



## Mechanical Engineer to Speak At Commencement Exercises

On June 9th, the Class of '38 will pass from the portals of Armour, never again to reenter as students. The commencement exercises will be held in the west wing of the Rosenwald Museum. The principal speaker will be L. W. Wallace, director of research of Crane Co., and vice-president of the A.S.M.E.

Mr. Wallace, who is a member of Pi Tau Sigma, is also director of equipment research for the Association of American Railroads, and is a consultant in railway and industrial engineering.

During the war Mr. Wallace was active in the service of our country. He was a member of the Indiana State Council of Defense and a member of the U. S. Fuel Administration of Indianapolis.

Besides all these achievements, Mr. Wallace is also an author; two of his works are "Fire Losses—Locomotive Sparks," and "Steel Freight Car Design." He also wrote part of "Toward Civilization" and was a co-author of a section of a Management Handbook.

Mr. Wallace is a member of many organizations of national and international repute. He is a member of the A.S.M.E., S.P.E.E., American Academy of Political and Social Science, Western Railway Club, Industrial Engineering Society and Society of Industrial Engineers, Washington Academy of Science, Masaryk Academy of Works, New York Engineers Club, and the Chicago Union League Club. Beside all these memberships, Mr. Wallace is also a knight. He was decorated with "The Cross of Knight of the Order of the White Lion" in Czechoslovakia.

There will be five tickets given to each graduate, but one of these tickets will have to be used for his own admission, leaving four tickets for guests.

## Norkus Elected In A.T.S.A. Vote

In the A.T.S.A. election held last Friday the following men were elected: Lloyd Norkus for first vice-pres., Tom Collier for second vice-pres., and Don Mackey for secretary. The outcome of the Student Union plan is given in another story on this page.

The most closely fought battle of the election was between the two candidates for second vice-pres., Paul Henriksen and Tom Collier, Collier winning by the margin of only two votes, 324 to 322. As a result of the closeness of this race, the ballots were counted three times by the committee in charge, in order that the result should be absolutely correct. An elaborate check system was devised whereby three men kept track of the count and two others checked the ballots. In this way all errors were eliminated.

The battle between Norkus and Worcester was another interesting one. At the start Worcester ran off a string of about forty votes before his opponent had collected ten. Then Norkus started picking up a few, here and there, gaining consistently. Near the middle of the count, Norkus had his long string, catching and passing Worcester. From then on, the victor piled up a larger and larger majority, finally winning 402 to 262.

In the race between the two sophomores, Mackey and Opila, Mackey was out in front all the way. The final count here was 366 to 270.

The vote cast was one of the largest ever encountered in an Armour election. The reason for the large count was probably due to the Student Union problem which brought over fifty per cent of the student body to the ballot box. The new officers will assume their duties next fall when the board holds its first meeting under the new president, Richard Vandekieft, who automatically assumes the high office.

## A.I.E.E. Holds Frolic At Waverly Beach, Ind.

The annual AIEE picnic drew to a very successful conclusion yesterday. As is the usual practice the electricals went to Waverly Beach at Plymouth, Indiana, for a day of relaxation and enjoyment.

The group met at the dunes at about 9 o'clock. However, some were unable to make that time because of heavy weekends. The day began with a baseball game between the junior and senior electricals. The game ended in favor of the juniors, "so say the juniors."

After this eventful morning the fellows had their picnic with pop and ice cream being presented by the AIEE. The afternoon was devoted to sleeping, more ball playing, and general fooling around. The fooling consisted in tying knots in clothes and throwing each other in the ice cold water. A few who intended going swimming found themselves with those who had no liking for the frigid aqua pura. To say that a swell time was had by all is putting it in the mildest of terms.

## 250 Aspirants Try Scholarship Exams

### Record Number Competed Last Saturday

The largest group ever to compete for freshman scholarships at Armour, assembled in Science Hall last Saturday morning. About 250 contestants were present, 100 more than in any previous year. After being addressed briefly by President Heald, the candidates took their places in the Freshman Drafting Room, the Physics Lecture Room, and Science Hall, and for three hours worked on the examinations. These tests were of the objective type except in the case of an essay which was judged for its English composition.

