



MUSICAL CLUBS TO PRESENT CONCERT IN ASSEMBLY HALL

Parents and Friends of Students Invited to Attend

TO BE HELD WED.

The Annual Home Concert of the Armour Tech Musical Clubs will be presented this Wednesday evening, May 20 at 8:00 P. M. in the Assembly Hall.

Participants in the program to be offered include the Armour Tech Glee Club and the Armour Tech Symphony Orchestra, besides the Stresses and Strains, Chemical Orchestra and the fraternities. The first two organizations, at present, comprise the Armour Tech Musical Clubs society which is sponsoring and arranging the concert program. The Stresses and Strains musical club is a general student group organized to play popular music, the Chemical orchestra has been organized in the main by a number of students in the department of chemical engineering to play a type of Mexican music in conjunction with a selection of classical numbers, and the fraternities combine to give the fraternity sing.

The complete program follows:

Orchestra

1. White Queen Overture...O. Metra
2. Parade of the Wooden Soldiers..... Leon Jessel

Glee Club

1. Moving Along...J. S. Zamecnik
2. Italian Salad (A Musical Jest).....Richard Genee (Solo by Ernest John)
- Romance.....
- The Old Refrain.....
- ...Violin Solos by R. R. Eddy

Chemical Orchestra

(Composed mainly of students in the department of Chemical Engineering)

1. Nubes de Humo, Tango.....Manuel Jores
2. Schubert's Serenade.....Frank Schubert
3. Cumpareita, Tango.....G. H. Matos Rodriguez

FRATERNITY SING

Glee Club

1. Gypsy Life.....Charles P. Scott
2. Song of the Western Men.....Gouffrey O'Hara
3. A Little Close Harmony.....Geoffrey O'Hara

Stresses and Strains

1. At Dawning.....Charles Wakefield Cadman
2. The King's Horses.....Noel Gray and Harry Graham
3. The Waltz You Saved For Me.....Wayne King
4. Dinah.....Harry Askt

Orchestra

1. Victor Herbert's Favorites.....Victor Herbert
2. Student Prince.....Sigmund Romberg

Ernest John, member of the Welsh Male Choir, which is directed by Dr. Protheroe will be the soloist in the "Italian Salad". The other solo-man for the night will be Richard R. Eddy, director of the Symphony orchestra.

All the social fraternities on the campus unite in giving the fraternity sing on the evening of the Concert.

After each of the fraternities have given their selection, usually consisting of two numbers, the Interfraternity Sing Cup will be awarded to the fraternity who is thought to have given the best musically. The judges for the contest are: Dr. Raymond, president of the Institute, Dr. Protheroe, director of the Glee Club, Dean Penn, dean of engineering, and Professor Leigh, faculty advisor for the musical clubs.

Students and their parents and friends are urged to attend a concert which will interest, amuse, and entertain them. Every effort has been made to make the Annual Home Concert a success.

VISITORS' NIGHT



(Reprinted by request from issue of May 13, 1930)

New Features Incorporated In Armour Engineer and in Cycle

MAGAZINE DUE TOMORROW

The final issue of the Armour Engineer, for the school year of 1930-31, will appear May 20. The magazine will contain many interesting features, including an article on the Rosenwald Museum, by Dr. Scherger.

Probably the most outstanding feature of the issue will be the cover design. The sketch on the cover contributed by Spencer Cone, sophomore architect, represents a conception of a student memorial to Dean Claude Irwin Palmer.

This issue is the last one which will be handled by the retiring editor Lenke. Next year the editorship of the publication will be in the hands of Marshall R. Beal.

Formal Dance Climax Of Tech Junior Week

Business at the cafeteria has hit a new low point during the last month and many engineers have received more exercise than usual in walking to and from school; eight dollars is what a bid for the Junior Formal costs. The tuxedos are all contracted for and the girl friends are eagerly waiting; the heavenly night is Friday, May 22, at the Oriental Room of the Knickerbocker Hotel.

Ever-smiling J. J. Casey, social chairman, spared a few precious moments from a mech. lab. test to say that one hundred couples are expected. Ninety-five bids have already been sold and the scalpers are profiteering.

If the hungry juniors stay alive until Friday, their sacrifices will be amply repaid. Dancing will begin at ten o'clock to the rhythm of Doug Peppard's Northwestern Troubadors. Under the romantic glow of the Oriental setting, surrounded by sumptuous draperies, the dancers will enjoy the sensation of a night in the East. Only the absence of a Chinese moon and the weird syncopation unfamiliar to the Occident, will detract from the illusion.

PROFESSOR WELLS AT LUNCHEON

Professor M. B. Wells attended a Chicago Jubilee luncheon given by the Chicago Association of Commerce at the Hotel Sherman last Wednesday, May 13. Professor Wells is a member of the association's aviation committee.

