



## ARCHITECTS PUT FRESHMAN THRU INITIATION PACES

Emil J. Minx, Massier, Heads Group; Martin Braun, Sous-Massier

### BANQUET CLOSSES DAY

The initiation of the freshman arches into the Armour Architectural Society was held on Friday, March 14. Most of the initiation took place in and about the Art Institute and Grant Park. The sketch problems that had been issued to the new men were judged in the open, Grant park to be specific. They were judged on the basis of points, each man receiving his quota of points under the personal direction of the jury, which consisted of the other three classes. Horse-fights, singing lessons, and other novelties took up the whole of the afternoon devoted to the initiation.

The freshmen were divided into groups of about ten each, and under the direction of upper classmen were conducted about the loop. They created quite a sensation among the downtown shoppers, by their antics. Later in the afternoon they all returned to the Art Institute, where they furnished more entertainment for the other classmen.

In the evening the architects held their annual dinner at the Architects' Club. Mr. Andrew Rubori of the firm of Rubori, Wentworth and Dewey of Chicago was the principal speaker. The other speakers of the evening were Mr. Reed, Dean of the Architectural school, Dean Palmer, and Dean Penn. Emil J. Minx was the toastmaster.

Mr. Minx introduced Mr. Reed, who after a very interesting talk on his associations with the speaker of the evening, introduced Mr. Rubori.

Mr. Rubori was born in New York City and there had his schooling and practice as an architect. Upon his coming to Chicago he was in charge of the architectural department of Armour for several years.

M. Rubori spoke of his association (Continued on page 3)

## Electricals See Radio Factory

Wednesday, March 12, thirty-two Senior Electricals and members of the Radio Communication class inspected the Grigsby-Grunow radio factory where the Majestic sets are manufactured.

The trip followed one made some time ago when the class visited the factory where the cabinets are designed and assembled.

The purpose of the trip was to study the methods employed in the factory, while an assistant engineer made a short talk on the merits of the radios, explaining that the Grigsby-Grunow Company is contemplating manufacturing electric refrigerators some time next year.

## Evening School Class Hears Economic Talk

Mr. N. C. Coppock, outside plants engineer for the Illinois Bell Telephone Company, spoke on the economic problems of the equipment and plants of the telephone company last week in Professor Freeman's evening school class of Engineering Economics.

Only two more weeks are remaining of the scheduled ten lectures. The engineers have to work and hand in ten problems before they receive credit for the course.

## Schedule Taking of Cycle Group Pictures for Today

The group picture for the 1930 Cycle, which were postponed last Tuesday because of unfavorable weather, will be taken today, unless the weather again is adverse, in which case they will be taken tomorrow. The schedule appears on page three and should be followed closely.

The Junior class picture is first on the list, being scheduled for 9:00 A. M. in Ogden Field. The Sophomore and Freshman class pictures follow in order at 9:30 and 10:00 o'clock respectively. The men in these pictures are to assemble in Ogden Field a full five minutes before the time scheduled for the picture.

The clubs and departmental societies are to be taken in order as shown on the published schedule. They are arranged to be taken at convenient times for the greater number in each group.

Two additions have been made to the schedule. The Inter-Honorary Council picture is to be taken in front of the main entrance at five minutes after one o'clock and the Inter-Fraternity Council five minutes later at the same place. With the exception of these two additions the schedule is the same as was planned for last week.

## Civils Attend Railway Show

Senior, junior and sophomore civils made an inspection trip Wednesday, March 12, at the exposition given by the Railway Appliances Association, at the Coliseum.

The exposition dealt chiefly with machines and systems for increasing safety, reducing cost of repairs and installation, and minimizing labor in railroad work. There were several exhibits showing the work actually being done, such as one in which a power driven adzing machine was constantly at work preparing timbers for use. There were many small moving picture projectors showing various phases of construction and repair work, and several model engines of various types constantly running at low speeds to display their principles of operation.

The exposition is an annual one and is held in conjunction with the meeting of the American Railway Engineers' Association.

