



SENIOR DANCE BIDS DISTRIBUTED BY SOCIAL COMMITTEE

Ray Shoon Appoints Men to Help in Sale

MUCH EARLY PROGRESS

Active sale of tickets has begun by Ray Shoon and his Senior dance committee, for the annual Senior dance to be held in the Red Lacquer Room of the Palmer House on Friday, December 6. The committee consists of Eugene Short, '30; Harley Mullins, '30; George Heller, '30; and A. J. Frost, '30.

Posters have been placed in prominent places around school, and members of the committee are endeavoring to place as many tickets as possible before the Thanksgiving holidays.

The advance sale is coming along very satisfactory, according to Shoon. He also wishes to announce that tickets will be available to outsiders, to others than students and Alumni of Armour.

The chaperones and the sponsors of the dance have not as yet been selected, but will probably be announced in the next two weeks. The Red Lacquer Room of the Palmer House is the main ball room of that hotel, and is widely known for its beauty of decoration, its magnificent finish. Such a place is a fitting setting for the last dance to be given by the class of '30.

Bids for the dance can be obtained from members of the social committees of all classes or from any of the following men:

J. Bechtold.
C. Rosenquist.
A. Winkler.
A. L. Carlson.
R. B. Johnston.
M. Whitfield.
J. E. Tarmen.
C. Morris.
P. Ruzevich.
S. T. Garfinkle.
G. A. Gibson.
W. R. Manske.
A. J. Frost.
Rohrer.
C. Robin.
D. R. Gregerson.
J. Czernicki.
H. Mullins.
E. Ransel.
E. W. Short.

Any other men interested in obtaining a free bid, by selling ten, should see Ray Shoon as soon as possible.

Schommer Gives Grid Talk to A. I. T. Alumni

John J. Schommer spoke at the monthly Armour Alumni luncheon, held at the Chicago Engineers Club last Tuesday, November 5. Strange to relate, Professor Schommer spoke on a subject relating to football, a sport with which he has had some slight contact in the last twenty years. Thirty-one men were present to hear a most interesting recollection of football anecdotes and an explanation of the modern game.

The next luncheon will be held on Tuesday, December 3, at the Engineer's Club, 314 South Federal Street, according to J. Warren "Mac" McCaffery, Alumni Secretary. The speaker will be announced at a later date.

A. I. E. E. to Hear Talk on Utilities Friday

The Armour Branch of the American Institute of Electrical Engineers will hold their next regular meeting on Friday, November 15, at 10:30 o'clock, in the Physics Lecture Room.

The feature will be a talk by Mr. Alex D. Bailey, of the Commonwealth Edison Company. His topic will be "The Fundamental Unit in the Electrical Utility Field."

Feature Articles on Planetarium and Photography in Next Engineer IS SCHEDULED FOR PUBLICATION NOV. 20

The Armour Engineer, the Institute's technical quarterly, is to make its appearance November 20, according to advices from I. Katz, a member of the managing board. This issue will contain many interesting features, and be clothed in an unusual type of cover.

Among the articles contained will be one on the new Planetarium which is being built in Grant Park, and one by N. D. Buehling on Telephotography. H. E. Stier writes on Spark Photography, and a non-technical feature by Professor John Schommer, the exact nature of which is not being disclosed is scheduled.

R. McNerney reports the Engineering College Magazines Association

tion Convention which the staff members of the Engineer attended a short time ago. J. B. Ellman gives the description of the Civil Summer Camp at Camp Armour.

The Engineering News and the Humor department also promise some new features.

The present staff consists essentially of the following men:

N. E. Buehling, Editor.
H. H. Stebbins, Business Manager.
I. Katz, Associate Editor.
F. H. Bigelow, Local Editor.
C. G. Anderson, Editorials.
H. E. Stier, Articles Editor.
E. W. Hanke, Engineering News.
J. A. Ransel, Art Editor.
B. H. Roffee, Humor Editor.
R. B. Mortenson, Staff Assistant.

Touch Football Becomes Popular

The football situation at Armour has, for the present, resolved itself into a state of "touch-me-not" with crowds of students playing touch football on Ogden field at all hours of the day. The one main point about touch football as it is played locally seems to be that the harder a man is "touched," the surer the "toucher" is that he will be down. In fact, some runners, after being vigorously touched have remained down for several minutes.

Inter-Fraternity Games

Although the boys have no uniforms, they execute flying blocks and tackles in a manner reminiscent of the time when they were "All-City" high school football players. The players appear to be split into two main groups, the Civils, and the Fire Protecs, with a sprinkling of other courses mixed in. A few of those who have been practicing lately are Weitzel, Johnson, Hanke, Sanborn, Fensterle, Fishman, and Karl. Probably Joe Nebel will have to be considered the most important man on the outfit since he owns the ball.

