



Lyckberg Attends Tau Beta Pi Conclave At U. of Cincinnati

Chosen Official Delegate of Armour Chapter

Berndt Lyckberg, corresponding secretary of Armour's chapter of Tau Beta Pi honorary, has been chosen official delegate of Illinois Beta to the thirty-seventh annual convention, October 6, 7, and 8. The convention this year is to be held at the University of Cincinnati. Last year's convention was held at Austin, Texas.

Members who are fortunate enough to be able to attend the convention are well rewarded both educationally and socially. Trips will be conducted to the various industrial plants of the city and a tour made of the campus and engineering buildings of the U. of C. Business sessions will occupy only a few hours of each day. The delegates look forward to the Thursday night smoker, the convention formal dance, the football games and the freshman dance.

On Thursday, October 8, business will get under way with registration and an opening session in the morning. At this time the convention committees will be appointed. A luncheon and the campus tour will follow. The second business session of the day will be followed by a model initiation, an initiation banquet and smoker. All these events will take place in the Netherland Plaza Hotel.

Friday will be spent mostly in touring Cincinnati. The Third business session will follow in the afternoon. The formal convention dance will occupy the evening.

Business will be concluded on Saturday with two sessions. The convention banquet will be followed by a football game between the University of Cincinnati and the University of Dayton. Three perfect days will be completed at the freshman dance to which all delegates and their dates are invited.

New Evening Division Courses Introduced

Registration in the evening division has reached a total of 1,682. Compared with last year's registration it has dropped slightly. According to Mr. Setteberg, registrar of the evening division, this decrease was due to the industrial decline which began last August. This especially affects the evening division because of the fact that the courses taught are largely of an industrial nature.

There are several courses offered this year which have never been given previously. Some of these are, Physical Chemistry, Ch.E. 308; a course in Metallurgy, Ch.E. 1; Elementary Surveying; C. E. Drawing; Estimating and Accounting; and a course in Foreman Training. There is a possibility that an advanced course in electrical engineering, E.E. 407, dealing with alternating current machinery, will be offered if the demand for it is great enough.

The evening graduate curriculum has also been lengthened. Some of the new graduate courses offered are: Engineering, Mathematics, X-Ray, Applied Acoustics, and Industrial Relations. There are at present 20 evening students registered for thesis and research work in the graduate division.

A.I.E.E. Smoker Designed To Aid Membership Drive

In keeping with a drive for increased membership, the Armour Chapter of A.I.E.E. plans a full and interesting program for the coming year. The first major event will be a smoker to be held within the next three weeks. It is hoped that the new Student Union will be available. All old members and prospective members are invited to attend.

Committees have been appointed and arrangements made for talks by outside speakers and members of the faculty. Movies, trips, and presentations of papers by students are also planned.

Not satisfied with an almost 100% membership of junior and senior electricals, the society will try to induce sophomores and freshmen to join as early as possible in their college career. All students who are interested in electrical engineering are urged to attend the next meeting, which is tentatively scheduled for Oct. 7, at 10:30 in the Electrical Lecture Room.

New Mission To Be Ready for Students By November 1st

Work on Armour's historic Mission building is gradually converting it into the long-awaited Student Union. Many needed improvements are embodied in the plans for modernization. As a means toward more efficient and capable handling of the student body during the rush of the lunch hour, the old lunch room is being expanded. Space previously occupied by the kitchen and faculty grill is to be utilized. Provision for cooking facilities will be made in the form of an extension built onto the east wall of the building. An added portion for the enlarging of the lunch room, a part of the old hallway will be made available. Rooms will also be provided for dinners, banquets, etc.

The front stairways are being completely revamped and portions of various short steps in the building will be concrete. The students' leisure time is provided for in the conversion of the civil drafting rooms into a lounge with a small array of reading racks and shelves adjoining. Current periodicals and recreational literature will be available to students.

Study rooms are to be arranged in the space beneath the balcony, while the assembly hall will have movable chairs and a floor suitable for dancing. As was requested by many, the stage will be extended forward a few feet. Throughout the building, the latest developments in electric lighting will be installed. Announcement has recently been made by Professor Moreton's office that all operations will have been completed by the first of November.