Mr. Kelly was in general charge of the examinations, while other members of the scholarship committee: Professors Seegrist, Winston, Bibb, Davis, Manley, Sear and Sprague, took care of the groups in each room. The Junior Marshals rendered valuable service as proctors and general assistants to the committee. When the tests were finished an entertainment and luncheon for the participants were given by all the social fraternities of Armour.

Many of Saturday's contestants were students of the highest caliber; in one case the top student in a graduating class of 900 competed. Honor men of almost all of Chicago's high schools were represented.

While results of the examinations are usually announced in one week's time the large number of candidates may cause a slight delay. A scholarship representing full tuition for one year and worth \$300 will be awarded to each of ten winners.

## Peltier Is Elected A.I.Ch.E. Chairman

P. J. Peltier was elected chairman of the Armour branch of the A. I. Ch. E. at the election of officers held last Friday noon. He will be assisted during the coming year by R. Petri, secretary, R. B. Boertitz, treasurer and J. R. Meyer, assistant treasurer. W. E. Kruse, J. D. Keane, and B. K. Lyckberg were elected to constitute the senior program committee, whose duty it is to obtain speakers and promote activities for future meetings.

Peltier, the newly elected chairman, is also secretary of the junior class, a member of Phi Lambda Upsilon and Alpha Chi Sigma, and was recently pledged to Tau Beta Pi. The returning officers, who have led the activities of the Armour group during the past year are: W. R. Marshall, chairman; P. J. Peltier, secretary; J. A. Kubik, treasurer; R. B. Boertitz, assistant treasurer.

## Tau Beta Pi to Initiate Fourteen Men Tonight

This evening Tau Beta Pi, national honorary engineering fraternity, will formally initiate fourteen pledges, seven seniors and seven juniors. The actual initiation will take place in the fraternity rooms on the school campus. After the initiation formalities, dinner will be served in the faculty grill, and followed by a loop theater party.

The students whose excellent scholarship and extracurricular activities made them eligible for Tau Beta Pi membership are seniors: R. A. Braun, C.E.; I. Gebel, E.E.; W. J. Laise, E.E.; L. Lange, F.P.E.; H. B. Nicholas, M.E.; L. B. Parker, F.P.E.; L. B. Poskonka, Ch.E.; and juniors, H. S. Anthon, C.E.; C. J. Kovacic, M.E.; B. Lyckberg, Ch.E.; P. J. Peltier, Ch.E.; N. D. Rice, M.E.; T. W. Yeakle, F.P.E.; and A. M. Zarem, E.E.

## Students Convene To Reform A.T.S.A.; Charge Inefficiency

Last Friday the more prominent members of Armour Tech assembled in Room A, Main, and took the first step in relieving a situation that has long bothered a good portion of the student body. The topic of discussion was the abolishment of the present Armour Tech Student Association and the formation of a new student board that can and will give efficient service to the student body.

The meeting was called by Jim Fahey, the present sophomore representative to the A.T.S.A. and was conducted by him. The assembly was composed of the main athletic figures of the schools, most of the class officers, and other active Techawks. It totaled 25 in attendance.

Following an explanation of the purpose of the meeting, Fahey presented his reasons for the dissolution of the board to the group. Considerable discussion took place as to whether it was better to reform the present body or to create a new one. It was soon pointed out that under the present constitution it is impossible to change the present form and consequently a new body is necessary. The reason for the futility of effort in changing the A.T.S.A. is the fact that in order to add any amendment to the constitution, two-thirds of the student body must vote affirmatively for the change. It is next to impossible to get two-thirds of the students to vote, much more affirmatively.

