



Arx Banquet in Student Union A Huge Success

Heald and Van der Rohe Principal Speakers

President Heald welcomed the alumni at the All-Architectural Banquet given in honor of Ludwig Mies van der Rohe, the new director of Armour's architectural department, in the dining hall of the Student Union last Friday night.

There were approximately 200 alumni, former students, and present students of the architectural department present. A. M. Richardson, president of Scarab fraternity, briefly introduced Armour's new president to the alumni and former students.

President Heald acted as toastmaster and recalled the series of events finally leading up to the installation of Professor van der Rohe as director of the architectural department. Mr. Heald praised Mr. Jerrold Loebl as acting director of the department for the last two years, until the securing of the new director. He also praised Scarab fraternity in sponsoring this banquet, believing that honorary fraternities should be more active.

van der Rohe Explains Aim

Introduced to the alumni by the president, Professor van der Rohe commented on the comradeship and reasonableness of President Heald, the confidence of the committee, and a chance for serious work which urged him to come to Armour. He explained that his architectural program was not a result of theoretical meditation, but one of practical experience. He said, "I thought about all the problems that were important in my life and education, and I incorporated these in the program. Life has thrown me around quite a bit so I can consider myself an average person." The program is not for a supernatural student but a program for an average person who seriously wants to work.

He listed the three parts in the study of architecture: namely, "the means with which one builds, the purpose with which one builds, and the reason or sense of one's building." It is very important that students know about the materials with which they are to build structures; wood, stone, brick, steel, and their possibilities and limitations. He said that the students must know materials "in and out," their entire limitations.

He mentioned that the buildings of (Continued on page four)

Alpha Chi Sigma To Hold Dance in April

Alpha Chi Sigma held its bi-monthly dinner meeting in the Student Union on Wednesday evening, February 20. The subjects up for discussion were future pledging, the tri-chapter dance, and the organic chemistry awards.

Prospective pledges in the student body and faculty have been invited to the traditional pledge smoker to be held sometime next month.

Plans for the annual tri-chapter dance were also discussed. The dance is to be held on the fifteenth of April at Thorne Hall, located on the Northwestern campus in Chicago. Upsilon chapter of Northwestern University and the Chicago professional chapter will be the other local groups attending.

It was decided to award handbooks to the two students in the organic chemistry department who had, in the last semester, best exhibited the qualities of an organic chemist, both in the laboratory and in the classroom. The "Schmier" award fell into disuse the past few years, and its renewal should make the competition between the sophomore chemicals much keener. The two student winners for the past semester will be selected by Drs. Freud and Wasley, and the presentation of the awards will be made soon.

Large Audience Attends Annual Tech Concert

Under the direction of O. Gordon Erickson, the Armour Musical clubs presented their fourth annual Goodman Theater concert last Thursday evening. The varied program, offered by orchestra and glee club, proved interesting and entertaining to the large audience attending. Music lovers were thrilled by the choral effects produced by the glee club, which has a membership of over seventy students. The orchestra, with brilliant solo work by various members of the organization, presented their portion of the program with the ease and polish of professional musicians.

Present Popular Selections

Opening the program with the selection *Honor And Glory* by the orchestra, the glee club followed with a rousing rendition of the *Armour Fight Song*. The *Zampa Overture*, by the orchestra, and *Silent Strings* and the *Trumpeter*, by the glee club, showed to advantage the fine ensemble work of both organizations. The orchestra's presentation of *Agnus Dei*, *Elsa's Dream* and the *Intermezzo from Jewels of the Madonna* enabled the various soloists to exhibit their talents. The soloists were: Don Charlton, trombonist, in *Agnus Dei*; and Harold Doolittle, trumpet, who played *Elsa's Dream*.

After a short intermission, the glee club presented *Invictus* and the *Redman's Death Chant*, which featured the solo work of Thomas Yeakle Jr. As an encore, Yeakle sang the famous *I Want What I Want*. A rendition of *Pale Moon* as an oboe solo, with Peter Woods as soloist, and an orchestral background was followed by *Song of India*, featuring William Mashinter, violinist, and *Maleguencia*, featuring George Danforth at the piano.

Feature Soloists

Featured soloists on the program were John Segner who gave a drum solo, and Theodore Gromak and Her- (Continued on page six)

Six Features In New Issue of 'Engineer'

Packed with articles of timely significance and general scientific interest, Tech's quarterly journal *Armour Engineer and Alumnus* will make its March appearance on Wednesday, the fifteenth. It will be distributed, as usual, in the lobby of the main building.