A few inter-fraternity games have been played more or less unofficially, the Triangles playing the T. X's on last Friday, while the Sigma Kaps played a game yesterday. The Triangle Men emerged on the long end of a 16-6 score.

If as many men would turn out for a real football team as do for touch football, Armour would have at least fifty "hams" out for a varsity.

Scherger to Speak at Polish Program

Dr. George L. Scherger will speak Friday night, November 15, at 8 o'clock, on the program of the International Night, a regular feature which is presented by the various nationalities represented at the Chicago University.

The program is given at the Mandell Hall of the University, and for next Friday is arranged by the Polish group of the International Students Association of Chicago. It will commemorate the one hundred fiftieth anniversary of the death of General C. Pulaski, Polish patriot, who gave his life in his services to our country in the American Revolution.

Prof. Scherger's topic will be "The Life of Pulaski."

FLASK AND BEAKER

Flask and Beaker held a smoker at the Delta Tau Delta house last Friday for alumni members and members of the Junior and Sophomore classes in Chemical Engineering. It was previously announced that this smoker was to be held at the Theta Xi house.

CIVILS MAKE TRIPS TO RAIL TERMINAL AND SEWAGE PLANT

Wrecks Impossible with Interlocking Switch System

SEE TRAIN CONTROLS

The Civil Engineering department conducted two inspection trips during the past week. The first was a visit to the Northwestern Terminal interlocking plant, by the junior Civils on Wednesday, November 6. This was taken in conjunction with their course in railroad construction. The second trip was made by both juniors and seniors on Friday, November 8, to the West Side Sewage Disposal Plant.

At the terminal, the men had a brief view of the actual terminal and then concentrated upon the interlocking plant. Here they were shown the illuminated layout of the terminal, whereby the position of every piece of rolling stock was indicated by a dark spot on the illuminated track. The men were even able to trace the movement of the trains by following the dial positions of the board as they moved about.

Demonstrate Switches

The method of controlling the myriad of switches was then demonstrated. A switch adjacent to the tower was then thrown several times so the men could follow the operation both in the control room and on the track.

The interlocking principle was then demonstrated, showing that it was mechanically impossible for the tower men to run two trains together. As soon as one train was once routed, all switches that might send another train into it, or derail it, were automatically locked by a most intricate mechanism. Several of the men were permitted to try and throw these switches, but without success. Other men were, under the supervision of the head tower-man, allowed to route trains into the terminal.

The various electrical details were then shown, the telautograph demonstrated, the relay room and

CALENDAR

Wednesday, Nov. 13
Armour Tech News Smoker
Theta Xi House

Friday, Nov. 15
10:30 A. I. E. E.
Meeting in Physics
Lecture Room
Basket Ball Practice in Gym.

Monday, Nov. 18
Basket Ball Practice at
Armory, 35th and Giles

NOTICE

The Armour Tech News smoker will be held tomorrow night, November 13th, at 8 o'clock, at the Theta Xi House. The fifty staff members are expected to be present to partake of the refreshments and smokes. Professor Walter Hendricks the faculty advisor of the News, will also be there.

Five Men Pledged by Salamander Fraternity

Salamander honorary Fire Protection Engineering fraternity announces the pledging of the following men:

Joseph Lossman, '30.
Allen C. Haegle '30.
N. C. Narten '30.
Charles H. Jones '30.
Alfred Wilde '31.

Mr. Fitzhugh Taylor, founder of the department of Fire Protection Engineering at Armour Institute and for the past years associated with Underwriters' Laboratories has been awarded honorary membership in recognition of his work in the field of fire protection.

Award Offered for Xmas Concert

A cash prize of \$5 has been offered by Pi Nu Epsilon, honorary musical fraternity, for the best program for the annual Christmas Concert to be held Thursday, December 19. Programs may be submitted by any one enrolled in school outside of the members of Pi Nu Epsilon.

The annual Christmas Concert usually lasts from one hour and a half to two hours, including all encores. Encores need not be included in the program. The program selected from the prize will not necessarily be used in its entirety for the concert. The program should contain not only orchestral numbers, but selections for the glee club and for solo work. New features will count heavily towards the winning of the prize.

The committee to decide upon the winning program will consist of Prof. Leigh, Faculty Advisor to the Musical Clubs, J. Emmett Higgins '30, Frank J. Aste '30, and Jack Hurley '30.

Bryant Appoints Soph Assistants

J. E. Bryant has appointed the following members of the Sophomore Social Committee.

G. Schodde
H. Hendricks
A. Jungels
S. Lind

Senior Chemicals Visit Youngstown Coke Plant

The Senior members of the Chemical Engineering department made an inspection trip Tuesday, October 29, to the Coke plant of the Youngstown Sheet and Tube Company.