The main changes that the group approved were the removal of unnecessary men from the board, the formation of a new election system, the appointment by the president of the board, of an executive committee on motions that necessitate action, the termination of secret meetings of the board, the publication of the board's findings, and the formation of some agent to obtain immediate action on the financial matters concerning the A.T.S.A.

All these items were, more or less, agreed as necessary by the group and a committee was immediately appointed to draw up a new constitution. This constitution will be presented to the student body, compared with the old, and a student referendum taken. The committee will meet next Friday to discuss and make the changes agreed upon.

The committee is composed of Willie Kruse as chairman and Dick Vandekieft, Joe Janicek, Lloyd Norkus, P. L. Schaeffer, F. Opila, and Jim Fahey.

## Musical Clubs to Elect Officers Today at 12:20

Closing a very busy season, with the exception of the Alumni Banquet, the Musical Clubs held their final rehearsal last week.

An election of officers for the glee club and orchestra will be held in Science Hall at 12:30 today. In order to hold office students must be members of two years duration, as stated in the constitution of the Musical Clubs.

On June 7, the glee club and orchestra will meet at the Medinah Athletic Club for their final concert this semester.

## Summer Session To Start June 20

Offering courses in eight different departments, the summer session at Armour will begin June 20 and continue till August 12. Courses in civil engineering, chemical engineering, architecture, electrical engineering, mechanical engineering, mathematics, mechanics, and physics will provide the curriculum matter.

The summer session is provided for the benefit of those instructors and special students who wish to extend their knowledge of scientific and technical subjects, for the students attempting to make up work or shorten their school term, and for the high school graduates who wish to make up deficiencies in studies required for admission.

The tuition fees for the summer work varies from \$20 to \$90 according to the subjects elected. Work in the civil engineering department consists only in the Field Practice in Surveying course, held at Camp Armour in Wisconsin. Elementary Chemistry, Analytical Chemistry Quantitative Analysis, and Special Methods of Analysis comprise the work offered in chemical engineering. Freshman, sophomore, junior, or senior design will be given in the architectural work.

The courses offered in electrical engineering will be Elements of Electrical Engineering and the junior course in Direct and Alternating Currents. Freshman, sophomore, and junior drawing, Descriptive Geometry, and Experimental Engineering will be given in the mechanical engineering department. Mathematics courses will include Review Algebra, Solid Geometry, College Algebra and Elements of Trigonometry, Analytical Geometry and Applications of Trigonometry, and Differential and Integral Calculus.

The entire sophomore Mechanics courses, Mechanics of Materials, and Hydromechanics will be given by the Mechanics departments. The physics department will include the sophomore Physics courses, both lecture and laboratory, in its curriculum.

Those planning to attend the summer session are urged to make their applications early. For further information, bulletins may be obtained in the Registrar's office.

## Heald, Cunningham Address Alumni at Banquet Next Week

President H. T. Heald will be introduced to Armour alumni at the annual Alumni Banquet, which will be held this year on Tuesday, June 7, at 6:30 p.m. at the Medinah Club. Many of the alumni will remember Mr. Heald from their undergraduate days, when they came to know him so well as dean of the Institute.

In addition to the introduction of president Heald, there will be a concert by the Armour glee club and orchestra, which will present their last program of a highly successful season. There will also be an address by Mr. J. D. Cunningham, president of the Armour Board of Trustees, and reports from some of the classes represented by the alumni present. Several awards will be made to outstanding seniors.

Underlying this year's alumni gathering those present will find a unity of purpose, action, and interest between the administration, board of trustees, faculty, and student body as well as the alumni.

Following the welcoming of the class of '38, the "freshmen" of the alumni, the reports from the classes will be made by representatives of those whose graduation year differs by five years from 1938. Thus, the classes of '38, '33, '28, etc. will report.

