

Armour Tech News

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Junior Informal at Westward Ho To Climax Open House Week

Novel 'Report' Bids Are To Be Featured

"Go West young man, go West," was excellent advice when Horace Greeley gave it many years ago, and it still holds true, especially this Friday evening at 9:30. At that eventful minute, or thereabouts, the baton in the hand of Johnny Gilbert will descend to start the flow of rhythm which will emanate from his 11-piece orchestra 'til 1:00 in the morning. The occasion, of course, is the big Junior Informal which tops off the strenuous activities of Junior Week, and closes the Armour social season.

Many Facilities Available

If the "Go West" advice is followed, the young man—and lady—will find themselves at the lovely Westward Ho Country Club, the latter possessing a beautiful ball room. The hall has a capacity of 350 couples, with adjoining lounges, a restaurant, and a portable refreshment stand.

Johnny Gilbert's fine orchestra drew "raves" from those members of the junior committee who heard it at a recent dance in the Merchandise Mart. In addition to scintillating music, the band has two featured vocalists, and almost everything else that could be desired. Everyone will agree after attending the Informal that Johnny Gilbert is in the "up and coming" class.

Demoney Originates Novel Bid

Fred Demoney should get a few pats on the back for the exceedingly clever bids produced by his fertile mind. They are in the form of a miniature report cover with the interior pages printed on graph paper. A small map showing the route to the country club graces the first page of the midget report book, while the usual information as to time, place, orchestra, etc., are on succeeding pages. These bids can be obtained from many students, from the bookstore and from the registrar's office at \$1.75.

The social committee promises, among other things, a moon, June weather, and a dark veranda. Promised also is a great big, deep, dark surprise.

Two Leading Students See New York Fair

Through the generosity of the General Motors Company, two of Armour's leading students, Jack Clark and Peter Woods, are spending this week at the New York Fair. The two men attended a dinner last night which was held at the General Motors "Highways and Horizons" exhibit on the World's Fair Grounds. The meeting, which had for its theme "A Challenge to Youth in Building the World of Tomorrow," was held to celebrate the re-opening of the Fair. High ranking students were invited from leading colleges and universities all over the country.

Kettering Speaks

Guest speaker at the dinner was Dr. C. F. Kettering, an eminent authority on advanced technology. Besides the entertainment afforded at the dinner, General Motors planned various activities for their guests. Probably the most attractive of these was a tour of the World's Fair grounds.

Dr. Larkin Leads Armour Group

Besides Jack Clark and Peter Woods, the Armour contingent includes Dr. J. D. Larkin of the Social Science Department as the faculty representative. Peter Woods was selected for the trip in view of the fact that he is in Editor-in-Chief of the *Armour Tech News*, and Jack Clark because of his position as President of the Armour Tech Student Association. Woods, a fifth year Cooperative student employed by the Chicago division of the Link-Belt Company, is planning to combine business with pleasure by visiting the Link Belt plant in Philadelphia. Jack Clark, accompanied by his father, is planning a trip to Washington after the New York tour has been completed.

Concert, Exhibits and Pageants Are Planned for Week

Junior Week, with its exhibits, events, and activities, is a planned period of recess in the year's steady drive of knowledge-seeking. It affords a rest period before the last minute 'cramming' for the finals.

The week's program includes a well balanced variety of relaxation, informative education, and exercise. Such a program provides the obvious need of cooperative playing after a year's cooperative working together.

Outstanding Exhibits

On the educational side are the Open House exhibits Tuesday and Wednesday evenings. Of particular interest are the Organic and Physical Chemistry exhibits on the third and fourth floors of the Main building, the foundry exhibit in Machinery Hall, fourth floor, civil engineering exhibits in Chapin Hall, south and the electrical exhibits on the second floor of Main.

Besides these yearly standbys, the

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Athletic Banquet to Be Given May 22; Awards Presented

The final chapter of the 1939-1940 athletic season will be written officially May 22 at the annual A.T.S.A. Athletic Banquet, the site of which has not as yet been decided. Guest speaker of the evening is to be George Halas, coach of the Chicago Bears, if the present plans keep intact. Master of ceremonies for the evening will be the amiable John J. Schommer who needs no introduction in any athletic circles. Monogram winners of spring sports will be presented with their well earned awards at this party. This is the first time the awards for all sports will not be distributed at one time. The general assembly held last Monday saw the fall and winter awards entrusted to their rightful owners.

Present plans indicate approximately 100 active Armour athletes will be on hand for the dinner party on the 22nd. Not only the spring award winners will be honored but also those who received their emblems last Monday morning.