A large battery of coke ovens was seen in operation. Each has a capacity of fifteen tons of coal. It takes sixteen hours to complete the heating process. After this time has elapsed, the ovens are opened and a huge arm pushes the red hot coke into waiting cars. These are moved along under sprays of water which deluge the coke until it is cooled.

The ammonia plant was also seen in operation. Here there were three complete units for the recovery of the ammonia. Each unit contained a still, washers, coolers and other necessary apparatus.

Fifteen Seniors, accompanied by Professor Bentley and Mr. Ullock, made the trip.

General Abel Davis Speaks at Armistice Day Assembly on America's Part in World War

Armour's New Symphony Orchestra Makes Its Initial Appearance

RAYMOND INTRODUCES SPEAKER



BRIG.-GEN. DAVIS

Brigadier-General Abel Davis, Vice President of the Chicago Title and Trust Company, gave the address at the Armistice Day assembly held yesterday morning in Assembly Hall. He was introduced by President Raymond in a short speech as one of the outstanding men of Chicago. The address, "Beyond the Home Lines," followed. The new little symphony orchestra gave a few pieces before President Raymond spoke, and also played the Armour Fight Song, at the close of the Assembly.

In his speech, General Davis said that America won the war in the same manner that a pinch-hitter wins a ball game. The Allies had fought for three years, and had exhausted themselves and also partially exhausted the Germans. Then America's contribution at the right time, along the most courageous lines of any army in the history of the world, crushed the Germans.

Palmer-Miser Text Widely Accepted

Dean Palmer's latest book, "College Algebra," written in collaboration with Professor Wilson Lee Miser, bids fair to threaten the supremacy of his "Plane and Spherical Trigonometry" as the best selling mathematics text book in the country according to reports from McGraw-Hill Book Company. The fall issue of the "McGraw-Hill Book Notes" contains a list of forty colleges and universities that have adopted this algebra as a text book since its appearance last year. The institutions listed are those such as the University of California, University of Southern California, University of Minnesota, United States Naval Academy at Annapolis, University of Chicago; even institutions limited to girls only such as Mary Baldwin College, and Ward Belmont College. Dean Palmer is at present the author of twelve mathematical text-books, the value of which has been recognized throughout the country by leading educational authorities. The total number of copies of his books published runs into several hundred thousand.

American troops were forced to learn entirely new methods of fighting, all by theoretical practice. Then they were thrown into action, untried in service. Their bravery and ability came as a welcome surprise, their spirit was an inspiration to the wearied French and Italians. The Americans showed courage by their actions, advancing into danger and sometimes certain death while fully aware of their probable fate. The example of a squad of men who drew the fire of a machine gun nest upon themselves in order that the rest of the men could pass unharmed was given. Fifteen men deliberately gave up their lives in this instance to keep their fellows in the regiment from danger.

The best soldier was one who "was a God-fearing, church-going youngster, who had lived up to all the tenets of decency and propriety. He was the best soldier who with dying lips would say to his

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Alumnus Travels thru Italy in Ford

J. M. Valerio, '09, E. E., who journeyed to Italy with his wife in a "Model A Ford", has an interesting description, including snapshots, of his travels through France given in the October issue of the Western Electric News. He is now the Chicago Installation Foreman of the Western Electric Company.

The Valerios made this trip in order to have a family reunion along the Adriatic shores.

He states that in France there is no free air. "You must go to a garage where they ask four francs (about 16 cents) to fill five tires." He also maintained, and with the air of a man absolutely convinced, that France had the most magnificent asphalt roads he had ever seen. Especially if the motorist would follow the Grand Routes. And what beauty! The roads are lined on both sides with tall straight poplars, like West Point cadets on dress parade. Near Rheims they grow a hundred feet tall. Near the tops the bark had peeled off, leaving a rich golden brown color which, as Mr. Valerio described it, "gave the effect of a Gothic temple with majestic columns and gilded spires."

On ending, he says that service is wonderful. One can get a wonderful dinner in Paris for only 25 francs. That is about \$1.12 for two dinners of soup, meat, vegetables, dessert and suetone. Fifty-six cents apiece. Well, he concluded, this was Paris!

Swedish Sculptor Visits Chicago

Carl Milles, the noted modern Swedish sculptor, is here on his first visit to the United States.

He is holding a conference with ten of the leading Swedish American citizens of Chicago about the placement of one of his greatest works of art, the Triton Fountain. These men are interested in showing the Swedish architecture to the people of America.

Mr. Milles will be the guest and speaker at the November meeting of the Chicago Chapter, American Institute of Architects, to be held tonight at their clubhouse, Prairie and 18th Streets.

Water Color Exhibit Held by Architects

The architectural faculty are holding a water color sketch exhibit at the Art Institute drafting rooms this week. Any students who made sketches this summer are invited to submit them. The professors who will probably have their drawings included in the exhibition are the Messrs. Reed, Bentley, McCaughey, Suter, Hoffmeister, and Peterson.