E. Chevalley Elected Head Of Rho Epsilon; Prof. Sear Will Be Faculty Sponsor

Professor Sear is now the faculty sponsor of the most recently organized fraternity on the campus. Formerly known as the radio club, the Armour chapter of Rho Epsilon has elected officers for the coming term. They are: E. Chevalley, president, A. Zarem, vice-president, R. Ramp, secretary, and E. Foster, treasurer.

Any men interested in joining Armour's Epsilon chapter should fill out an application before Friday. The call letters granted the amateurs are W9YW. With the new transmitter completed, the station will be able to go on the air very shortly. At the present time, the antenna is being erected.

Night School Smoker Oct. 8; Heald Speaks

The "Night Hawks," an association of evening division students organized last year, will hold their first affair of the present semester the night of October 8—a smoker to be given in Science Hall at 8:00 p.m. President Heald will be the main speaker.

The president of the organization, in addressing all evening students, has this to say:

"Our association, the 'Night Hawks', welcomes all new evening students to a school we intend to make the foremost engineering school in the country. To do this we need your help. You have all received a prospectus of our future activities. The first event is to be a smoker on October 8th in the Science Hall in the main building. We want all of you to attend. President Heald will be the speaker of the evening and we will have other attractions.

"Let's get behind our organization and 'go to town'. Remember—the top engineering school anywhere. I know we can do it."

Day students are also invited to attend a tour through the Fisk Street Station of the Commonwealth Edison Company on Oct. 15th at 11 a.m. Harold A. Lynette, secretary of the "Night Hawks," is in charge of the tour.

Beside the smoker, many other events and affairs are scheduled. A pre-halloween dance featuring Pierson Thal's orchestra will be held on October 20. The bids will be \$1.50 to members and \$2.00 to non-members. Harold A. Vagtborg will present a lecture, "Activities at the Research Foundation of Armour Institute of Technology," before the "Night Hawks" on November 12.

Two scientific pictures will be presented during the afternoon of December 3.

"Bridging a Century" covering the Golden Gate Bridge, and high speed films made at M. I. T. will be given. A holiday dance, more movies, and a smoker are also planned.

Sophomore Class Officers To Be Elected Tomorrow

During last Thursday's meeting of the sophomore election committee, which consists of D. Crego, chairman, J. Donohue, H. Fisher, L. Haas, J. Hartman, R. Main, and F. Wolf, it was decided to hold the sophomore elections tomorrow. The election committee, which was appointed with the consent of the class by R. Zoellner, temporary chairman of the class, is made up of one man from each department.

The committee, whose primary duty is to accept or reject nominations for office, announced the following nominees: president, K. Meyers, L. Naum, and R. Zoellner; vice-president, R. Mead, F. Reh, and J. Waber; secretary, J. McErlean and H. Zimmerman; treasurer, D. Kneif, and T. Stowell; social chairman, K. Davis, F. DeMoney, and R. Murray; and for A.T.S.A., R. Larsen, and R. Sweeney.

The election tomorrow will take place in the lobby of "Main" from 8:30 until 1:00 p.m.

Orchestra, Glee Club Elects New Officers

Elections of officers of the glee club and orchestra for the coming season were held last week at the regular rehearsals of the two organizations. The new glee club officers are: J. D. Keane, president, H. R. Coyle, secretary-treasurer, and E. H. Worcester, manager. The following were elected as officers of the orchestra: P. Hoffman, president, W. H. Mashinter, secretary-treasurer, and W. M. Caldwell, manager.

The new season promises to be an eventful and interesting one for the Armour Musical Clubs. With many new numbers in their repertoire, both the orchestra and glee club feel confident that their future programs will meet with wide spread approval. Among the new numbers this year are the *Red Man's Death Chant* and the *Song of the Open Road* for the glee club, and Tchaikowski's 1812 Overture for the orchestra. The size of the clubs has been swelled by the large number of talented new men who have joined this year.

Next Friday night, men of the Musical Clubs travel to Evanston as guests of the National College of Education. This will be the Clubs' first social event of the season.

Professor McCormack to Speak at A.I.Ch.E. Meeting

The officers and program committee of the Armour Tech chapter of the A. I. Ch. E. met last Friday and formulated tentative plans for the present school year. These plans include several social affairs and a number of guest speakers.