Heading the list of six features will be two accounts of Chicago's subway. Joshua D' Esposito, government project engineer of Chicago subway, and Charles E. De Leuw, consulting engineer for subways and traction, will give their answers to the question on what the subways will mean to Chicago. These articles will serve as a sequel to a report in the October issue by Phillip Harrington entitled "Subway System for Chicago." Mr. Harrington is an Armour graduate and has recently been appointed commissioner of subways and traction.

List Subway Advantages

Maps of the subway system will be given, showing positions of various stations and terminals and coordination of elevated and new subway tracks over certain parts of the route. Switching and signalling systems and much pertaining to traffic handling will be explained. Mr. D' Esposito will attempt to satisfy many critics of the subway's construction as to why a two track and not a four track right of way is being used. Its practicality and advantages over the four track system will be thoroughly covered. Also, a detailed list of all the subway expenditures will be printed.

"Photo-records", a new solution to the problem of storing newspapers, magazines, records, etc., will be explained by Daniel F. Noll of the Fulcum Graflex Corporation. This method has met with success at Northwestern University and is now being tried out at the University of Chicago. Briefly described, tiny (Continued on page six)

Radio Lab Adds New Short Wave Material

Two 1,200 watt air cooled short wave transmitting tubes, a number of transformers, and other equipment has been acquired for the radio engineering laboratory by Professor A. W. Sear. Last summer, while working for the Bendix Radio Corporation, Mr. Sear came in contact with J. C. Harrower, the general works manager, who is an Armour graduate. When the Chicago plant of Bendix was moved to Baltimore, Md., about a month ago, Mr. Harrower promised to send equipment, which was no longer needed, to the institute. He recently shipped five large crates of equipment here. Many of the parts will be put into use this semester.

Although Mr. Harrower received a civil engineering degree, in the decade since he graduated, his field has been mainly radio and aircraft. He has been connected with United Airlines, American Airlines, the U. S. training base in Pensacola, Fla., and Bendix. His work has taken him to many parts of the world. With two other Armour graduates he set up a transmitter in Liberia so that operators from Firestone rubber plantations could communicate with home stations. Until recently he was in Panama, where he did radio engineering work.

Present Aids For Job Hunt To A.I.Ch.E.

Many of the labor aspects of engineering were surveyed in a paper by Arthur Fried presented at the regular A.I.Ch.E. meeting last Friday morning. He talked not only on the wages, and fields to which most of the men are diverted, but also on the requirements of a good engineer as far as industry is concerned, the percentage of men with various levels of education, and the amount and length of unemployment which occurred in the engineering profession in recent years.

In answer to a questionnaire on the faults of the graduates on first entering industry, industrial men replied that the new men lack the ability to sell themselves and their ideas, do not get along well with their associates and other employees, and are unable to cope with straight routine work. In regard to what the employers desired, industry answered that the men should be young, be willing to do various types of dirty work, be willing to receive a low wage when there is a good chance for advancement, have a good fundamental training in both the technical and cultural subjects, and above all not be inflated with self-importance. (Continued on page six)