TECH ANNUAL OUT FRIDAY

At 3 p. m. on Circus Day, Friday, May 22, the Cycles will be distributed at the north end of Ogden Field by the business staff of which E. A. Scanlan is head.

A. H. Jens, editor, and his staff have rearranged the contents and have added new features of interest to this latest edition. The presentation to the students will be novel.

Students who have entered the Institute during the second semester will pay \$1.50 when receiving their copies, as the second semester fee covers only one-half the cost.

Class Rush Will Be Held on Circus Day

Circus Day, featuring "big top" attractions, athletic contests, and the Class Rush will hold the attention of the student body this Friday.

The activities of the day will begin with the inter-class relays; these are followed by the pentathlon and the closely contested inter-fraternity relays.

A pistol shot will signal the beginning of the Class Rush. The two "armies", one adorned in shirts of green symbolizing lack of sophistication and the other in bright red shirts, will break ranks, and the battle for the straw sacks piled in the center of Ogden Field will begin. Both the freshmen and sophomores claim victory at the time of this writing.

Fraternities on the campus have been planning and practicing for the last few weeks on their specialty numbers. The prize for the winning presentation is the President's Cup donated by Dr. Raymond, president of the Institute.

Phi Kappa Sigma and Delta Tau Delta fraternities have each won the Circus Day Skin twice. The fraternity winning the skin three times keeps it as a permanent trophy.

Junior marshals dressed in jackets of resplendent yellow and armed with oversized paddles will have charge of the ceremonies of the day.

BERGER THANKS FRIENDS

Max Berger wishes to express his thanks for the kindness shown by the Junior Chemical class in his recent loss.

Fraternities to Hold Track Meet

Thursday afternoon the fraternities will be engaged in a highly competitive track meet, which will start at 2:30 sharp. It may be well to give the order of events to avoid possible confusion on the field.

1. The hundred yard dash—trials;
2. mile run;
3. 100 yard high hurdles—finals;
4. 100 yard dash—final;
5. 440 yard dash—final;
6. 220 yard dash, trials;
7. 100 yard low hurdles, finals;
8. 880 yard run; and
9. 220 yard dash, finals.

The field events will be run off as follows: pole vault, high jump, discus throw, shot put, broad jump, and javelin throw. In the hurdle races, the three best timed will run in the finals if more than one heat is required. A. A. Stagg, Jr. will be the official starter, and the timers will be James and Fox.

Last year the inter-fraternity track meet was won by Beta Psi with a total of 54 points. The Triangles were second with 25 1-2 points and the Sigma Kappa Delta fraternity took third with 18 1-2 points.

Friday morning the inter-class relay, the pentathlon and the inter-fraternity relay will be run off. The inter-class relay is scheduled as the first number on the program, taking place at 9:30. Last year the freshmen copped it and they are now out to repeat if possible.

After the inter-class relay the pentathlon will be run off. It is scheduled to start at 9:45. The events are as follows: 100 yd. dash, shot put, 100yd. high hurdles, the broad jump and the 1-2 mile run. Last year Walter M. Miran won the pentathlon with a total of 9327 1-2 points.

The final event of the sports program will be the inter fraternity relay scheduled to start at 11:30. Last year Theta Xi won the silver loving cup emblematic of the championship.

SALAMANDER TO ELECT HEADS

Salamander, honorary fire protection engineering fraternity, will hold its election of officers for the coming semester next Wednesday, May 20.

CALENDAR

Monday, May 18

- 2:30 P. M. Tennis, Lake Forest at Armour.
- 3:30 P. M. Baseball, Varsity vs. Alumni, Ogden Field.
- 7:30 P. M. Open House at the Institute.

Tuesday, May 19

- 2:30 P. M. Track, Armour vs. Thornton at Armour.

Wednesday, May 20

- 2:00 P. M. Tennis, Valparaiso at Armour.
- 3:00 P. M. Baseball, tentative game at Ogden Field.
- 8:00 P. M. Annual Home Concert, Interfraternity Sing, Assembly Hall, Mission.

Thursday, May 21

- 2:30 P. M. Interfraternity Track Meet, Ogden Field.

Friday, May 22

- Morning and Afternoon—Circus Day
- 3:00 P. M. "Cycle," distributed at north end of Ogden Field.
- 9:30 P. M. Junior Formal Dinner Dance, Oriental Room of Knickerbocker Hotel.

Saturday, May 23

- 9:00 A. M. Golf, Armour at Toledo.
- 1:30 P. M. Tennis, Armour at Loyola.
- 2:30 P. M. Baseball, Armour at De Kalb.
- 2:30 P. M. Track, Tech at Sears "Y" Invitational.