Next A.S.M.E. Officers Picked

On Friday, April 26, at the regular meeting of the Armour Chapter of the American Society of Mechanical Engineers, officers for the ensuing year were elected and installed. John E. Sauvage has been chosen president; Richard B. Nolte, vice-president; William G. Hahn secretary; and Edward Floreen, treasurer. The next meeting which will be held on Friday, May 17, will witness the election of the honorary chairman for the coming year.

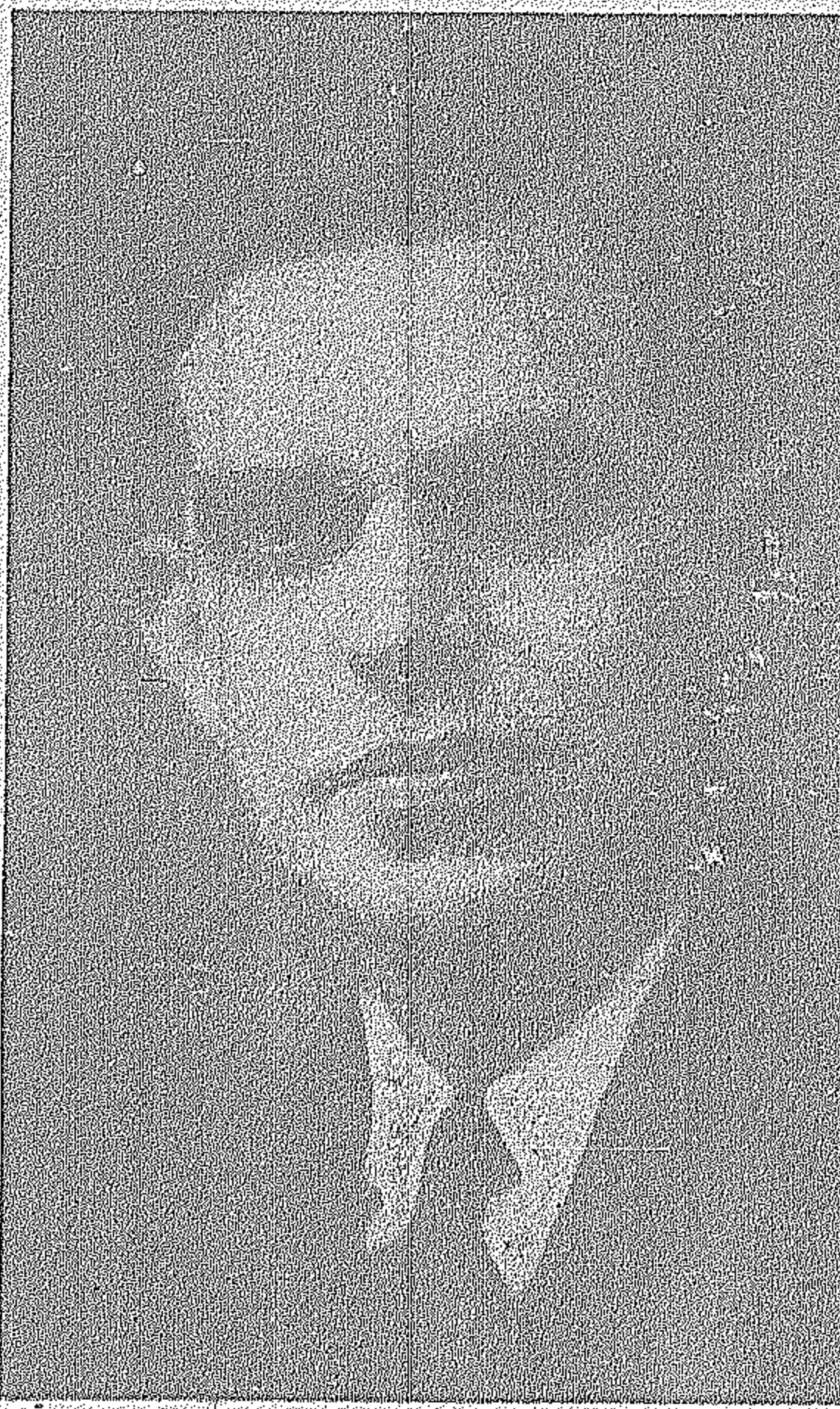
Engineering Graduates Eligible

Every year the Chicago Branch of the A.S.M.E. awards three memberships to men from Armour, Lewis, and Northwestern. Robert Scott, retiring president of the Armour chapter was granted the award which represents payment of a year's dues. All mechanical engineering graduates are eligible for junior membership in the A.S.M.E. and can derive benefits and advantages by payment of the ten dollar yearly fee. Engineers who wait several years after leaving school to join are assessed a ten dollar initiation fee in addition to the regular dues. The regular fee may be paid in quarter-annual installments.