The Perils and Mysteries of Election Day, or Engineers Don't Get Holidays

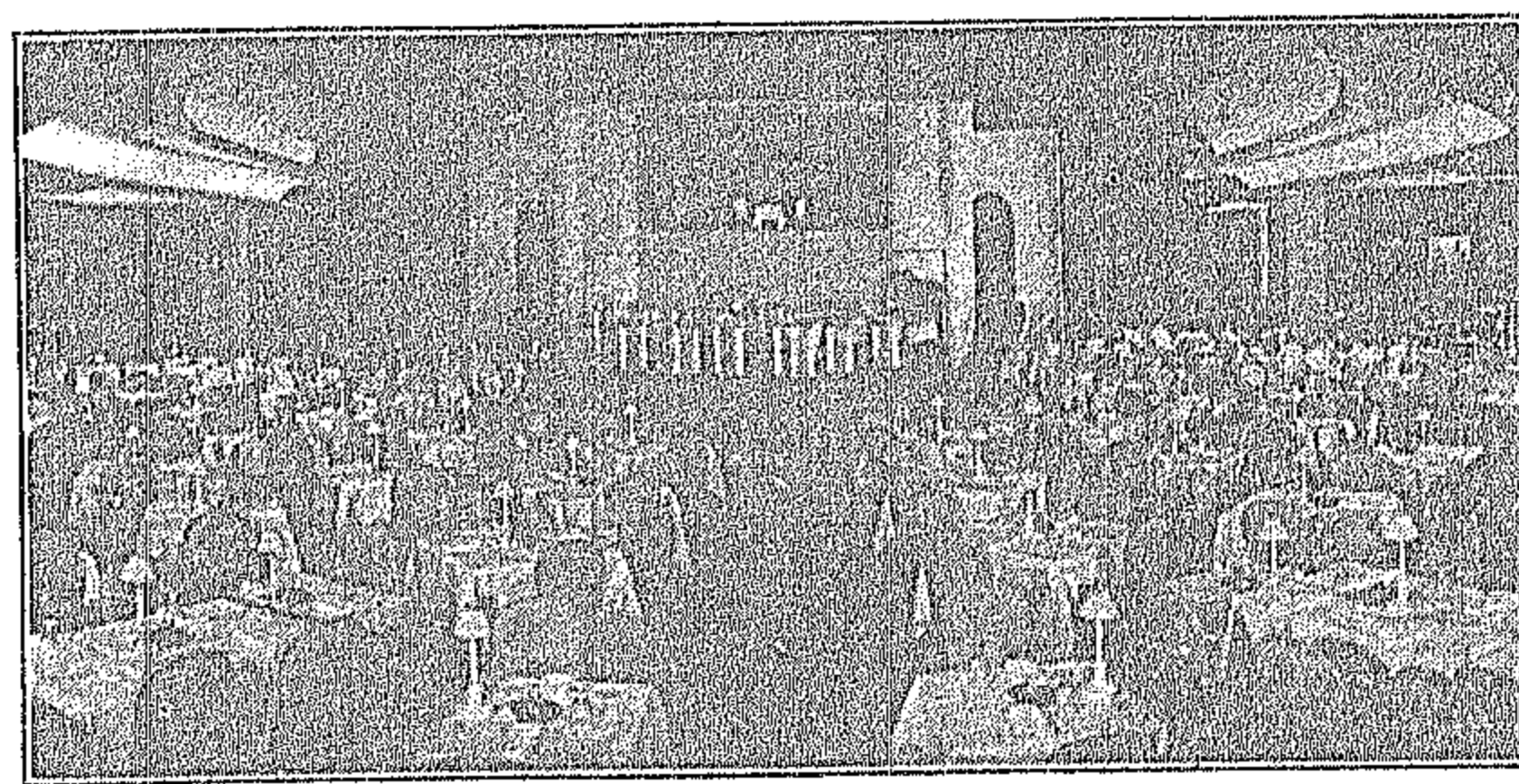
By ART HANSEN

Today, hale and hearty students, is election day. Now, this is not an astounding statement in itself until you stop to analyze and get the full meaning of the words. Probably the only thing that comes to your mind is the fact, dimmed by time and experience, that election day once meant to you in your grammar school days a day off from classes—a holiday, of course, your illusions about holidays and days off from school have long since been shattered by the traditions at Armour—no holidays or you won't get your money's worth.

Election day to people other than we humble students has other meanings. To the gum chewing salesgirls it is an opportunity to come late to work with the excuse: "Oh, Miss Beetle, don'tcha be mad at me. I hadda stop off and place my X on the ballot."

To the high salaried personal secretaries—those beautiful blondes with legs like you see in silk stockings ads and who have the habit of sitting on their boss's lap—election day is an excuse to ask the old fogey for a half day off. Instead of hying them-

New Congress Casino Furnishes A Picturesque Setting for Junior Formal on March Tenth



Soil Mechanics Lab Receives New Equipment

Included among the recent improvements at the school has been the reconditioning of the soil mechanics laboratory. Dr. Ralph B. Peck is in charge of the laboratory, and under his guidance many improvements have been made.

The humid room has been caulked and painted on the inside with an aluminum metal paint. The object of this is to make it as nearly moisture proof as possible. A Walton humidifier has been installed and is in use. The humidifier consists of a water basin with an electrically driven vaporizer which keeps the air in the room in a nearly saturated state. Other equipment has been installed and more is to follow soon.

Dr. Peck is a newcomer at Armour. He is a graduate of Rensselaer Polytechnic Institute and has done additional studying at Harvard. At the present time he is first assistant to Dr. Terzaghi in charge of soil tests for the Chicago subway. He is also an instructor in the Armour night school.

Of the numerous test pits that have been opened for clay soil samples, several complete sets are in the soil lab to be tested. The tests that are to be made are known as the Atterberg limits. The Atterberg tests determine the liquid and the plastic limit of the different clays. The liquid limit of a clay is the point of maximum moisture-content at which the clay will remain a plastic solid. The plastic limit is the point of minimum moisture under the same conditions.

Thomas Speer, a graduate of Armour, class of 1938, is Dr. Peck's assistant in the laboratory. It has been through him that the work has been done. Mr. Speer is studying for a master's degree in Civil Engineering in the branch of soil mechanics.

Dance Club Will Hold Social Friday Evening

At last the great day has come! The dance club will turn from gazing across the floor at one another to looking into the eyes of the lovely ladies who have been invited to their first social to be held Friday night, March 3rd, in the Student Union. Dancing will be from nine till twelve to the music of Don Charlton and his orchestra.