TECH IS HOST TO FRIENDS AS VISITORS INSPECT ARRAY OF OPEN HOUSE EXHIBITS

All Departments, Laboratories, Shops, Vie With Each Other to Provide Interesting Displays

ANTICIPATE ATTENDANCE OF TWO THOUSAND

Entire Institute Opened to Public

Action and more action will make the Institute walls vibrate with enthusiasm when an estimated crowd of over two thousand see the annual Open House Exhibit tonight. A comprehensive resume of the program is as follows:

Electrical Engineering

Experiments with spark and Tesla coils, photo electric cells, telephone equipment, and other apparatus of general interest will be conducted in the Electricity laboratory on the second floor. Demonstrations will also be going on in the dynamo laboratory on the first floor. Several students of this department will be conducting fidelity and gain tests on radio power amplifiers.

Chemical Engineering

The freshman will be doing routine work in the laboratory on the third floor. On the fourth floor, the sophomores will conduct exhibits in the organic and quantitative laboratory at the north end, and the upper classmen will work in the industrial and metallurgical laboratories at the south end. The physical "chem" room on the third floor will house displays relating to that subject.

Civil Engineering

Work in the civil department will be illustrated, in the civil drafting room on the top floor of the Mission building, by designs and drawings which students have made, and by a large collection of common and rare instruments which are used in this field of engineering.

Five Protection Engineering

The Physics Lecture room on the second floor of the main building, north end, will be filled with a fine display of nozzles, hose, and other fire fighting equipment in addition to numerous demonstrations. An interesting explanatory diagram will be exhibited showing the manner in which modern buildings are protected.

Mechanical Engineering

At 3230 Federal street in the Automotive laboratory a Packard Diesel engine, other aircraft engines, (Continued on page 2)

Chi Epsilon Adds to Its Membership List

A banquet followed by a visit to the Playhouse to see "Apron Strings" were the secondary features of the initiation held by Chi Epsilon, honorary civil engineering fraternity, in the Beta Psi chapter house last Wednesday.

Dean Penn, in company with Professors Wells, Heald, and Stevens, represented the faculty members for the occasion, and the alumni present were Kohout, West, and Blomme.

The new men whose scholastic record has warranted their membership in the fraternity, are: C. A. Erickson, O. Eskonen, A. A. Koch, H. C. Rossing, and W. H. Rudolf.

NOTICE

Last week, in an effort to arouse the interest of the student body in the activities of Junior Week, the Armour Tech News published an article on the subject of Circus Day. This was intended merely to bring Junior Week to the attention of the students and is not to be interpreted as meaning that the school authorities are in favor of the kidnappings and other disorderly occurrences of the earlier days of the Institute.

With all hands on deck and machinery running smoothly, Armour plays host to families and friends of the student body this evening at the annual Open House Exhibit.

The purpose of this event is three-fold. In the first place, the Institute is able to give the public an idea of what is going on within the inner walls of the school. The parents and friends of the men who are interested in the work being done, have this chance to see the work performed. New or prospective students can see the activity of the institution first hand, and may thus be guided in the selection of curriculum to be followed in advanced school study. Finally, the students themselves will be able to visit the other departments, where much is going on, of which they know little.

Under the general heading of chemistry comes most of the work on the fourth floor of the Main building. Quantitative analyses will be conducted by Professor Tibbals in the east end of the sophomore laboratory. The physical chemistry, industrial and engineering chemistry laboratories will be the scene of the junior and senior work. In chemical engineering many of the organic preparations are carried out on a scale large enough to give approximations to factory production as pertains to yields, expense, apparatus and such important controlling factors.

Very complete arrays of instruments used in surveying and other branches of Civil Engineering will occupy the Civil drafting room in the Mission building. An idea of the work done in the field can be obtained from these and designs drawn by the students will go to show the class work that is being accomplished. Besides plane tables, sextants, current meters, planimeters, Thatcher and Fuller slide rules and barometers, an Altitude-Azimuth instrument, and a Begg's Deformer Equipment are proud possessions of the department.

People especially interested in automobile and aircraft engines should be sure to see the automotive laboratory which is located west of Ogden Field on Federal street. Featured is a Packard-Diesel Aircraft engine test. Developing 225 horsepower, this machine is a new development in aviation, since it uses oil for fuel instead of gasoline.

Liberty and Hispano Suiza airplane engines, a new Chrysler eight automobile engine, and a cut away Whippet chassis will be out on display in addition to parts, testing machines, and special apparatus.

The materials testing laboratory in the northeast corner of main floor basement will have most of their machinery in operation. There will be demonstrations throughout the evening including friction tests on lubricating oils, compression tests on concretes and rocks. Steel beams will be torn in various ways in the tension, torsion, and cold-bending tests.

The mechanics laboratory in the basement will have machinery in operation. A ventilating blower test will be conducted. Two Prony friction brakes, an impulse water wheel, and electric dynamometers are included in the equipment.

High frequency discharges from the recently enlarged Tesla coil will draw crowds to the Electricity laboratory on the second floor of the main building. An electric oscillator has been hooked up to play music like an organ by several of the students, and a photo electric cell is ready for demonstration. Display of telephone equipment will also be of interest.