WELCOME TO OPEN HOUSE

The students and faculty of Armour Institute of Technology are pleased to extend a cordial welcome to the visitors at our Open House for 1940. The purpose of this occasion is to present a broad picture of our educational program in action, and to give a clear conception of the activities of Armour students.

Founded in 1892, Armour Institute of Technology has a long record of useful service. Its alumni and faculty have made important contributions to the industrial, civic and professional life of this community, while today it is rendering a greater service than ever before. Its educational activities, including the four year undergraduate college, the five year cooperative course, the evening division, and the graduate division enroll more than four thousand students each year. Its Research Foundation renders an important research and experimental engineering service to hundreds of industries.



Henry Townley Heald
President Armour Institute of Technology

We hope that during your visit we may in some measure portray the Armour spirit—the spirit of honest endeavor, sound thinking, and stimulating progress. Again, may I extend to our visiting friends, both old and new, a most hearty welcome.

Henry Townley Heald.

Robert J. Mead New President of Tau Beta Pi

At a quiet election among the members of the Armour chapter of Tau Beta Pi, the all-engineering honorary fraternity, on April 3, Robert Mead, junior chemical, was elected president. The other officers elected are Leroy Goetz, junior civil, vice president; Fred DeMoney, junior fire protect, corresponding secretary; Leo Stoolman, junior mech, recording secretary; and Ed Hanuska, third year Co-op, cataloguer.

The president of Tau Beta Pi automatically becomes president of the interhonorary fraternity council, and delegate from the Armour chapter to the annual national convention of Tau Beta Pi, which will be held in Louisville, Kentucky, next October.

Mackey Wins Contest

Don Mackey, senior civil, won the Tau Beta Pi pledge essay contest this year. The prize was a five-dollar civil engineering handbook. His essay is being submitted to the national contest, where the 69 chapters comprising the national fraternity will compete for a fifty-dollar prize.

Mathematicians To Hold Annual Spring Congress

The twenty-first annual meeting of the Illinois Section of The Mathematical Association of America is scheduled for next Friday and Saturday, May 10 and 11, and is to feature talks given by seven Armour professors. The meeting is to be held at the Illinois Wesleyan University in Bloomington, Illinois.

The seven papers to be delivered by Armour professors, out of a total of seventeen talks, are as follows:

- "Derivative Lines" by S. F. Bibb.
- "The Logarithmic Mean" by W. M. Davis.
- "What is a Million" by L. R. Ford.
- "Mathematics and the Teeth" by G. E. Hay.
- "Equiareal Orthogonal Systems of Curvilinear Coordinates" by M. A. Sadovsky.
- "Series with Deleted Terms" by I. E. Perlin.
- "The Theorem of the Mean in Differential Calculus" by R. Oldenburger.

Armour Ed's Invade MacMurray Campus; Official Songbirds in Wacky Conference

By Tom Brown

After stamping around for two days (some crudely call it wolfing) in what must be described as a veritable newsmen's paradise, the delegation of Armour news sleuths to the Illinois College Press Conference returned to Chicago wearily but slaphappily, Saturday night, last April 27. The scene of the occasion was, you will remember from last week's issue (as if we thought you hadn't read it) the dear old MacMurray College for girls, at Jacksonville, Ill.

Prickly Pears

Not too little can be said of the grace, the intelligence, the beauty, the charm, the taste . . . the convention I mean . . . that was so highly abundant at that delightful affair. Ah! What cerebellum stimulation was present at every hand . . . what pearls of wisdom poured incessantly from the quivering throats of the most (CEN-

SORED) journalists of our time. What's that Yehudi? Oh well, keep your shirt on grandpa. Yes, what opportunities for youth there now abound in journalism. I give you, for example the celebrated maestro of the Quincy-Herald Whig. Zounds! With what exuberance did the ample pipes of dear "Whiggy" fairly shriek (Gad, men . . . we had a landing net all ready) over the ancient pastime of pulp peddling. It was indeed only with great presence of mind and considerable physical force that the visiting firemen Speth and DeMoney were restored from their sudden affliction of news phobia, and restrained from dashing out in the middle of "Whiggy's" oration to cover a fire. But then we come not to bury "Whiggy," but to praise him . . .

Are Picked for Pickles

We must mention also, the honor-

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Interfraternity Sing and Spring Concert To Be Given Thursday

Graduate Division Inaugurates New Summer Institute

With the addition of sixteen men in the field of technical research as visiting professors to supplement its already distinguished staff, Armour Institute will inaugurate for the first time a Summer Graduate Institute, starting in June of this summer. This special department, as announced by Dr. L. E. Grinter, dean of the Graduate Division, was instituted with the view of filling the crying needs of young scientists, engineers and engineering instructors for a summer of graduate education where advanced work of a high standard will always be available.