Twenty-five young ladies from the Chicago Teachers' College have been invited by the dating bureau and will be furnished transportation by members of the club. Those not needing dates may bring their own partners. Membership cards will be required for admission to the dance.

Brunette Rosemary Galanti, comely student from Chicago Teachers' College, demonstrated at last Wednesday's meeting the part a young lady plays in dancing. Music was made possible at this meeting by our duplicating system furnished by Walter Matthews.

Camera Club To Hear First of Series of Talks

Professor Peterhans, an authority on photography, will be principal speaker at a program to be held by the Armour Eye camera club on the evening of March 8.

Armour Eye is fortunate to have two experts, Professors Peterhans and Roesch, to assist members in whatever branch of photography their interests lie. Although the club is particularly interested at this time in studio settings and processing technique, the personal tastes of the members cover a wide field. This is evident from a glance at the list of subjects to be considered during the coming semester. These subjects include portraiture, color work, infrared photography, and commercial photography. The club is completely equipped to undertake investigations into all these fields.

Casual visitors to the club rooms are immediately impressed by the number of excellent camera studies hanging on the walls. During their free hours in the day, members are busily working at printing and developing pictures, making enlargements or setting up a "shot" in the studio.

To stimulate further interest, both on the part of the members and on that of other camera fans at Armour, Don Crego, president of the Armour Eye, has announced a photography contest. This contest, held at the monthly night meetings, is open to all Armour students. The subject upon which all entries will be judged is "detail." Requirements for entry may be had from any member of the club. All Armour students interested in photography are urged to submit their entries.

New members pledged as a result of the membership drive are: Alfred Barry, William Grosse, Charles Super, Alfred Wong, William Horton, and John Damiani. Professor Roesch has been secured as a faculty adviser.

Located on the fourth floor of Chapin Hall, second entrance, the club is open at lunch time, and those interested are invited to come up, look around and meet the members.

Committee Urges Prompt Placing of Reservations; Good Selection Available

"Smart Chicagoans prefer the New Congress Casino for dining and dancing" is the slogan formulated by the management of the Congress Hotel, and therefore the Juniors of Armour Tech have selected the Casino for their formal on March 10. Griff Williams is the musical highlight of the occasion, and to the accompaniment of the dance of the year.

In previous issues the News covered most of the details of the affair. We follow with a little description of the setting in which the affair takes place.

Murals Decorate Casino Walls

The Casino is the town's unique restaurant, in that it presents to its guests a room of artistic beauty and comfort, which is quite out of the ordinary. Adorning the walls of the ballroom are a series of murals in which Catherine O'Brien and Mildred Waltrip, talented young Chicago artists, have depicted the art of dining and dining through the ages, from early Adam and Eve to early 1937.

Starting at the west end of the north wall, there are a series of seventeen subjects. The subject matter covers many countries and is punctuated with drama, romance and hilarious comedy.

The setting is highlighted by a modern soft-tone lighting system, which is bound to add charm to the affair. One of the chief features of the Congress is excellent service, and there will be no lack of this for the fortunate techmen who attend.

Bids Going Fast

Chairman Don Charlton has announced that bids are going fast and that all who are interested had better see him if they want to be assured of a place. Each bid sells for \$5.50, which includes dinner and dancing.

Don's committee in charge of the dance consists of Jack Clark, Ernest Mandel, and Gene Worcester. Any of these men may be contacted for complete information on the formal.

The committee has announced that a seating plan is being arranged, and upon payment of one-half of the bid charge a student will be assured of a reservation. Naturally the best places will go to the first ones in.

Students are requested to arrange their groups before the plan is completed so that they may be seated with their friends.

Co-ops Plan Smoker For Friday, March 31

Friday, March 31, the last day of the present co-op term, has been set as the date for the co-op smoker to be held in the Student Union Building. Refreshments will be served, and several reels of interesting movies will be shown. These plans were discussed last Friday at the first co-op club meeting of this semester.

Frank Heidenreich, president of the club, was in charge of the meeting, and was assisted by the remaining officers: Walter Meyers, treasurer, and Victor Schellschmidt, secretary. Since Kenneth Olson left school, the office of vice-president has been vacant, but an election in the near future will decide his successor.

It was proposed at the meeting to abolish membership dues and to make all co-op students members of the club. This automatic membership would include all co-ops in the school. As the constitution of the club states, the final vote on these questions must be taken at one of the meetings following the suggestions. Accordingly, this vote will be taken on March 31, preceding the smoker, and members in both the A and B groups will give the votes necessary to amend the present constitution.

Future plans of the club include several inspection trips through various plants in or near Chicago. Full particulars regarding these trips will be made known as soon as the plans are completed by the officers.