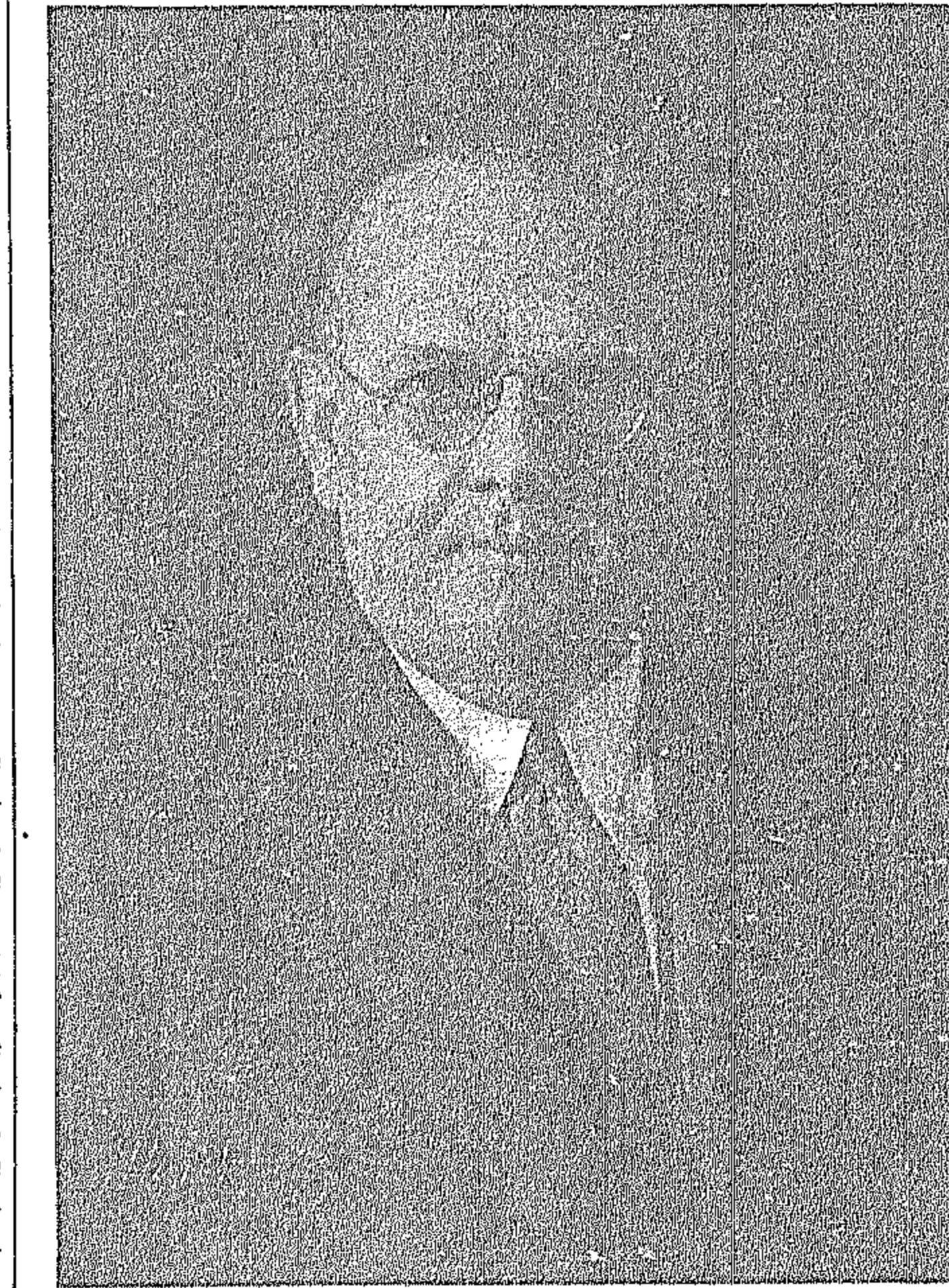
The presentation of awards will consist of the giving of Honor Cycles to the eleven seniors selected for this honor, and the presentation of the Alumni Award to the outstanding "all-around" senior.

