledged two sophomores, Herman Bauermeister and Harry Bliss. The new men who had been introduced to the alumni members at a smoker held at the Beta Psi house, were then introduced to their new duties, and rapidly discovered the new chemical method of removing wall paper in the new rooms which the fraternity has secured at 3339 Federal street.

SPEAKER



JOHN L. KOOREMAN, who will give an illustrated lecture at the general assembly on Thursday.

World Travel Film to Be Shown Here

Mr. John L. Kooreman, president of International Travel Society, will give a lecture at a general assembly Thursday, April 11, at 10:30. The address will be illustrated by five reels of moving pictures, and will feature travel in Spain, France, Germany, Switzerland, and Italy. The speaker has been obtained through the efforts of Professor Hanns Fischer, who has been recently added to the faculty staff.

Mr. Kooreman is an ex-naval officer of the Netherlands and a graduate of the University of California. He is the president of the International Travel Society, an organization formed by travelers, for travelers, and in the interest of travelers, and one which is not a profit making institution. It is an educational institution devoted to inspiring and enlightening its members on the world at large. The organization also presents noted travelers before groups so that world affairs may be brought to light through actual experience abroad.

The film and speaker have been obtained by cooperation with the Hapag-North German Lloyd Steamship Lines.

Eta Kappa Nu Honors Senior, Four Juniors

Following the successful Casino night of the American Institute of Electrical Engineers held at the Phi Pi Phi house on Thursday night, Eta Kappa Nu, honorary electrical engineering fraternity pledged one senior, C. M. Kasmer, and the following juniors: C. P. Boberg, D. H. Fleig, W. J. Fleig, and D. Graham.

While their knowledge of mathematics may have been useless in trying to beat Jake Bard in the applications of probability, the pledges had a chance to use all they know in their examinations. They have also been introduced to some duties which will keep them busy during the next few weeks.

Lane Tech to Hear Armour Music Clubs

Members of the Armour Tech Glee Club and the orchestra will have an opportunity to advertise their alma mater by giving a concert next Tuesday morning, April 16, at Lane Technical high school. Professor Schommer will give a short talk before the concert.

Numbers to be played by the orchestra include "In a Monastery Garden" and selections from the "Student Prince."

Both the orchestra and glee club will present a concert at the Belmont Hotel on Friday evening, April 26. This concert is an annual affair and is welcomed by all musical club members. Although the plans are not fully known, it is rumored that a very unusual type of entertainment is in the offing.

TRACT ON LAKE SHORE DRIVE ALMOST UNDER OPTION AS A POSSIBLE NEW ARMOUR SITE

President Hotchkiss to Report to Trustees on Advantages of Spot; Brochure Under Preparation

HOPE FOR MOVE BY NEXT SEPTEMBER

There will be an important meeting of the Inter-fraternity council on Wednesday at 7:00 P. M. at the Phi Kappa Sigma house.

In an effort to provide a more concrete basis for discussion on a new site for Armour, President Hotchkiss has recently obtained options on about three acres of land located on Lake Shore drive between Erie and Ontario streets.

To Press for Early Action

Interviewed by the *News* last Friday, Dr. Hotchkiss stated that he is by no means committed to this choice, but he made clear that he is determined to move the Institute from its present site to a more suitable location. He is now arranging an early meeting of the Executive committee of the Board of Trustees, at which he will make a report on what has been done. A brochure explaining the possibilities of the lake front site is now being prepared. All of the work of Dr. Hotchkiss on the question of a new campus is subject to the regard of the Board of Trustees.

A plan for financing the lake front location has been worked out with the help of several prominent Chicagoans, and is in their opinion and in that of Dr. Hotchkiss, a highly promising one.

Hope for Move by September

Dr. Hotchkiss is hopeful of being able to move before next September. There are buildings on the Erie street property which would readily serve as temporary facilities for the Institute, but the eventual aim is to build new buildings especially designed for Armour's needs. The lake shore site also provides ample space for such future building.