## Glee Club to Attend Male Chorus Recital

Doctor Protheroe's Welsh Male Chorus will give a concert at Orchestra Hall on Thursday evening, April 3. The members of the Glee club will attend it.

All students interested in hearing it can obtain cut-rate tickets for 75 cents from W. Manske, '30, president of the Glee club.

## Nelson Speaks Before Alumni Association

The monthly meeting of the Alumni Association was held at the Engineers Club, on Tuesday, March 4. The speaker was Mr. B. G. Nelson, of the University of Chicago.

Mr. Nelson presented a talk on the various ways of making public speeches. He pointed out the dangers involved in speeches of supplication, and approved of the development of quick repartee to prevent the opposition from gaining the upper hand.

Examples of introductions he had heard from various toastmasters in presenting speakers were used as illustrative material.

The entire speech was interspersed throughout with humorous stories and facial expressions that were not only humorous and interesting, but were so aptly given as to hold his audience spellbound during the entire discourse. It is hoped that sometime in the near future Mr. Nelson may be induced to address the student body of the Tech at an assembly.

About twenty-five members attended the luncheon and all expressed keen appreciation of the program.

Mr. K. Kusaka of the Rail Road Dept., S. M. R. Co., of Dairen, Manchuria, visited Armour Institute last Friday afternoon. He was very much interested in the labs of the main buildings.

## A. I. Ch. E. Meets Friday, Mar. 21

The regular meeting of the Armour Branch of the American Institute of Chemical Engineers will be held on Friday, March 21, at 1:00 p. m. Mr. L. C. Cooley, Chemical Engineer for the Whiting Corporation at Harvey, Illinois, will speak on evaporators, stressing the methods of design and engineering problems connected with this line of work. He also will discuss in detail several new types of evaporators and their applications.

The annual A. I. Ch. E. smoker will be held at the Phi Pi Phi House on Wednesday, March 26. The freshmen "chemicals" have been invited to attend.

## ARMOUR MOURNS GUNSAULUS DEATH

Dr. Frank Wakely Gunsaulus, the first president of Armour Institute, died nine years ago yesterday, after a life of civic enterprise, lecturing, education, and Christian work. His demise was caused by a heart attack, death coming just two hours after the illness.

Dr. Gunsaulus was born at Chesterville, Ohio, January 1, 1856. He was educated in Ohio, graduated from Ohio Wesleyan University and entered the Methodist ministry soon afterwards. During the next few years he was in charge, consecutively, of three different Methodist churches.

In 1879 he entered the Congregational Church, accepting the pastorate of the Eastwood Church at Columbus, Ohio.

After leaving Columbus, he became a pastor, first, in Newton, Massachusetts, then in Baltimore, Maryland.

The Plymouth Congregational Church of Chicago called Dr. Gunsaulus in 1887 and he accepted. Following a sermon delivered by the pastor at this church, in which he spoke of the obligations of the rich to the poor, Philip D. Armour offered to provide the money if Dr. Gunsaulus would provide the necessary time for carrying out the ideas expressed in the sermon.

Dr. Gunsaulus agreed to the offer and Armour Institute of Technology was founded in 1892, with Dr. Gunsaulus as the first president.

In 1899 he resigned the pastorate of the Plymouth Church and became pastor of the Central Church. In 1919 the plans for the extension of Armour Institute required so much time that Dr. Gunsaulus found it necessary to discontinue his church activities.

From that date he devoted practically his entire attention to the affairs of Armour Institute. Under his guidance the school continued to expand and improve.

March 17, 1921, he died at his home, his funeral being held from the New England Congregational Church in Chicago, Saturday, March 19, 1921.

## A. I. E. E. SPRING SMOKER HELD AT THETA XI HOUSE

The annual A. I. E. E. spring smoker was held at the Theta Xi house last Wednesday evening, March 12. The faculty was represented by Professors Moreton, Richardson, and Nash, and the alumni by a number of the recent graduates.