Instructors from Distant Points

The 25 instructors and sixteen visiting men are experts in their respective fields, and many of them are secured from distant parts of the country. To mention only a few, Stephen Timoshenko, unquestionably one of the greatest authorities on mechanics and vibration engineering comes formerly from Russia, and more immediately from Stanford University and the research laboratories of Western Electric. Gabriel Kron, leading exponent of the transformation theory in the analysis of electric circuits, comes from the General Electric laboratories in Schenectady, New York, and Ralph Barnes, famed for time and motion study, from the University of Iowa.

Summer Institute Hailed

Not only in the excellence of its personnel, has the new division already attained wide spread recognition, but also in the scope and number of courses as well. For in addition to the studies in the fields of civil, electrical, chemical and mechanical engineering, courses will be offered in physics, chemistry and mathematics.

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Columbia U. Press About to Release Larkin's New Book

Among Armour's current list of authors is Professor J. D. Larkin of the department of social science, whose book, "Trade Agreements; a Study in Democratic Methods," is about to be released by Columbia University Press. This is the first of a series of small volumes on the international economic relations of the United States which the Carnegie Endowment for International Peace is sponsoring.

Trade Act Before Congress

The Trade Agreements Act, under which the President bargains with other countries for lower trade restrictions, has been in effect for six years. It is up before Congress at this session for renewal for another three years. Critics of the act have repeatedly charged that it involves an unconstitutional delegation to the Chief Executive of legislative and treaty-making powers, and that the secret diplomacy employed in setting up the agreements is undemocratic. In his book, Professor Larkin reviews the record of treaty, trade agreement and tariff making, and shows why the courts have not found the Trade Act unconstitutional, and why the congressmen themselves insist upon delegating tariff powers to administrative authorities.

Well Qualified

Dr. Larkin's previous experience with this subject qualifies him to write such a book. His study of "The President's Control of the Tariff" was published by the Harvard University Press in 1935. Since the Trade Agreements Act was just going into effect at the time, Dr. Larkin's previous volume dealt primarily with the practical workings of the so-called "flexible tariff" based on the cost-equalization formula introduced in 1922.

Music Clubs To Present Unusual Numbers

Armour's annual Spring Concert and Interfraternity Sing are expected to pack the auditorium Thursday evening at 8:15. As has been the custom in the past there will be no charge for this outstanding musical event, and the public is cordially invited.

An unusual number of soloists are to be presented by O. Gordon Erickson, director of the musical clubs, which consists of nearly 150 student engineers. From the orchestra there will be a French Horn quartet consisting of Joe Kunts, Lee Niems, William Caldwell, and Richard Hameister. The "Mad Russians," Herbert Hansen and Ted Gromak will perform in their usual inimitable way. The well-known though difficult flute solo in Rossini's "William Tell Overture" will be played by Carl Feder-

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Pre-Rush Odds Give Favor To Veteran Sophs

Climaxing a hectic week of activity, the sophomores and freshmen will tangle in the annual class rush to be held in Ogden Field, Friday, May 10 at 3:00 p.m. Pre-rush odds just before going to press were 4-1 in favor of the veteran sophs. Milt Pleva, the terrible civil, and the sophs in general are concocting a few choice schemes toward the complete demolition of the inexperienced frosh. However, the soph espionage agent who sat in on the freshman meeting last Friday informs your reporter that the frosh are really organizing under the leadership of one "Swede" Peterson who boasts quote "The sophs ain't got a chance, not a chance." If there is really strength in numbers the frosh must be conceded a chance, if even a slight one. They outnumber the sophomores about 3 to 2. The frosh are really overdue for a victory in the rush, as they have not tasted the sweet wine of conquest in the last ten years when a supremely powerful freshman class overwhelmed the unprepared sophomores. It is hoped that as in the past there will be no foul play, and that both classes will abide by the rules which are well known to them.

\$35,000 Foundry Begins Research In Die Casting

On April 29, Mr. Harold Vagtborg, Director of the Armour Institute of Technology Research Foundation, in his annual report to the active members and board of directors, related the achievements and progress of the Foundation during the last fiscal year. As if in climax to his report, the first metal was poured from the cupola of Armour's new \$35,000 research foundry. The metal pouring to date, however, has been more of a "feeling-out" process, but it is promised that intensive, important work will be begun within a week. The work which will be carried out in this new foundry will mark a new milestone in the short but outstanding history of the Research Foundation.

Facilities Improved

Since its organization in 1936 for the exclusive purpose of rendering research and experimental service to industry, Armour Research Foundation has been keenly aware of the need of special research facilities to serve the iron and steel industries. Toward this end, a number of new laboratories have been added and improved from time to time. The most important addition is the newly completed experimental foundry. The foundry is housed in a brick and steel building designed to allow unusually flexible operation on a sufficiently

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