An imposing educational building facing Lake Shore Drive, with other buildings housing an assembly hall, a gymnasium, and laboratories located on the site.

Tau Beta Pi Honorary Pledges Seven Men

Illinois Beta chapter of Tau Beta Pi, all-honorary engineering fraternity, pledged seven men at a meeting held Monday evening, April 1, at the Phi Kappa Sigma fraternity house.

Six juniors and one senior were pledged, W. W. Henning, M. E., is the senior; juniors are F. D. Cottermer, M. E.; R. R. Johnson, C. E.; H. P. Milleville, Ch. E.; H. S. Nachman, M. E.; R. M. Paulsen, Ch. E.; and R. A. Peterson, F. P. E.

An unusual event occurred when Professor H. L. Nachman, a faculty member of Tau Beta Pi, witnessed the pledging of his son, Harry S. Nachman. It has seldom occurred that the son follows in his father's footsteps by being initiated into Tau Beta Pi.

Bulletin for Summer School Session Ready

A bulletin describing the courses which Armour Tech will offer during the summer session beginning Monday, June 24, and ending Friday, August 16, has been published.

Courses are offered in architecture, chemistry, mathematics, physics, electricity, mechanical engineering, mechanics, and social science.

Chemical engineering students beginning their sophomore year will have quantitative analysis from June 17 to July 19 followed by special methods.

Field practice in surveying required for civil engineering students entering their junior year will be carried out at Camp Armour beginning Friday, June 18 and ending July 26.

Detailed information of the summer courses may be had by securing a bulletin at the registrar's office.

Seniors' Decision Is Private Dance

By giving a closed dance, this year's Senior class is inaugurating a new custom at Armour. The affair, which is in the nature of a farewell get-together is to be held Friday evening, April 12, in the Continental Room of the Stevens Hotel.

At the stroke of twelve the party will turn into a dinner dance, and the seniors will dine while listening to the Stevens Hotel orchestra.

The price of the bids is \$1.50, the rest of the cost being absorbed by the Senior class treasury. With this arrangement it will be possible for all of the members of the class to stretch their resources far enough to attend the dance.

Open House Exhibits Planned by Chemicals

Sponsored by Professor Freud, the junior chemicals are already considering projects that will rival other departments on open-house night. The chief experiment being considered by the class is the catalysis of rubber vulcanization. Recent discoveries of the exact nature of the reactions which take place have led to more accurate control of vulcanization with consequently better products, such as tires which stand up under high-speed conditions.

Another project being considered by Otto Zmeskal and Leonard Robbie who have been appointed by the class to organize the set-ups, is the production of solid carbon dioxide or dry ice. This will require a compressor, before the process can be used. Surface tension may be represented by several experiments illustrating its applications and measurements.

THIS WEEK

Tuesday, April 9, to Monday, April 15

- Tuesday**
Orchestra Rehearsal.
- Wednesday**
Interfraternity Council Meeting; Phi Kappa Sigma house; 7:00.
A. S. M. E. Inspection Trip to Milwaukee; All Day.
Players' Rehearsal.
- Thursday**
General Assembly; 10:30
Spring Concert Poll; Lobby; 9:30 A. M. to 1:00 P. M.
Radio Club; 3rd entr. Chapin, 2nd floor; 12:20 P. M.
Chess Club; 1st entr. Chapin, 4th floor; 12:20 P. M.
Glee Club Rehearsal.
Armour Boxers, Wrestlers at Duncan "Y"; 8:00 P. M.
- Friday**
Society Meetings; 10:30 A. M.
Baseball: George Williams at Armour; Ogden Field, 3:30 P. M.
Fencing Meet; Armour at Wright Junior Coll.; 3:30 P. M.
- Saturday**
Outdoor Track; Armour at Elmhurst.
Fencing; Armour at Edgewater; 1020 Bryn Mawr Ave.; 1:00-6:00 P. M.
- Monday**
Players' Rehearsal.