The organization is under the leadership of P. Peltier, member of Tau Beta Pi, Phi Lambda Upsilon, and Alpha Chi Sigma.

The first meeting of the society will be held this Friday at 10:30, and will be of special importance to freshman and sophomore chemicalists. Professor H. McCormack, head of the Department of Chemical Engineering will be the speaker. Professor McCormack will discuss the duties of a chemical engineer and give a short survey of the profession.

Membership is of vital importance to student chemical engineers, since through it they can make important contacts with men established in this profession and thus aid themselves in future life.

Co-ops Report Profitable Activities During Summer, New Fall Term Under Way

As the regular day school students gradually become acclimated in the fall term just started, the Co-ops of the "B" group are rapidly approaching the end of their second term of the year.

An innovation which was introduced by the Co-ops this year is the new student directory or "Blue Book." In it are listed all the Co-operative students by classes, as well as their interests, the type of work they do when at work, and the company they work for. This book has done much to bring the Co-ops closer together socially as well as professionally.

Earlier in the summer the Co-op clubs of the "A" and "B" groups were merged into one club with two sets of officers. These officers will co-operate in true Co-op fashion when club activities are being planned.

One of the main functions of the club this summer was to sponsor inspection trips to various points of interest to the aspiring engineers. The "A" group carried this program through quite successfully and the "B" group started to follow suit. The first trip was to the Underwriter's Laboratories on the near north side, and was very successful. However, the Labor Day holiday and a shift in schedules combined to prevent the carrying out of what had promised to be a fine program.

An election for new officers in the "A" group will take place shortly after this group's return to school in October. These new officers will meet with the leaders of the "B" group to plan the next social event of the Co-ops.

Ludwig Mies van der Rohe Banquet at Palmer House

The Chicago Chapter of the Illinois Society of Architects and the American Institute of Architects in a joint meeting will honor Ludwig Mies van der Rohe, newly appointed director of the Armour department of architecture, at a dinner to be held in the main ballroom at the Palmer House, Tuesday, October 18. Frank Lloyd Wright, one of America's foremost architects, will be among the distinguished personages to pay homage to the new member of the Armour faculty.

All persons interested in attending the dinner may obtain tickets at the Art Institute, three dollars per plate.

Science, Fire Protects Leaders for Five Years

Protests of a few engineering science students last week prompted an investigation to see which departments have led the school in grade point averages, and as a point of interest, the results are here revealed.

Announced in October, 1934, for the previous semester, science led the departments and the fire protects followed second. For the following four semesters, never below 2.08, the science remained high with the F. P. E.'s second.

Two years ago the science dropped back to let the firemen hold the lead for two semesters, and then regained it once, relinquishing it again last June.

This science has held it six times in the past nine semesters, the F. P. E.'s three. The statement of last week that the fire protects now lead "as in former years" aroused this investigation.

Arx Dance Held on October 21st

For a good time keep October 21st in mind. On that date the Arx will hold the first school dance this semester. The committee in charge have decided to hold their dance at the Edgewater Beach Hotel.

Either Al Trace and his College Inn orchestra, or the Colonial Club, both well known by recent broadcasts, will be chosen to furnish the music for the ZARABANDA, which denotes "liveliness" or a gay dance.

A large attendance is expected by E. Mandel, chairman of the dance committee, with support from the Art School and the night school. Bids will be priced at \$1.50 and will be on sale Wednesday or Thursday.

The committee in charge consists of E. Mandel, T. Pasiuk, W. Horton, and F. Prather, who will make certain that every student will know what the ZARABANDA will be.

Frosh to Undergo Eye and Ear Tests

Members of the freshman class shall have the interesting experience of going through a series of tests designed to eliminate failure due to eye and ear deficiencies.

The procedure of going through the tests will not take time from the student's studies, since only five minutes are required to go through a group of tests designed to acquaint the student with his deficiencies and suggest a cure. The student aware of his shortcomings consequently will go to a specialist for correction. Value lies in the fact that students are not always aware that they are making undue effort in the understanding of text material. Eyestrain doesn't always occur to the student as being his difficulty and as a result some students are not as successful in their studies as they would be with proper use of their faculties. Hearing, too, can be corrected in most cases by correct classroom seating so that sounds can be directed toward the student to his best advantage.