Festivities as planned by a committee of R. J. Serson, chairman, E. W. F. Hanke, R. G. Kellner, B. H. Roffee, and H. E. Stein, began promptly at eight. Cards and smokes furnished the early part of the evening's entertainment.

About 10 o'clock the guests, numbering about eighty, were assembled in the front room of the Theta Xi house and there viewed the main event of the evening, a sketch entitled "A Scene in Professor Moreton's Office." The principal players were R. J. Serson as Professor Moreton, and R. Mortenson and B. H. Roffee as students. The sketch dealt with the behavior of a lie-detector apparatus which Professor Moreton had in his office. Its movements when the students' alibis were given were as expected, but the reactions to Professor Moreton's tale of his college days were a complete surprise.

A few remarks made by President Dollenmaier were followed by songs for those who cared to sing, and then the refreshments were served, which by this time were gladly welcomed by all. A quiet dismissal thus ended the A. I. E. E. spring smoker.

## Tech Arx Take Exhibition Prize

At the recent exhibition held at the Architectural Sketch Club of Chicago, Armour was awarded first prize for their exhibition of design work. The awards for the different exhibitions was on the basis of ballots cast by the visitors. The schools entered were: Armour, University of Illinois, and Lake Forest.

The plates entered by Armour included the Paris Prize Designs of J. E. Peterson; an Archaeology Problem, A Roman Temple, by C. W. Buechle; a Beaux-Arts Project, A Restaurant, by C. P. Ware; A Loggia, project by H. A. Tonsager; a composition plate by Ray Peterson; and a Beaux-Arts Project, a Post Office, by M. Braun.

There also was a set of History of Architecture sketches and some water color drawings entered.

### ALUMNUS KILLED

Stanley Charlton, '21, and wife were killed Saturday, March 1, 1930, in an automobile accident at Lake City, South Carolina. Mr. Charlton and his wife were returning to New York from Florida when the fatal accident occurred. Mr. Charlton was manager of the New York office of Balfour & Co., Fraternity Jewelers.

### CALENDAR

Tuesday, Mar. 18  
Group Pictures for Cycle.  
3:00 p. m.—Track meet with Crane College at Bartlett Gym.  
Wednesday, Mar. 19  
Swimming Meet with Crane College at Crane College.  
9:30 a. m.—F. P. E. S. Meeting—Science Hall.  
Friday, Mar. 21  
10:30 a. m.—General Assembly.  
1:00 p. m.—A. I. Ch. E. Meeting.  
Saturday, Mar. 22  
3:00 p. m.—Triangular Track Meet with Chicago Normal and Sears-Roebuck Y. M. C. A. at Bartlett Gym.  
Annual Golf Tournament at Evergreen Golf Course.

## Pledge New Men for Honoraries

The Armour Chapter of Chi Epsilon, national honorary civil engineering fraternity, and Salamander, honorary fire protection engineering fraternity, pledged new men last week.

Chi Epsilon held their pledging in the Phi Pi Phi house with the following men as pledges:

Leonard H. Dicke, '31.  
Karl E. W. Helsen, '31.  
Eldon A. Johnson, '31.  
Bert S. Lindquist, '31.  
Berlyn G. McLaughlin, '31.  
Clarence J. Robin, '31.  
Salamander pledged their new men in their Chapin Hall rooms. The following are the pledges:  
F. S. Austin, '31.  
A. J. Lenke, '31.  
W. E. Schirmer, '31.  
P. E. Seidelmann, '31.

## Spring Engineer Out This Week

The next issue of the Armour Engineer will be ready for distribution the latter part of this week.

It will feature articles by the heads of the Mechanical, Chemical, Electrical, Civil, and Fire Protection Engineering Departments on the latest developments in their respective fields. In addition to these articles and the usual features there will be an article by Beverly Dudley, ex-'30, on "Frequency Determination"; an article by I. G. Katz, '30, on "Electrolytic White Lead"; and an article by Chester Stempkowski, '32, on "An Automatic Car-Retractor for Use on Railroads."