## Union Plan Approved 546-117! Remodeling Done by September

The Student Union plan has been overwhelmingly approved by the decisive vote of 546 to 117!

Prof. D. P. Moreton, Public Relations Director, under whose auspices the Student Union Plan was championed and under whose desires the voting was conducted, expressed a new enthusiasm for the plan. His enthusiasm was shared by President Heald, Dean Tibbals, and Treasurer Allison, all of whom have given the students their active support of the program.

### SUBMITS PLAN



Prof. D. P. Moreton

## I. Thomas Awarded A.S.M.E. Membership

### L. W. Wallace Talks at Same Meeting

Idris Thomas, former president of the Armour A. S. M. E. branch, was the recipient of a Junior Membership Award to the A. S. M. E. offered by the Chicago Branch of the Society was announced by Faculty Chairman Nachman. This award is given annually to the senior student member who has been most active in the society during the year.

At the last A. S. M. E. meeting held in Science Hall on Friday, May 20, Mr. L. W. Wallace, national vice-president of the A. S. M. E. and research director for the Crane Company was the featured speaker. Describing the advantages of membership in the A. S. M. E. in the collegiate and junior branches after graduation, Mr. Wallace stated that the contacts made with the prominent men of one's profession are well worth the low initial cost of membership.

In telling of the benefits that are available to the young engineer through membership in the A. S. M. E., Mr. Wallace examined the situation from the selfish attitude which many men consider the benefits of membership—What will I get from the society for my money? With himself as example, Mr. Wallace stated that at no time during his career was he without a position. Not intending this as a boast he explained that since his membership began he had endeavored to assume a fair share of the activities connected with the membership. With these activities he became known to other men in his profession who were in a position to help him as employer or as a means of recommendation to another employer. In other words, he explained, the men in the profession who are called upon to recommend a person for a certain position will recommend a person who they have had contact with.

Another advantage is the personal satisfaction coming from the relations with your fellow men which are made through membership. In this day and age, the "Industrial," or "Engineering," era, there is no place for the "lone wolf," he explained, but a close association with your fellow members of the profession is a necessity.

The approval culminates the long campaign waged by the student body for some form of recreational center. Several editorials appearing in the *Armour Tech News* from time to time has reflected the sentiment of the student body in this direction. But, apparently insurmountable obstacles made the Student Union more of a hope than a possibility. However, by the industrious effort of Professor Moreton, who has done much in encouraging the plan and finally taking definite steps, the present plan was formulated and

presented in a short space of time so that the proposed remodeling could be made without delaying the plan another year. Remodeling is feasible only during the summer vacation period.

The favorable vote indicates the willingness of the student majority to levy an additional fee from \$2.50 to a maximum of \$3.00 per semester upon themselves to finance the program. The money will be used to pay interest and retire approximately \$40,000 worth of bonds to be issued to cover the cost of remodeling.

To accomplish the plan this year, rapid action was necessary. Professor Moreton had several remodeling plans submitted and estimates of the costs made so that definite figures (Continued on page 2)

## Eta Kappa Nu to Initiate Three Junior Electricals

Tomorrow night three men from the electrical engineering department will be initiated into Eta Kappa Nu, honorary electrical engineering fraternity. The prospective initiates, all of whom are juniors, are J. D. Hebson, L. R. Kasper, and A. M. Zarem.

During their period of pledging these men have been required to perform various duties; upon the lapel of each pledge can be found a flashlight bulb which he is expected to flash whenever he meets an active member of the fraternity. In addition every pledge is required to take a written examination.

### NOTICE

Students planning to attend either the day or evening summer school sessions should make application now in the Registrar's Office. The Institute reserves the right to withdraw any course for which there is not a sufficient number of applicants.

Senior caps and gown fee's are now payable to the Registrar's Office.

Because of Memorial Day, the next issue of the *TECH NEWS* will be distributed Wednesday, June 1 and will be the last one appearing this semester.

Musical Club members will elect officers at 12:20 today in Science Hall.