The interest lies in the fact that the tests are colorful and appeal to the imagination of the engineering student. They are divided into sections for the accurate determination of visual efficiency.

Renew Armour Radio Program Saturday Night

Christophersen Writes And Directs New Radio Series

SCHREIBER SUPERVISOR

Next Saturday, Oct. 8, will see the return of Armour Tech to the airlines on station WCFL. A new series of radio programs under the supervision of Alexander Schreiber, and written and directed by Merrill Christophersen, will present a portrayal of the modern engineer in present day life. The first series entitled, "The Engineer in Action," will consist of five programs showing how the Electrical, Civil, Mechanical, Fire Protection, and Architectural engineer each affect our lives. This first series is then to be followed by a second which is still in the process of formation.

Discuss Teletype

This Saturday's program is to be devoted to the Electrical engineer. The subject of the program is the modern teletype instrument, invented and developed by electrical wizards. The broadcast will be of a dramatic nature, featuring a conversation between an engineer and a newspaper editor who is about to resign his post. The conversation brings out the development of the teletype in an ingenious fashion.

On the following Saturday, October 15, the topic will be "Poison," and will tell of the struggle put up by the Civil engineers for the City of Chicago in order to prevent the pollution of our drinking water. Following that, on Oct. 22, will be "Streamliners," a tribute to the inventive genius of the Mechanical engineers. October 29 will see the Chemical engineer in the story of "Coal." On Nov. 5 the Fire Protection engineer will be presented under the subject of "Fire." The last of the present series will be given on November 12, and will be entitled "Houses." This program will be devoted to the Architect and the Architectural engineer.

Professional Actors

The new series of broadcasts is to be quite a bit different from that of previous years. This time the main part of the program is to be a fifteen minute dramatic sketch, rather than an interview or talk given by some professor. The performers will be professional actors similar to those who appear on other programs of an equal status. As another innovation, there will be sound effects in considerable number to clarify the dialogue. A special sound effect has been decided upon to open each broadcast. The purpose of this is to identify the program for the listener immediately.

One of the most important changes in the program is the hour of broadcast. The time has been moved up from last year's place and now the program will be heard from 5:00 to 5:15 instead of from 7:00 to 7:15, as before. It is hoped that the new series will attract the public interest to Armour Institute.

First Meeting of A.S.M.E. Scheduled Friday Morning

All sophomore, junior and senior mechanical students are urged to attend the first meeting of the Armour Student Branch of the American Society of Mechanical Engineers next Friday, October 7, at 10:30 a.m. in Science Hall. Notices of the meeting will be posted on the school bulletin board this week as a reminder. An invitation has been extended by President P. Hendriksen to all the Mechanical Engineering professors to attend the meeting and to address the group. Professor H. L. Nachman, faculty chairman will speak on the benefits and purposes of the society.

The two types of memberships available in the student branch and the recommendations concerning each will be explained at the meeting.



By GENE WORCESTER

Neville Chamberlain has at last given birth to the brain child brewing in his mind. Europe is for the present securely tied up with a four-power treaty. Two fascist states, a pro-fascist kingdom, and a democratic lamb are now bound together to guide continental policy. War for the present has been averted. Czechoslovakia has been neatly sold out to effect temporary peace and today her former western borders are overrun with Nazi soldiers. Democracy has been dealt a terrific blow while fascist stock has doubled overnight.

Was England afraid of another European conflagration? Did she fear a recurrence of 1914? I'm not too sure. She realized sacrifice was necessary to avert serious complications. Chamberlain stated it would be foolish to war over consequences of the magnitude of the Czech border crisis. Every militarist in Europe agrees that Germany could easily crush Czechoslovakia, but serious doubt arises whether she could last many months against the combined forces of Russia, France, and, perhaps, England. Italy's assistance to Hitler would probably be only moral, as Benito is too shrewd to pick a sure loser. Furthermore, what could he gain in Europe by allying his armies with Dur Fuhrer's. England offers far more tempting inducements and a repetition of the Tyrol gift would greatly satisfy Roman feelings. Hitler's general staff knew this Mayhap England distrusted Der Fuhrer's psychological stability and decided to appease Europe's problem child with a piece of Czech peppermint rather than trouble herself with spanking an errant brat. Anyway, Hitler played on the high strung nerves of tense Paris, London, and Prague and (Continued on page four)