This issue is to be larger than the usual issue. The regular size is forty pages, which has been expanded to forty-four pages in the coming issue. H. H. Slavitt, Arch., '32, has made a free-hand sketch of an airplane that will be used to make an attractive cover.

## Ransel Makes Plans for F. P. E. S. Smoker

J. E. Ransel, president of the Fire Protection Engineering Society, announces that the society's annual smoker will be held Wednesday night, March 26, at the Delta Tau Delta House, 3155 S. Michigan avenue. The Fire Protects are urged to pay their dues so that they will be eligible to attend. Ransel promises lots of cigars, cigarettes, stories and card games.

## National Oratorical Contest Closes Soon

A letter from the contest director of the National Intercollegiate Oratorical Contest, states that on the list of 152 colleges and universities which have entered, Armour Institute does not appear. Students or groups interested should send for details as soon as possible, as March 25 is the last day to enter. All communications should be addressed to the contest director, Professor P. Caspar Harvey, at Liberty, Mo.

There is a choice of fifteen subjects, each of which is directly related to the Constitution of the United States. That the contest is succeeding in its purpose of creating and stimulating interest in this most important of American documents, is evidenced by the fact that inquiries have been received from many of the foremost schools. Each successive year the contest is held, this year being the sixth, sees a greater number of contestants. The regional and state contests, taking place from April 24 to May 3, lead up to a final contest at Los Angeles, where prizes totalling \$5,000 are offered.

## LIE DETECTOR TO BE DEMONSTRATED BY CRIMINOLOGIST

Machine Will Be Shown at Assembly Friday

### GLEE CLUB TO SING

Leonardo Keeler of the state criminology department will demonstrate the "lie detector" machine at an assembly next Friday morning at 10:30 a. m.

With this instrument, one is able to tell when a subject is lying by means of recording changes in respiration and blood pressure. The state board of pardons announced on March 5 that they will use it on all prisoners appearing before them, and the results of the tests will be considered by them in determining the prisoner's pleas.

The officials stated that this machine has great possibilities for use in making mental tests of the convicts and assigning them to work on the basis of these tests.

The glee club will give a concert during the assembly. The numbers which they will sing will probably be "Morning," "Where E're You Walk," and "On the Road to Mandalay." George Burhop, '33, will sing the solo in the latter number.

## Fire Protects Meet Tomorrow for Lecture

The regular bi-weekly meeting of the F. P. E. Society will be held tomorrow, Wednesday, March 19, at 9:30 in Science Hall. J. E. Ransel, president, will preside. The speaker for the meeting is Mr. Harry G. Casper, assistant manager of Fred S. James & Co., general agents. Mr. Casper will give an explanation of the fire insurance business as seen from the company's standpoint.

## PHONE COMPANY SENDS BERNHARD

L. F. Bernhard, '29, E. E., combined business with pleasure in a visit to Armour Institute on March 12 and 13, the business being that of making appointments with the officials of the Illinois Bell Telephone Co., Long Lines division of the American Telephone and Telegraph Co., Bell Laboratories, and the Western Electric Co. Interviews with those members of the electrical, mechanical, civil, and chemical engineering departments who contemplate employment after graduation with any of the firms mentioned were arranged.

Bernhard is employed by the Illinois Bell Telephone Co., in the engineering department and not in the personnel department as might be expected. He explained that the Associated Companies of the American Telephone and Telegraph Co., usually sends a last year's graduate to make the appointments for interviews.

## Professor Thompson Receives Ph.D. Degree

Professor James S. Thompson of the Physics department will receive his degree of Doctor of Philosophy today from the University of Chicago. Professor Thompson took the examination Friday, March 7, which climaxed his research on positive ions.

His work consisted of investigating the action of positive ions in gases of various densities and pressures. A basement laboratory in Ryerson Hall on the Chicago campus was devoted exclusively to Professor Thompson, and here the delicate observations were taken. He also received his B. S. degree from the University of Chicago.